

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended **June 30, 2022**

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: **001-38285**

BANDWIDTH INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

56-2242657

(I.R.S. Employer
Identification Number)

900 Main Campus Drive

Raleigh, NC 27606

(Address of principal executive offices) (Zip Code)

(800) 808-5150

(Registrant's telephone number, including area code)

Securities Registered Pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Class A Common Stock, par value \$0.001 per share	BAND	NASDAQ Global Select Market

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of July 29, 2022, 23,338,746 shares of the registrant's Class A common stock and 1,965,170 shares of registrant's Class B common stock were outstanding, respectively.

BANDWIDTH INC.

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Special Note Regarding Forward-Looking Statements

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”) and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). All statements contained in this Quarterly Report on Form 10-Q, other than statements of historical fact, are forward-looking statements. Forward-looking statements generally can be identified by the words “may,” “will,” “expect,” “believe,” “anticipate,” “intend,” “could,” “would,” “project,” “plan,” “estimate,” or “continue,” or the negative of these words or other similar terms or expressions that concern our expectations strategy, plans or intentions. Forward-looking statements contained in this Quarterly Report on Form 10-Q include, but are not limited to, statements about:

- our expectations about the impact of public health epidemics, such as COVID-19 (as defined herein), or natural disasters on the global economy and our business, results of operations and financial condition;
- our ability to attract and retain customers, including large enterprises;
- our approach to identifying, attracting and keeping new and existing customers, as well as our expectations regarding customer turnover;
- our beliefs regarding network traffic growth and other trends related to the usage of our products and services;
- our ability to successfully defend our network, systems and data against ever-evolving cybersecurity threats, including denial-of-service and ransomware attacks;
- our expectations regarding revenue, costs, expenses, gross margin, dollar based net retention rate, adjusted EBITDA, non-generally accepted accounting principles in the United States of America (“GAAP”) net income and capital expenditures;
- our beliefs regarding the growth of our business and how that impacts our liquidity and capital resources requirements;
- our beliefs regarding the impact of macroeconomic conditions, including inflationary and/or recessionary pressures, on our business and financial condition;
- the sufficiency of our cash and cash equivalents to meet our liquidity needs;
- our ability to attract, train, and retain qualified employees and key personnel;
- our beliefs regarding the expense and productivity of and competition for our sales force;
- our expectations regarding headcount;
- our ability to maintain and benefit from our corporate culture;
- our plans to further invest in and grow our business, including international offerings, and our ability to effectively manage our growth and associated investments;
- our ability to introduce new products and services and enhance existing products and services;
- our ability to successfully integrate and benefit from any strategic acquisitions, including our acquisition of Voxbone (as defined herein), or future strategic acquisitions or investments;
- our ability to effectively manage our international operations and expansion;
- our ability to compete successfully against current and future competitors;
- the evolution of technology affecting our products, services and markets;

- the impact of certain new accounting standards and guidance, as well as the time and cost of continued compliance with existing rules and standards;
- our beliefs regarding the use of Non-GAAP financial measures;
- our ability to comply with modified or new industry standards, laws and regulations applicable to our products, services and business, including the General Data Protection Regulation (“GDPR”), the California Consumer Privacy Act of 2018 and other privacy regulations that may be implemented in the future, and Secure Telephone Identity Revisited and Signature-based Handling of Asserted Information Using toKENS and other robocalling prevention and anti-spam standards and increased costs associated with such compliance;
- the impact of our customers’ violation of our policies or other misuse of our platform;
- our ability to manage fees that have been or may be instituted by network providers that increase our costs;
- our ability to maintain, protect and enhance our intellectual property;
- our expectations regarding litigation and other pending or potential disputes;
- our ability to service the interest on our Convertible Notes (as defined herein) and repay such Convertible Notes, to the extent required; and
- other risks related to our indebtedness.

We caution you that the foregoing list may not contain all the forward-looking statements made in this Quarterly Report on Form 10-Q.

You should not rely upon forward-looking statements as predictions of future events. We have based the forward-looking statements contained in this Quarterly Report on Form 10-Q primarily on our current expectations and projections about future events and trends that we believe may affect our business, financial condition, results of operations and prospects. The outcome of the events described in these forward-looking statements is subject to risks, uncertainties and other factors described in the section titled “Risk Factors” and elsewhere in this Quarterly Report on Form 10-Q. Moreover, we operate in a very competitive and rapidly changing environment. New risks and uncertainties emerge from time to time and it is not possible for us to predict all risks and uncertainties that could have an impact on the forward-looking statements contained in this Quarterly Report on Form 10-Q. We cannot assure you that the results, events and circumstances reflected in the forward-looking statements will be achieved or occur, and actual results, events or circumstances could differ materially from those described in the forward-looking statements.

The forward-looking statements made in this Quarterly Report on Form 10-Q relate only to events as of the date on which the statements are made. We undertake no obligation to update any forward-looking statements made in this Quarterly Report on Form 10-Q to reflect events or circumstances after the date of this Quarterly Report on Form 10-Q or to reflect new information or the occurrence of unanticipated events, except as required by law. We may not actually achieve the plans, intentions or expectations disclosed in our forward-looking statements and you should not place undue reliance on our forward-looking statements. Our forward-looking statements do not reflect the potential impact of any future acquisitions, mergers, dispositions, joint ventures or investments we may make.

PART I - FINANCIAL INFORMATION

Item 1. Financial Statements

BANDWIDTH INC.
Condensed Consolidated Balance Sheets
(In thousands)
(Unaudited)

	As of June 30, 2022	As of December 31, 2021
Assets		
Current assets:		
Cash and cash equivalents	\$ 165,310	\$ 331,453
Restricted cash	884	836
Marketable securities	137,562	—
Accounts receivable, net of allowance for doubtful accounts	76,618	61,572
Deferred costs	3,873	3,204
Prepaid expenses and other current assets	20,366	15,820
Total current assets	404,613	412,885
Property, plant and equipment, net	69,459	69,604
Operating right-of-use asset, net	13,211	14,061
Intangible assets, net	185,855	211,217
Deferred costs, non-current	5,081	4,676
Other long-term assets	28,361	8,673
Goodwill	317,736	344,423
Total assets	\$ 1,024,316	\$ 1,065,539
Liabilities and stockholders' equity		
Current liabilities:		
Accounts payable	\$ 19,543	\$ 9,142
Accrued expenses and other current liabilities	62,329	65,921
Current portion of deferred revenue	6,520	6,248
Advanced billings	6,184	6,380
Operating lease liability, current	7,136	5,807
Total current liabilities	101,712	93,498
Other liabilities	8,081	6,018
Operating lease liability, net of current portion	8,527	10,958
Deferred revenue, net of current portion	8,310	7,634
Deferred tax liability	41,373	48,396
Convertible senior notes	636,474	486,440
Total liabilities	804,477	652,944
Stockholders' equity:		
Class A and Class B common stock	25	25
Additional paid-in capital	354,662	502,477
Accumulated deficit	(81,179)	(76,867)
Accumulated other comprehensive loss	(53,669)	(13,040)
Total stockholders' equity	219,839	412,595
Total liabilities and stockholders' equity	\$ 1,024,316	\$ 1,065,539

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

BANDWIDTH INC.
Condensed Consolidated Statements of Operations
(In thousands, except share and per share amounts)
(Unaudited)

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
Revenue	\$ 136,489	\$ 120,658	\$ 267,853	\$ 234,137
Cost of revenue	81,085	67,177	157,035	129,498
Gross profit	55,404	53,481	110,818	104,639
Operating expenses:				
Research and development	24,264	16,390	46,691	33,179
Sales and marketing	23,327	20,205	46,479	39,315
General and administrative	16,863	15,952	33,568	31,248
Total operating expenses	64,454	52,547	126,738	103,742
Operating (loss) income	(9,050)	934	(15,920)	897
Other income (expense), net	2,385	(7,590)	2,620	(13,201)
Loss before income taxes	(6,665)	(6,656)	(13,300)	(12,304)
Income tax benefit (provision)	417	(272)	238	60
Net loss	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)
Net loss per share, basic and diluted	\$ (0.25)	\$ (0.28)	\$ (0.52)	\$ (0.49)
Weighted average number of common shares outstanding, basic and diluted	25,279,615	25,096,026	25,249,998	25,056,208

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

BANDWIDTH INC.
Condensed Consolidated Statements of Comprehensive Loss
(In thousands)
(Unaudited)

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
Net loss	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)
Other comprehensive (loss) income				
Unrealized loss on marketable securities, net of income taxes	(338)	—	(338)	—
Foreign currency translation, net of income taxes	(29,775)	6,015	(40,291)	(17,170)
Other comprehensive (loss) income	(30,113)	6,015	(40,629)	(17,170)
Total comprehensive loss	\$ (36,361)	\$ (913)	\$ (53,691)	\$ (29,414)

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

BANDWIDTH INC.
Condensed Consolidated Statements of Changes in Stockholders' Equity
(In thousands, except share amounts)
(Unaudited)

	Class A voting common stock		Class B voting common stock		Additional paid-in capital	Accumulated other comprehensive income (loss)	Accumulated deficit	Total stockholders' equity
	Shares	Amount	Shares	Amount				
Balance at December 31, 2020	22,413,004	\$ 22	2,496,125	\$ 2	\$ 451,463	\$ 27,941	\$ (49,505)	\$ 429,923
Issuance of debt conversion option	—	—	—	—	66,908	—	—	66,908
Debt conversion option issuance costs, net of tax	—	—	—	—	(2,049)	—	—	(2,049)
Capped call option purchase price	—	—	—	—	(25,500)	—	—	(25,500)
Exercises of vested stock options	57,817	—	—	—	753	—	—	753
Vesting of restricted stock units	141,707	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(19,879)	—	—	—	(3,187)	—	—	(3,187)
Conversion of Class B voting common stock to Class A voting common stock	280,955	1	(280,955)	—	—	—	—	1
Foreign currency translation	—	—	—	—	—	(23,185)	—	(23,185)
Stock-based compensation	—	—	—	—	4,390	—	—	4,390
Net loss	—	—	—	—	—	—	(5,316)	(5,316)
Balance at March 31, 2021	22,873,604	23	2,215,170	2	492,778	4,756	(54,821)	442,738
Debt conversion option issuance costs, net of tax	—	—	—	—	30	—	—	30
Exercises of vested stock options	4,406	—	—	—	46	—	—	46
Vesting of restricted stock units	15,605	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(1,948)	—	—	—	(265)	—	—	(265)
Foreign currency translation	—	—	—	—	—	6,015	—	6,015
Stock-based compensation	—	—	—	—	3,377	—	—	3,377
Net loss	—	—	—	—	—	—	(6,928)	(6,928)
Balance at June 30, 2021	22,891,667	23	2,215,170	2	495,966	10,771	(61,749)	445,013
Exercises of vested stock options	8,700	—	—	—	101	—	—	101
Vesting of restricted stock units	16,383	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(1,631)	—	—	—	(154)	—	—	(154)
Conversion of Class B voting common stock to Class A voting common stock	250,000	—	(250,000)	—	—	—	—	—
Foreign currency translation	—	—	—	—	—	(12,512)	—	(12,512)
Stock-based compensation	—	—	—	—	3,825	—	—	3,825
Net loss	—	—	—	—	—	—	(6,944)	(6,944)
Balance at September 30, 2021	23,165,119	23	1,965,170	2	499,738	(1,741)	(68,693)	429,329
Exercises of vested stock options	3,062	—	—	—	23	—	—	23
Vesting of restricted stock units	12,807	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(3,000)	—	—	—	(229)	—	—	(229)
Foreign currency translation	—	—	—	—	—	(11,468)	—	(11,468)
Unrealized gain/loss on employee benefit pension plan	—	—	—	—	—	169	—	169
Stock-based compensation	—	—	—	—	2,945	—	—	2,945
Net loss	—	—	—	—	—	—	(8,174)	(8,174)

BANDWIDTH INC.
Condensed Consolidated Statements of Changes in Stockholders' Equity
(In thousands, except share amounts)
(Unaudited)

	Class A voting common stock		Class B voting common stock		Additional paid-in capital	Accumulated other comprehensive income (loss)	Accumulated deficit	Total stockholders' equity
	Shares	Amount	Shares	Amount				
Balance at December 31, 2021	23,177,988	23	1,965,170	2	502,477	(13,040)	(76,867)	412,595
Exercises of vested stock options	16,095	—	—	—	125	—	—	125
Vesting of restricted stock units	144,977	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(30,029)	—	—	—	(1,751)	—	—	(1,751)
Adjustment to opening retained earnings due to adoption of ASU 2020-06	—	—	—	—	(156,248)	—	8,750	(147,498)
Foreign currency translation	—	—	—	—	—	(10,516)	—	(10,516)
Stock-based compensation	—	—	—	—	5,346	—	—	5,346
Net loss	—	—	—	—	—	—	(6,814)	(6,814)
Balance at March 31, 2022	23,309,031	23	1,965,170	2	349,949	(23,556)	(74,931)	251,487
Exercises of vested stock options	4,287	—	—	—	37	—	—	37
Vesting of restricted stock units	28,351	—	—	—	—	—	—	—
Equity awards withheld for tax liability	(7,005)	—	—	—	(145)	—	—	(145)
Unrealized loss on marketable securities	—	—	—	—	—	(338)	—	(338)
Foreign currency translation	—	—	—	—	—	(29,775)	—	(29,775)
Stock-based compensation	—	—	—	—	4,821	—	—	4,821
Net loss	—	—	—	—	—	—	(6,248)	(6,248)
Balance at June 30, 2022	23,334,664	\$ 23	1,965,170	\$ 2	\$ 354,662	\$ (53,669)	\$ (81,179)	\$ 219,839

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

BANDWIDTH INC.
Condensed Consolidated Statements of Cash Flows
(In thousands)
(Unaudited)

	Six months ended June 30,	
	2022	2021
Cash flows from operating activities		
Net loss	\$ (13,062)	\$ (12,244)
Adjustments to reconcile net loss to net cash provided by operating activities		
Depreciation and amortization	18,087	18,245
Non-cash reduction to the right-of-use asset	3,724	2,785
Amortization of debt discount and issuance costs	1,533	12,308
Stock-based compensation	10,167	7,767
Deferred taxes and other	(2,187)	549
Changes in operating assets and liabilities:		
Accounts receivable, net of allowances	(16,672)	(8,159)
Prepaid expenses and other assets	(10,497)	(4,486)
Accounts payable	11,742	1,118
Accrued expenses and other liabilities	1,433	(6,188)
Operating right-of-use liability	(3,944)	(2,850)
Net cash provided by operating activities	<u>324</u>	<u>8,845</u>
Cash flows from investing activities		
Purchase of property and equipment	(9,035)	(7,703)
Deposits for construction in progress	(14,545)	(3,000)
Capitalized software development costs	(1,231)	(2,404)
Purchase of land	—	(30,017)
Proceeds from sale of land	—	17,462
Purchase of marketable securities	(137,786)	—
Proceeds from sales and maturities of other investments	—	40,000
Net cash (used in) provided by investing activities	<u>(162,597)</u>	<u>14,338</u>
Cash flows from financing activities		
Payments on finance leases	(126)	(105)
Proceeds from issuance of convertible senior notes	—	250,000
Purchase of Capped Call	—	(25,500)
Payment of debt issuance costs	(487)	(7,544)
Proceeds from exercises of stock options	162	802
Value of equity awards withheld for tax liabilities	(1,937)	(3,456)
Net cash (used in) provided by financing activities	<u>(2,388)</u>	<u>214,197</u>
Effect of exchange rate changes on cash, cash equivalents and restricted cash	(1,434)	204
Net (decrease) increase in cash, cash equivalents, and restricted cash	(166,095)	237,584
Cash, cash equivalents, and restricted cash, beginning of period	332,289	81,437
Cash, cash equivalents, and restricted cash, end of period	<u>\$ 166,194</u>	<u>\$ 319,021</u>
Supplemental disclosure of cash flow information		
Cash paid for interest	<u>\$ 1,280</u>	<u>\$ 541</u>
Cash paid for taxes, net	<u>\$ 528</u>	<u>\$ 300</u>
Right-of-use assets obtained in exchange for new operating lease liabilities	<u>\$ 3,404</u>	<u>\$ —</u>
Supplemental disclosure of noncash investing and financing activities		
Purchase of property and equipment, accrued but not paid	<u>\$ 778</u>	<u>\$ 4,049</u>
Obligation included in basis of acquired land	<u>\$ —</u>	<u>\$ 7,752</u>

BANDWIDTH INC.
Condensed Consolidated Statements of Cash Flows
(In thousands)
(Unaudited)

Lease incentive	\$ 2,206	\$ 3,193
Obligation included in basis of land acquired by the Developer	\$ —	\$ 4,512
Equity awards withheld for tax liabilities, accrued but not paid	\$ 85	\$ 242
Unrealized loss on marketable securities, accrued but not realized	\$ 338	\$ —

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

BANDWIDTH INC.
Notes to Condensed Consolidated Financial Statements
(Unaudited)

1. Organization and Description of Business

Bandwidth Inc. (together with its subsidiaries, “Bandwidth” or the “Company”) was founded in July 2000 and incorporated in Delaware on March 29, 2001. The Company’s headquarters are located in Raleigh, North Carolina. The Company is an international cloud-based, software-powered communications platform-as-a-service (“CPaaS”) provider that enables enterprises to create, scale and operate voice or messaging communications services across any mobile application or connected device.

As a result of certain changes in our business during the quarter ended March 31, 2022, the company re-evaluated its segment reporting and determined that one segment was appropriate, rather than the previously reported segments comprising “CPaaS” and “Other”. The primary drivers for this change were the company’s strategic alignment of its operating departments and the sale of legacy assets. All previously reported segment information has been recast to conform with the one segment structure.

2. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States of America (“GAAP”) and applicable rules and regulations of the U.S. Securities and Exchange Commission (the “SEC”) regarding interim financial reporting. Certain information and disclosures normally included in the financial statements prepared in accordance with GAAP have been condensed or omitted pursuant to such rules and regulations. Therefore, these unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and notes included in the Company’s Annual Report on Form 10-K filed with the SEC on February 25, 2022.

The condensed consolidated balance sheet as of December 31, 2021, included herein, was derived from the audited financial statements as of that date, but does not include all disclosures, including certain notes required by GAAP on an annual reporting basis.

In the opinion of management, the accompanying unaudited condensed consolidated financial statements reflect all normal recurring adjustments necessary to present fairly the financial position, results of operations, comprehensive loss and cash flows for the interim periods, but are not necessarily indicative of the results of operations to be anticipated for the full year 2022 or any future period.

Cost Alignment

During the quarter ended March 31, 2022, the Company changed its presentation of certain costs to align with benchmarked definitions of cost of revenue, research and development, sales and marketing, and general and administrative expenses. As part of the benchmarked definitions, the Company has included allocations of facilities and shared IT costs based on employee headcount within the cost of revenue, research and development, sales and marketing, and general and administrative expense categories. Additionally, the product management function is now included in research and development rather than general and administrative as previously reported and the customer billing and collections function and the amortization of acquired customer relationship intangible assets are now included in sales and marketing rather than general and administrative as previously reported. Management believes use of the benchmarked definitions will increase comparability to peers and therefore usability of its financial statements.

All periods presented have been conformed to the current definitions of cost of revenue, research and development, sales and marketing, and general and administrative expenses. There was no impact to revenue or net income for any periods presented. The condensed consolidated balance sheets, condensed consolidated statements of changes in stockholders' equity and condensed consolidated statements of cash flows are not affected by these changes.

The following is a comparison of the change in costs to the prior period:

	Three months ended June 30, 2021		Six months ended June 30, 2021	
	As reported	As previously reported	As reported	As previously reported
	(In thousands)			
Statement of Operations				
Cost of revenue	\$ 67,177	\$ 66,059	\$ 129,498	\$ 127,387
Research and development	16,390	12,817	33,179	26,150
Sales and marketing	20,205	12,584	39,315	24,576
General and administrative	15,952	28,264	31,248	55,127

Principles of Consolidation

The condensed consolidated financial statements include the accounts of Bandwidth Inc. and its wholly owned subsidiaries. All intercompany accounts and transactions have been eliminated in consolidation.

Use of Estimates

The preparation of the Company's condensed consolidated financial statements in conformity with GAAP requires the Company to make estimates and judgments that affect the amounts reported in these financial statements and accompanying notes. These estimates in the condensed consolidated financial statements include, but are not limited to, allowance for doubtful accounts, reserve for expected credit losses, reserve for sales credits, recoverability of long lived and intangible assets, fair value of acquired intangible assets and goodwill, discount rates used in the valuation of right-of-use assets and lease liabilities, the fair value of the liability of the Company's Convertible Notes (as defined herein), estimated period of benefit, valuation allowances on deferred tax assets, certain accrued expenses and contingencies, economic and demographic actuarial assumptions related to pension and other postretirement benefit costs and liabilities, estimated cash flows on asset retirement obligation. Although the Company believes that the estimates it uses are reasonable, due to the inherent uncertainty involved in making these estimates, actual results reported in future periods could differ from those estimates.

Cash and Cash Equivalents

The Company classifies all highly liquid investments with original stated maturities of three months or less from the date of purchase as cash equivalents. All highly liquid investments with original stated maturities of greater than three months from the date of purchase are classified as current marketable securities. Cash deposits are primarily in financial institutions in the United States. However, cash for monthly operating costs of international operations are deposited in banks outside the United States. The Company has a policy of making investments only with commercial institutions that have at least an investment grade credit rating. The Company utilizes money market funds as an investment option and only invests in AAA rated funds.

Restricted Cash

Restricted cash consists primarily of employee withholding tax liability and employee benefits contributions not yet remitted. The Company has classified this asset as a short-term asset in order to match the expected period of restriction.

Marketable Securities

The Company's marketable securities consist of time deposits, U.S. treasury debt securities, commercial paper, and corporate debt securities. The Company classifies marketable securities as available-for-sale at the time of purchase and reevaluates such classification as of each balance sheet date. The Company may sell these securities at any time for use in current operations even if they have not yet reached maturity. As a result, the Company classifies investments with maturities greater than 90 days as marketable securities in the accompanying condensed consolidated balance sheets. Available-for-sale securities are recorded at fair value at the end of each reporting period. Unrealized gains and losses are excluded from earnings and recorded as a separate component within accumulated other comprehensive loss on the condensed consolidated balance sheets until realized. Interest income is reported within other income (expense), net on the condensed consolidated statements of operations. The Company evaluates its investments to assess whether the amortized cost basis is in excess of estimated fair value and determines what amount of that difference, if any, is caused by expected credit losses. Allowance for credit losses are recognized as a charge in other income (expense), net on the condensed consolidated statements of operations, and any remaining unrealized losses are included in accumulated other comprehensive loss on the condensed consolidated balance sheets. Due to the nature and investment grade of the Company's marketable securities, there were no credit losses recorded for the three months ended June 30, 2022. There have been no impairment charges for any unrealized losses during the period. The Company determines realized gains and losses on the sale of marketable securities using the specific identification method and records such gains and losses in other income (expense), net on the condensed consolidated statements of operations.

Accounts Receivable and Current Expected Credit Losses

Accounts receivable are stated at realizable value, net of allowances, which includes an allowance for doubtful accounts and a reserve for expected credit losses. The allowance for doubtful accounts is based on management's assessment of the collectability of its customer accounts. The Company regularly reviews the composition of the accounts receivable aging, historical bad debts, changes in payment patterns, customer creditworthiness, current economic trends, and reasonable and supportable forecasts about the future. Relevant risk characteristics include customer size and historical loss patterns. Management has evaluated the expected credit losses related to trade accounts receivable and determined that an allowance of approximately \$0.9 million and \$1.7 million for uncollectible accounts and customer balances that are disputed was required as of June 30, 2022 and December 31, 2021, respectively. Refer to Note 4, "Financial Statement Components" to these condensed consolidated financial statements, for a rollforward of the components of the allowances as of June 30, 2022 and December 31, 2021.

The Company includes unbilled receivables in its accounts receivable balance. Generally, these receivables represent earned revenue from services provided to customers, which will be billed in the next billing cycle. All amounts are considered collectible and billable. As of June 30, 2022 and December 31, 2021, unbilled receivables were \$35.7 million and \$31.8 million, respectively.

Concentration of Credit Risk

Financial instruments that are exposed to concentration of credit risk consist primarily of cash and cash equivalents and trade accounts receivable. Cash deposits may be in excess of insured limits. The Company believes that the financial institutions that hold its cash deposits are financially sound and, accordingly, minimal credit risk exists with respect to these balances.

With regard to customers, credit evaluation and account monitoring procedures are used to minimize the risk of loss. The Company believes that no additional credit risk beyond amounts provided for by the allowance for doubtful accounts are inherent in accounts receivable. As of June 30, 2022, no individual customer represented more than 10% of the Company's accounts receivable, net of allowance for doubtful accounts. As of December 31, 2021, one individual customer represented approximately 10%, respectively, of the Company's accounts receivable, net of allowance for doubtful accounts.

For the three and six months ended June 30, 2022 and 2021, no individual customer represented more than 10% of the Company's revenue.

Debt Issuance Costs

The Company incurs debt issuance costs associated with obtaining and entering into credit agreements and issuing convertible notes. These costs customarily include non-refundable structuring fees, commitment fees, up-front fees and syndication expenses. The Company has a policy of deferring and amortizing these costs based on the effective interest method over the term of the credit agreements or the convertible notes, as applicable.

Goodwill

In accordance with Accounting Standards Codification ("ASC") 350, "Intangibles - Goodwill and Other" ("ASC 350"), goodwill is not amortized, but rather is reviewed for impairment at the reporting unit level on the last day of the Company's fourth quarter of each fiscal year, or when there is evidence that events or changes in circumstances indicate that the fair value of the reporting unit is less than the carrying amount of the reporting unit, including goodwill.

The Company establishes its reporting units based on its current organizational structure and management's view of the business. The Company has determined it has one reporting unit.

Under ASC 350, the Company has the option to first assess qualitatively whether it is more likely than not that the fair value of a reporting unit is less than its carrying amount, including goodwill. In performing qualitative assessments, consistent with ASC 350-20-35-3C, the Company considers, among other factors, macroeconomic conditions (both in the United States and internationally), the Company's overall financial performance (including, but not limited to, comparisons to prior periods, current period internal expectations, and comparable peer companies), broader industry and market considerations, and the trading price performance of the Company's Class A common stock.

As of June 30, 2022 and December 31, 2021, the Company has recorded goodwill of \$317.7 million and \$344.4 million, respectively.

During the second quarter of 2022, the Company completed an interim qualitative assessment under ASC 350 to determine whether the existence of events or circumstances indicated that it was more likely than not that the fair value of its reporting unit was less than its respective carrying value. The Company concluded that based on the relevant events and circumstances, it was more likely than not that the reporting unit's fair value exceeded its related carrying value and therefore no quantitative assessment was required. No goodwill impairment charges were recorded for the three and six months ended June 30, 2022 and 2021.

Recently Adopted Accounting Standards

In August 2020, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2020-06, *Debt - Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging - Contracts in Entity’s Own Equity (Subtopic 815-40)*, which is intended to address issues identified as a result of the complexity associated with applying GAAP for certain financial instruments with characteristics of liabilities and equity. For convertible instruments, ASU 2020-06 reduces the number of accounting models for convertible debt instruments and convertible preferred stock, and enhances information transparency by making targeted improvements to the disclosures for convertible instruments and EPS guidance on the basis of feedback from financial statement users. ASU 2020-06 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2021. Early adoption was permitted, but no earlier than fiscal years beginning after December 15, 2020, including interim periods within those fiscal years. The Company adopted the new guidance on January 1, 2022 using the modified retrospective approach resulting in decreases in accumulated deficit of \$8.8 million, additional paid in capital of \$156.2 million, and deferred tax liability of \$1.0 million. The Company also recorded an increase in the convertible notes balance of \$148.4 million as a result of the reversal of the separation of the convertible debt between debt and equity. The adoption of this standard decreased the amount of non-cash interest expense to be recognized in current and future periods as a result of eliminating the discount associated with the equity component. For the three and six months ended June 30, 2022, the combined interest expense of the Convertible Notes was \$6.8 million and \$13.4 million lower, respectively, upon the adoption of ASU 2020-06. The number of diluted shares increased as a result of transitioning from the treasury stock method to the as-if converted method, but did not change the earnings per share for the three and six months ended June 30, 2022 and 2021 as the Company incurred a net loss in both reporting periods.

In May 2021, the FASB issued ASU 2021-04, *Earnings Per Share (Topic 260), Debt — Modifications and Extinguishments (Subtopic 470-50), Compensation—Stock Compensation (Topic 718), and Derivatives and Hedging—Contracts in Entity’s Own Equity (Subtopic 815-40)*, which is intended to provide clarity surrounding the treatment for a modification or an exchange of a freestanding equity-classified written call option. The amendments also provide guidance for the recognition and measurement of earnings-per-share (“EPS”) for certain modifications or exchanges of freestanding equity-classified written call options for entities that present EPS. The amendments do not affect a holder’s accounting for freestanding call options. ASU 2021-04 is effective for fiscal years beginning after December 15, 2021, including interim periods within those fiscal years. Early adoption was permitted, including adoption in an interim period. The Company adopted the new guidance on January 1, 2022. The Company did not have any modifications or exchanges of freestanding written call options classified in equity during the reporting period and therefore did not have an impact on its financial statements.

Recent Accounting Pronouncements Not Yet Adopted

The Company did not have any applicable recent accounting pronouncements not yet adopted.

3. Fair Value Measurements

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable and accrued expenses approximate fair value as of June 30, 2022 and December 31, 2021 because of the relatively short duration of these instruments. Marketable securities consist of corporate debt securities, U.S. treasury securities, and commercial paper not otherwise classified as cash equivalents. All marketable securities are considered to be available-for-sale and are recorded at their estimated fair values. Unrealized gain and losses for available-for-sale securities are recorded in other comprehensive (loss) income.

The Company evaluated its financial assets and liabilities subject to fair value measurements on a recurring basis to determine the appropriate level in which to classify them for each reporting period.

Notes to Condensed Consolidated Financial Statements (continued)

The following tables summarize the assets measured at fair value as of June 30, 2022 and December 31, 2021:

	Amortized cost or carrying value	Unrealized gains	Unrealized losses	Fair value measurements on a recurring basis June 30, 2022			
				Level 1	Level 2	Level 3	Total
(In thousands)							
Financial assets:							
Cash and cash equivalents:							
Money market account	\$ 51,970	\$ —	\$ —	\$ 51,970	\$ —	\$ —	\$ 51,970
Time deposits	2,500	—	—	2,500	—	—	2,500
Corporate debt securities	398	—	—	—	398	—	398
Commercial paper	22,642	—	—	22,642	—	—	22,642
Total included in cash and cash equivalents	<u>\$ 77,510</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 77,112</u>	<u>\$ 398</u>	<u>\$ —</u>	<u>\$ 77,510</u>
Marketable securities:							
Time deposits	\$ 9,545	\$ —	\$ (19)	\$ 9,526	\$ —	\$ —	\$ 9,526
U.S. treasury securities	17,279	—	(82)	17,197	—	—	17,197
Corporate debt securities	35,863	—	(137)	—	35,726	—	35,726
Commercial paper	75,213	—	(100)	75,113	—	—	75,113
Total marketable securities	<u>\$ 137,900</u>	<u>\$ —</u>	<u>\$ (338)</u>	<u>\$ 101,836</u>	<u>\$ 35,726</u>	<u>\$ —</u>	<u>\$ 137,562</u>
Total financial assets	<u>\$ 215,410</u>	<u>\$ —</u>	<u>\$ (338)</u>	<u>\$ 178,948</u>	<u>\$ 36,124</u>	<u>\$ —</u>	<u>\$ 215,072</u>

	Fair value measurements on a recurring basis December 31, 2021			
	Level 1	Level 2	Level 3	Total
(In thousands)				
Financial assets:				
Cash and cash equivalents:				
Money market account	\$ 241,157	\$ —	\$ —	\$ 241,157
Total financial assets	<u>\$ 241,157</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 241,157</u>

The Company classifies its marketable securities as current assets as they are available for current operating needs. The following table summarizes the contractual maturities of marketable securities as of June 30, 2022:

	Amortized cost	Aggregate fair value
	(In thousands)	
Financial assets:		
Less than one year	\$ 137,900	\$ 137,562
Total	<u>\$ 137,900</u>	<u>\$ 137,562</u>

As of June 30, 2022, the marketable securities were in an unrealized loss position. The Company has determined that (i) it does not have the intent to sell any of these investments, and (ii) it is not more likely than not that it will be required to sell any of these investments before recovery of the entire amortized cost basis. As of June 30, 2022, the Company anticipates that it will recover the entire amortized cost basis of its marketable securities before maturity.

During the three and six months ended June 30, 2022, there were no maturities of marketable securities. Interest earned on marketable securities was \$0.2 million in the three and six months ended June 30, 2022 respectively. The interest is recorded in other income (expense), net, on the accompanying condensed consolidated statements of operations.

As of June 30, 2022, the fair value of the 2026 Convertible Notes and 2028 Convertible Notes, as further described in Note 8, "Debt", was approximately \$280.0 million and \$151.3 million, respectively. As of December 31, 2021, the fair value of the 2026 Convertible Notes and the 2028 Convertible Notes was approximately \$427.1 million and \$194.2 million, respectively. The fair value was determined based on the closing price for the Convertible Notes on the last trading day of the reporting period and is considered as Level 2 in the fair value hierarchy.

4. Financial Statement Components

Accounts receivable, net of allowances consist of the following:

	As of June 30, 2022	As of December 31, 2021
	(In thousands)	
Trade accounts receivable	\$ 41,425	\$ 31,036
Unbilled accounts receivable	35,719	31,786
Allowance for doubtful accounts and reserve for expected credit losses	(945)	(1,661)
Other accounts receivable	419	411
Total accounts receivable, net	<u>\$ 76,618</u>	<u>\$ 61,572</u>

Components of allowance for doubtful accounts and reserve for expected credit losses are as follows:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Allowance for doubtful accounts:				
Balance, beginning of period	\$ (1,680)	\$ (1,218)	\$ (1,661)	\$ (1,203)
Charged to bad debt expense, net of reversals	322	(258)	181	(306)
Deductions (1)	381	118	492	128
Impact of foreign currency translation	32	(6)	43	17
Balance, end of period	<u>\$ (945)</u>	<u>\$ (1,364)</u>	<u>\$ (945)</u>	<u>\$ (1,364)</u>

(1) Write-off of uncollectible accounts after all collection efforts have been exhausted.

Accrued expenses and other current liabilities consisted of the following:

	As of June 30, 2022	As of December 31, 2021
	(In thousands)	
Accrued expense	\$ 29,098	\$ 31,264
Accrued compensation and benefits	14,871	19,042
Accrued sales, use, VAT and telecommunications related taxes	13,070	11,046
Current portion of finance lease	139	177
Income tax payable	4,471	3,420
Other accrued expenses	680	972
Total accrued expenses and other current liabilities	<u>\$ 62,329</u>	<u>\$ 65,921</u>

5. Right-of-Use Asset and Lease Liabilities

Right-of-use (“ROU”) assets represent the Company’s right to use an underlying asset for the lease term, and lease liabilities represent the Company’s obligation to make lease payments arising from the lease. The Company determines if an arrangement is a lease at inception. ROU assets and liabilities are recognized at commencement date based on the present value of lease payments over the lease term. Operating lease expense attributable to lease payments is recognized on a straight-line basis over the lease term and is part of allocated facilities costs based on employee headcount within the cost of revenue, research and development, sales and marketing, and general and administrative expense categories on the Company’s condensed consolidated statements of operations. Finance leases result in the recognition of depreciation expense, which is recognized on a straight-line basis over the expected life of the leased asset, and interest expense, which is recognized following an effective interest rate method. Depreciation expense attributable to finance leases is included in operating expenses on the Company’s condensed consolidated statements of operations. The Company presents the operating leases in long-term assets and current and long-term liabilities in the accompanying condensed consolidated balance sheets. Finance leases are reported in property, plant and equipment, net, accrued expenses and other current liabilities, and other liabilities on the Company’s condensed consolidated balance sheets.

The Company sub-leases approximately 17,073 square feet of office space to a related party, Relay, Inc. (f/k/a Republic Wireless, Inc.) (“Relay”). Future minimum sub-lease receipts required under the non-cancellable lease are as follows:

	As of June 30, 2022
	(In thousands)
2022 (remaining)	\$ 19

As of June 30, 2022, the Company had various leased properties in the United States and internationally, with remaining lease terms of one month to 4.5 years, some of which include options to extend the leases for up to 5 years. None of the options to extend the leases are recognized in operating lease ROU assets or lease liabilities. The Company has one lease with an early-termination option, which it does not expect to exercise.

The components of lease expense recorded in the consolidated statement of operations were as follows:

Notes to Condensed Consolidated Financial Statements (continued)

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Operating lease cost	\$ 2,090	\$ 1,689	\$ 4,228	\$ 3,303
Finance lease cost:				
Depreciation of assets	44	58	94	105
Interest on lease liabilities	4	9	7	9
Sublease income	(96)	(96)	(193)	(192)
Total net lease cost	\$ 2,042	\$ 1,660	\$ 4,136	\$ 3,225

During the three and six months ended June 30, 2022, short-term operating lease expense was \$0.1 million and \$0.2 million, respectively. During the three and six months ended June 30, 2021, short-term operating lease expense was \$0.4 million and \$0.7 million, respectively.

Supplemental balance sheet information related to leases was as follows:

Leases	Classification	As of June 30,	As of December 31,
		2022	2021
		(In thousands)	
Assets:			
Operating lease assets	Operating right-of-use asset, net (1)	\$ 13,211	\$ 14,061
Finance lease assets	Property, plant and equipment, net (2)	342	373
Total leased assets		\$ 13,553	\$ 14,434
Liabilities:			
Current			
Operating	Operating lease liability, current	\$ 7,136	\$ 5,807
Finance	Accrued expenses and other current liabilities	139	177
Non-current			
Operating	Operating lease liability, net of current portion	8,527	10,958
Finance	Other liabilities	195	202
Total lease liabilities		\$ 15,997	\$ 17,144

(1) Operating lease assets are recorded net of accumulated amortization of \$18.2 million and \$14.8 million as of June 30, 2022 and December 31, 2021, respectively.

(2) Finance lease assets are recorded net of accumulated depreciation of \$0.3 million and \$0.2 million as of June 30, 2022 and December 31, 2021, respectively.

Supplemental cash flow and other information related to leases was as follows:

	Six months ended June 30,	
	2022	2021
(In thousands)		
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows from operating leases	\$ 3,944	\$ 2,850
Financing cash flows from finance leases	126	105
	<u>\$ 4,070</u>	<u>\$ 2,955</u>
Weighted average remaining lease term (in years)		
Operating leases	2.48	3.36
Finance leases	2.36	2.72
Weighted average discount rate		
Operating leases	4.61 %	4.78 %
Finance leases	4.51 %	4.00 %

Maturities of lease liabilities were as follows:

	As of June 30,	
	2022	
	Operating Leases	Finance Leases
(In thousands)		
2022 (remaining)	\$ 3,458	\$ 81
2023	8,199	133
2024	2,597	91
2025	1,570	39
2026	637	11
Total lease payments	<u>16,461</u>	<u>355</u>
Less: imputed interest	(798)	(21)
Total lease obligations	<u>15,663</u>	<u>334</u>
Less: current obligations	(7,136)	(139)
Long-term lease obligations	<u>\$ 8,527</u>	<u>\$ 195</u>

On June 4, 2021, the Company purchased approximately 40 acres of undeveloped land (the "Property") in Raleigh, North Carolina, from the State of North Carolina (the "State") for \$30.0 million. Additionally, as consideration for the Property, the Company agreed to construct, at its expense, a parking lot and related improvements (the "Parking Improvements") on land owned by the State adjacent to the Property. Subsequent to the purchase of the Property, the Company sold a portion of the Property constituting approximately 23.76 acres (the "Conveyed Parcel") to USEF Edwards Mill Owner, LLC (the "Developer") for \$17.5 million. The Company retained approximately 17.06 acres of the Property, which was recorded at cost and is included in the Company's condensed consolidated balance sheet as a component of property, plant and equipment, net. A lease incentive was

recognized for the difference between the consideration received from the Developer for the Conveyed Parcel and the cost basis of the Conveyed Parcel and is included as a component of other liabilities on the condensed consolidated balance sheet. As of June 30, 2022, the balance of the lease incentive, including additional incentives obtained during project development, was \$6.9 million.

On May 27, 2021, the Company entered into a Lease Agreement (the “Lease”) with the Developer for the Conveyed Parcel, together with improvements for office and related infrastructure to be constructed thereon, collectively constituting approximately 534,000 gross square feet (the “Project”). The lease became effective upon closing of the sale of the Conveyed Parcel to the Developer. When construction of the Project is completed, the Company intends to relocate its corporate headquarters to the Project. The lease term will commence upon substantial completion of the final building to be delivered, as evidenced by a certificate of occupancy issued by the City of Raleigh (the “Commencement Date”), and continue for a period of twenty (20) years (the “Initial Term”). It is anticipated that the Commencement Date will occur in June 2023. The Company has the option to renew the Initial Term for two ten-year periods at a rental rate equal to 100% of the then-prevailing market rental rate for comparable buildings in the Raleigh, North Carolina, market. Upon the effective date, the Company deposited \$2.5 million with the Developer as security on the lease. The deposit is included in other long-term assets on the Company’s condensed consolidated balance sheet. Additionally, the Company made deposits of \$17.5 million to fund certain improvements expected to be constructed as part of the development of the Project.

No ROU assets or lease liabilities have been recognized in connection with the lease as of June 30, 2022. Future lease payments are included in Note 12, “Commitments and Contingencies.”

6. Property, Plant and Equipment

Property, plant and equipment, net consisted of the following:

	As of June 30, 2022	As of December 31, 2021
	(In thousands)	
Furniture and fixtures	\$ 2,199	\$ 2,240
Computer and office equipment	5,714	5,419
Telecommunications equipment	76,304	76,963
Leasehold improvements	6,302	6,970
Software	6,296	6,942
Internal-use software development	22,987	22,917
Automobile	612	616
Land	19,475	17,269
Total cost	139,889	139,336
Less—accumulated depreciation	(70,430)	(69,732)
Total property, plant and equipment, net	\$ 69,459	\$ 69,604

The Company capitalized \$0.5 million and \$1.2 million of software development costs for the three and six months ended June 30, 2022, respectively, and \$1.3 million and \$2.4 million for the three and six months ended June 30, 2021, respectively.

Amortization expense related to capitalized software development costs were \$0.5 million and \$1.0 million for the three and six months ended June 30, 2022, respectively, and \$0.5 million and \$0.9 million for the three and six months ended June 30, 2021, respectively. As of June 30, 2022, unamortized implementation costs related to cloud computing arrangements are \$0.4 million, of which \$0.2 million are included in prepaid expenses and other current assets and \$0.2 million are included in other long-term assets.

The Company leases automobiles under leases accounted for as finance leases with expiration dates ranging from September 23, 2022 to June 23, 2026. As of June 30, 2022, cost and accumulated depreciation of the assets under finance leases recorded by the Company were \$0.6 million and \$0.3 million, respectively.

The Company recognized depreciation expense, which includes amortization of capitalized software development costs, as follows:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Cost of revenue	\$ 3,362	\$ 3,060	\$ 6,738	\$ 6,206
Research and development	565	509	1,157	962
Sales and marketing	347	289	681	573
General and administrative	309	480	611	773
Total depreciation expense	\$ 4,583	\$ 4,338	\$ 9,187	\$ 8,514

7. Intangible Assets

Intangible assets, net consisted of the following as of June 30, 2022:

	Gross Amount	Accumulated Amortization	Net Carrying Value	Amortization Period
	(In thousands)			(In years)
Customer relationships	\$ 143,111	\$ (20,637)	\$ 122,474	15 - 20
Developed technology	75,308	(12,551)	62,757	10
Other, definite lived	2,828	(2,828)	—	2 - 7
Licenses, indefinite lived	624	—	624	Indefinite
Total intangible assets, net	\$ 221,871	\$ (36,016)	\$ 185,855	

Intangible assets, net consisted of the following as of December 31, 2021:

	Gross Amount	Accumulated Amortization	Net Carrying Value	Amortization Period
	(In thousands)			(In years)
Customer relationships	\$ 155,081	\$ (16,861)	\$ 138,220	15 - 20
Developed technology	82,548	(10,315)	72,233	10
Other, definite lived	3,158	(3,158)	—	2 - 7
Licenses, indefinite lived	764	—	764	Indefinite
Total intangible assets, net	\$ 241,551	\$ (30,334)	\$ 211,217	

The Company recognized amortization expense as follows:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Cost of revenue	\$ 1,934	\$ 2,175	\$ 3,966	\$ 4,351
Sales and marketing	2,400	2,689	4,934	5,380
Total amortization expense	\$ 4,334	\$ 4,864	\$ 8,900	\$ 9,731

The remaining weighted average amortization period for definite lived intangible assets is 11.5 years.

Future estimated amortization expense for definite lived intangible assets is as follows:

	As of June 30, 2022
	(In thousands)
2022 (remaining)	\$ 8,449
2023	16,898
2024	16,898
2025	16,898
2026	16,898
Thereafter	109,190
	<u>\$ 185,231</u>

8. Debt

Revolving Credit Facility

On June 6, 2022, the Company entered into a credit agreement (the “Credit Agreement”) among the Company, as borrower, the lenders from time to time party thereto, and Silicon Valley Bank as administrative agent, issuing lender and swingline lender. The Credit Agreement provides for a \$50.0 million revolving credit facility (the “Credit Facility”), including a \$20.0 million sublimit for the issuance of letters of credit and a swingline subfacility of up to \$5.0 million. The Credit Facility matures on June 6, 2025.

Interest on borrowings under the Credit Facility accrues at an annual rate tied to a base rate or the Secured Overnight Financing Rate (“SOFR”), at the Company’s election. Loans based on SOFR bear interest at a rate equal to SOFR plus an applicable margin between 1.50% and 2.00% depending upon the Company’s consolidated adjusted quick ratio for the immediately preceding quarter, and loans based on the base rate bear interest at a rate equal to the base rate plus an applicable margin between 0.50% and 1.00% depending upon the Company’s consolidated adjusted quick ratio for the immediately preceding quarter. The Company is required to pay a quarterly commitment fee equal to 0.0625% on the unused portion of the borrowing commitment. The Credit Agreement requires that the Company meet a minimum quick ratio on a quarterly basis if the Company does not maintain the minimum liquidity amount of \$70.0 million in cash and cash equivalents at all times.

As of June 30, 2022, unamortized debt issuance costs were \$0.5 million of which \$0.1 million were included in prepaid expenses and other current assets and \$0.4 million were included in other long-term assets.

As of June 30, 2022, there were no borrowings under the Credit Facility and the Company was in compliance with all financial and non-financial covenants for all periods presented. The available borrowing capacity under the Credit Facility was \$50.0 million as of June 30, 2022.

Convertible Senior Notes and Capped Call Transactions

2026 Convertible Notes

On February 28, 2020, the Company issued \$400.0 million aggregate principal amount of 0.25% Convertible Notes due March 1, 2026 in a private placement to qualified institutional buyers pursuant to Rule 144A under the Securities Act (the “2026 Convertible Notes”). The interest on the 2026 Convertible Notes is payable semi-annually in arrears on March 1 and September 1 of each year, beginning on September 1, 2020.

The 2026 Convertible Notes may bear special interest under specified circumstances relating to the Company’s failure to comply with its reporting obligations under the indenture governing the 2026 Convertible Notes (the “2026 Indenture”) or if the 2026 Convertible Notes are not freely tradeable as required by the 2026 Indenture. The 2026 Convertible Notes will mature on March 1, 2026, unless earlier repurchased, redeemed by the Company, or converted pursuant to their terms. The total net proceeds from the 2026 Convertible Notes, after deducting initial purchaser discounts, costs related to the 2026 Capped Calls (as defined herein), and debt issuance costs, paid by the Company, were approximately \$344.7 million.

Each \$0.001 principal amount of the 2026 Convertible Notes is initially convertible into 10.9857 shares of the Company’s Class A common stock, par value \$0.001 per share, which is equivalent to an initial conversion price of approximately \$91.03 per share. The conversion rate is subject to adjustment upon the occurrence of certain specified events but will not be adjusted for any accrued and unpaid special interest. In addition, upon the occurrence of a make-whole fundamental change, as defined in the 2026 Indenture, the Company will, in certain circumstances, increase the conversion rate by a number of additional shares for a holder that elects to convert its 2026 Convertible Notes in connection with such make-whole fundamental change or during the relevant redemption period.

The 2026 Convertible Notes will be redeemable in whole or in part at the Company’s option on or after March 6, 2023, but before the fortieth (40th) scheduled trading day before the maturity date, at a cash redemption price equal to 100% of the principal amount of the 2026 Convertible Notes to be redeemed, plus accrued and unpaid interest, if any, if the last reported sale price of the Class A common stock has been at least 130% of the conversion price then in effect for at least 20 trading days (whether or not consecutive) during any 30 consecutive trading days ending on, and including, the trading day immediately before the date the redemption notices were sent; and the trading day immediately before such notices were sent.

Prior to the close of business on the business day immediately preceding September 1, 2025, the 2026 Convertible Notes may be convertible at the option of the holders only under the following circumstances:

- (1) during any calendar quarter commencing after the calendar quarter ending on June 30, 2020 (and only during such calendar quarter), if the last reported sale price per share of the Company’s Class A common stock exceeds 130% of the conversion price for each of at least 20 trading days, whether or not consecutive, during the 30 consecutive trading days ending on, and including, the last trading day of the immediately preceding calendar quarter;
- (2) during the five consecutive business days immediately after any 10 consecutive trading day period (such 10 consecutive trading day period, the “measurement period”) in which the trading price per \$0.001 principal amount of 2026 Convertible Notes for each trading day of the measurement period was less than 98% of the product of the last reported sale price per share of the Company’s Class A common stock on such trading day and the conversion rate on such trading day;
- (3) upon the occurrence of certain corporate events or distributions on its Class A common stock; and
- (4) if the Company calls such 2026 Convertible Notes for redemption.

On or after September 1, 2025, until the close of business on the second scheduled trading day immediately preceding the maturity date, holders of the 2026 Convertible Notes may, at their option, convert all or a portion of their 2026 Convertible Notes regardless of the foregoing conditions.

Prior to and during the nine months ended September 30, 2021, the conditional conversion feature of the 2026 Convertible Notes was triggered as the last reported sale price of the Company's Class A common stock was more than or equal to 130% of the conversion price for at least 20 trading days (whether or not consecutive) in the period of 30 consecutive trading days ending on or after June 30, 2020 (the last trading day of the calendar quarter), and therefore the 2026 Convertible Notes were convertible, in whole or in part, at the option of the holders between July 1, 2020 through September 30, 2021. The conditional conversion feature of the 2026 Convertible Notes was not triggered from October 1, 2021 through June 30, 2022 as the last reported sale price of the Company's Class A common stock was not more than or equal to 130% of the conversion price for at least 20 trading days (whether or not consecutive) in the period of 30 consecutive trading days (the last trading day of the calendar quarter). Whether the 2026 Convertible Notes will be convertible following such period will depend on the satisfaction of this condition or another conversion condition in the future. The Company continues to classify the 2026 Convertible Notes as a long-term liability in its condensed consolidated balance sheet as of June 30, 2022, based on contractual settlement provisions.

Upon conversion, the Company will pay or deliver, as the case may be, cash, shares of Class A common stock, or a combination of cash and shares of Class A common stock, at the Company's election. It is the Company's current intent to settle the principal amount of the 2026 Convertible Notes with cash.

No sinking fund is provided for the 2026 Convertible Notes. Upon the occurrence of a fundamental change (as defined in the 2026 Indenture) prior to the maturity date, holders may require the Company to repurchase all or a portion of the 2026 Convertible Notes for cash at a price equal to the principal amount of the 2026 Convertible Notes to be repurchased, plus any accrued and unpaid interest to, but excluding, the fundamental change repurchase date.

In accounting for the issuance of the 2026 Convertible Notes, prior to the adoption of ASU 2020-06, the Company separated the 2026 Convertible Notes into liability and equity components. The carrying amount of the liability component was calculated by measuring the fair value of a similar debt instrument that does not have an associated convertible feature. The carrying amount of the equity component representing the conversion option was \$125.2 million and was determined by deducting the fair value of the liability component from the par value of the 2026 Convertible Notes. The difference represented the debt discount that was amortized to interest expense at an effective interest rate of 6.763% over the term of the 2026 Convertible Notes. The carrying amount of the equity component was \$57.5 million and is recorded in additional paid-in-capital. The equity component was not remeasured as long as it continued to meet the conditions for equity classification. The excess of the principal amount of the liability component over its carrying amount, or the debt discount, was amortized to interest expense at an annual effective interest rate of 6.907% over the contractual terms of the 2026 Convertible Notes. Upon adoption of ASU 2020-06 on January 1, 2022, the Company reversed the separation of the debt and equity component representing the conversion option and accounted for the 2026 Convertible Notes in their entirety as debt. The Company also reversed the amortization of the debt discount, with a cumulative adjustment to retained earnings on the adoption date.

In accounting for the transaction costs related to the 2026 Convertible Notes, prior to the adoption of ASU 2020-06, the Company allocated the total amount incurred to the liability and equity components of the 2026 Convertible Notes based on the proportion of the proceeds allocated to the debt and equity components. Issuance costs attributable to the liability component were approximately \$8.2 million, were recorded as an additional debt discount and amortized to interest expense using the effective interest method over the contractual terms of the 2026 Convertible Notes. Issuance costs attributable to the equity component of \$3.7 million were netted with the equity component in stockholders' equity. Upon adoption of ASU 2020-06 on January 1, 2022, the Company reversed the allocation of the issuance costs to the equity component and accounted for the entire amount as debt issuance cost.

that will be amortized as interest expense at an effective interest rate of 0.513% for the term of the 2026 Convertible Notes with a cumulative adjustment to retained earnings on the adoption date.

2028 Convertible Notes

On March 16, 2021, the Company issued \$250.0 million aggregate principal amount of 0.50% Convertible Notes due April 1, 2028 in a private placement to qualified institutional buyers pursuant to Rule 144A under the Securities Act (the “2028 Convertible Notes” and, together with the 2026 Convertible Notes, the “Convertible Notes”). The interest on the 2028 Convertible Notes is payable semi-annually in arrears on April 1 and October 1 of each year, beginning on October 1, 2021.

The 2028 Convertible Notes may bear special interest under specified circumstances relating to the Company’s failure to comply with its reporting obligations under the indenture governing the 2028 Convertible Notes (the “2028 Indenture”) or if the 2028 Convertible Notes are not freely tradeable as required by the 2028 Indenture. The 2028 Convertible Notes will mature on April 1, 2028, unless earlier repurchased, redeemed by the Company, or converted pursuant to their terms. The total net proceeds from the 2028 Convertible Notes, after deducting initial purchaser discounts, costs related to the 2028 Capped Calls (as defined herein), and debt issuance costs, paid by the Company, were approximately \$217.0 million.

Each \$0.001 principal amount of the 2028 Convertible Notes is initially convertible into 5.5781 shares of the Company’s Class A common stock, par value \$0.001 per share, which is equivalent to an initial conversion price of approximately \$179.27 per share. The conversion rate is subject to adjustment upon the occurrence of certain specified events but will not be adjusted for any accrued and unpaid special interest. In addition, upon the occurrence of a make-whole fundamental change, as defined in the 2028 Indenture, the Company will, in certain circumstances, increase the conversion rate by a number of additional shares for a holder that elects to convert its 2028 Convertible Notes in connection with such make-whole fundamental change or during the relevant redemption period.

The 2028 Convertible Notes will be redeemable in whole or in part at the Company’s option on or after April 6, 2025, but before the fortieth (40th) scheduled trading day before the maturity date, at a cash redemption price equal to 100% of the principal amount of the 2028 Convertible Notes to be redeemed, plus accrued and unpaid interest, if any, if the last reported sale price of the Class A common stock has been at least 130% of the conversion price then in effect for at least 20 trading days (whether or not consecutive) during any 30 consecutive trading days ending on, and including, the trading day immediately before the date the redemption notices were sent; and the trading day immediately before such notices were sent.

On or after April 6, 2025 until the close of business on the scheduled trading day immediately preceding the maturity date, the 2028 Convertible Notes may be convertible at the option of the holders only under the following circumstances:

- (1) during any calendar quarter commencing after the calendar quarter ending on June 30, 2021 (and only during such calendar quarter), if the last reported sale price per share of the Company’s Class A common stock exceeds 130% of the conversion price for each of at least 20 trading days, whether or not consecutive, during the 30 consecutive trading days ending on, and including, the last trading day of the immediately preceding calendar quarter;
- (2) during the five consecutive business days immediately after any 10 consecutive trading day period (such 10 consecutive trading day period, the “measurement period”) in which the trading price per \$0.001 principal amount of 2028 Convertible Notes for each trading day of the measurement period was less than 98% of the product of the last reported sale price per share of the Company’s Class A common stock on such trading day and the conversion rate on such trading day;
- (3) upon the occurrence of certain corporate events or distributions on its Class A common stock; and

- (4) if the Company calls such 2028 Convertible Notes for redemption.

On or after October 1, 2027, until the close of business on the second scheduled trading day immediately preceding the maturity date, holders of the 2028 Convertible Notes may, at their option, convert all or a portion of their Convertible Notes regardless of the foregoing conditions.

Prior to and during the three and six months ended June 30, 2022 and 2021, the conditional conversion feature of the 2028 Convertible Notes was not triggered as the last reported sale price of the Company's Class A common stock was not more than or equal to 130% of the conversion price for at least 20 trading days (whether or not consecutive) in the period of 30 consecutive trading days (the last trading day of the calendar quarter). Whether the 2028 Convertible Notes will be convertible following such period will depend on the satisfaction of this condition or another conversion condition in the future. The Company continues to classify the 2028 Convertible Notes as a long-term liability in its condensed consolidated balance sheet as of June 30, 2022, based on contractual settlement provisions.

Upon conversion, the Company will pay or deliver, as the case may be, cash, shares of Class A common stock, or a combination of cash and shares of Class A common stock, at the Company's election. It is the Company's current intent to settle the principal amount of the 2028 Convertible Notes with cash.

No sinking fund is provided for the 2028 Convertible Notes. Upon the occurrence of a fundamental change (as defined in the 2028 Indenture) prior to the maturity date, holders may require the Company to repurchase all or a portion of the 2028 Convertible Notes for cash at a price equal to the principal amount of the 2028 Convertible Notes to be repurchased, plus any accrued and unpaid interest to, but excluding, the fundamental change repurchase date.

In accounting for the issuance of the 2028 Convertible Notes, prior to the adoption of ASU 2020-06, the Company separated the 2028 Convertible Notes into liability and equity components. The carrying amount of the liability component was calculated by measuring the fair value of a similar debt instrument that does not have an associated convertible feature. The carrying amount of the equity component representing the conversion option was \$66.9 million and was determined by deducting the fair value of the liability component from the par value of the 2028 Convertible Notes. The difference represents the debt discount that was amortized to interest expense at an effective interest rate of 5.125% over the term of the 2028 Convertible Notes. The carrying amount of the equity component was \$39.4 million and was recorded in additional paid-in-capital. The equity component was not remeasured as long as it continued to meet the conditions for equity classification. The excess of the principal amount of the liability component over its carrying amount, or the debt discount, was amortized to interest expense at an annual effective interest rate of 4.959% over the contractual terms of the 2028 Convertible Notes. Upon adoption of ASU 2020-06 on January 1, 2022, the Company reversed the separation of the debt and equity component representing the conversion option and accounted for the 2028 Convertible Notes in their entirety as debt. The Company also reversed the amortization of the debt discount, with a cumulative adjustment to retained earnings on the adoption date.

In accounting for the transaction costs related to the 2028 Convertible Notes, prior to the adoption of ASU 2020-06, the Company allocated the total amount incurred to the liability and equity components of the 2028 Convertible Notes based on the proportion of the proceeds allocated to the debt and equity components. Issuance costs attributable to the liability component were approximately \$5.5 million, were recorded as an additional debt discount and amortized to interest expense using the effective interest method over the contractual terms of the 2028 Convertible Notes. Issuance costs attributable to the equity component of \$2.0 million were netted with the equity component in stockholders' equity. Upon adoption of ASU 2020-06 on January 1, 2022, the Company reversed the allocation of the issuance costs to the equity component and accounted for the entire amount as debt issuance cost that will be amortized as interest expense at an effective interest rate of 0.442% for the term of the 2028 Convertible Notes with a cumulative adjustment to retained earnings on the adoption date.

As discussed above, upon adoption of ASU 2020-06, the Company reversed the separation of the debt and equity components of the 2026 and 2028 Convertible Notes, and accounted for the Convertible Notes wholly as debt. Additionally, the issuance costs of the 2026 and 2028 Convertible Notes were accounted for as debt issuance costs in their entirety. There is no longer a net carrying amount for the equity component as of the adoption date, January 1, 2022.

The net carrying amount of the liability components of the 2026 and 2028 Convertible Notes were as follows:

	As of June 30, 2022	As of December 31, 2021
	(In thousands)	
2026 Convertible Notes:		
Principal	\$ 400,000	\$ 400,000
Unamortized discount	N/A	(92,034)
Unamortized debt issuance costs	(7,344)	(6,043)
2026 Convertible Notes net carrying amount	<u>\$ 392,656</u>	<u>\$ 301,923</u>
2028 Convertible Notes:		
Principal	\$ 250,000	\$ 250,000
Unamortized discount	N/A	(60,488)
Unamortized debt issuance costs	(6,182)	(4,995)
2028 Convertible Notes net carrying amount	<u>\$ 243,818</u>	<u>\$ 184,517</u>
Total net carrying amount	<u>\$ 636,474</u>	<u>\$ 486,440</u>

The net carrying amount of the equity components of the 2026 and 2028 Convertible Notes were as follows:

	As of June 30, 2022	As of December 31, 2021
	(In thousands)	
2026 Convertible Notes:		
Proceeds allocated to the conversion options (debt discount)	N/A	\$ 125,152
Issuance costs	N/A	(3,742)
2026 Convertible Notes net carrying amount	<u>N/A</u>	<u>\$ 121,410</u>
2028 Convertible Notes:		
Proceeds allocated to the conversion options (debt discount)	N/A	\$ 66,908
Issuance costs	N/A	(2,019)
2028 Convertible Notes net carrying amount	<u>N/A</u>	<u>\$ 64,889</u>
Total net carrying amount	<u>N/A</u>	<u>\$ 186,299</u>

The following table sets forth the interest expense recognized related to the 2026 and 2028 Convertible Notes:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
2026 Convertible Notes:	(In thousands)			
Contractual interest expense	\$ 250	\$ 250	\$ 500	\$ 500
Amortization of debt discount ⁽¹⁾	N/A	4,587	N/A	9,097
Amortization of debt issuance costs	496	301	991	597
Total interest expense related to the 2026 Convertible Notes	\$ 746	\$ 5,138	\$ 1,491	\$ 10,194
2028 Convertible Notes:				
Contractual interest expense	\$ 313	\$ 313	\$ 626	\$ 365
Amortization of debt discount ⁽¹⁾	N/A	2,004	N/A	2,337
Amortization of debt issuance costs	265	166	530	194
Total interest expense related to the 2028 Convertible Notes	\$ 578	\$ 2,483	\$ 1,156	\$ 2,896
Total interest expense	\$ 1,324	\$ 7,621	\$ 2,647	\$ 13,090

⁽¹⁾ Upon adoption of ASU 2020-06, the debt discount associated with the equity component on convertible debt outstanding was reversed, which resulted in a decrease in the amount of non-cash interest expense to be recognized going forward.

In connection with the offering of the 2026 Convertible Notes and the 2028 Convertible Notes, the Company entered into privately negotiated capped call transactions with certain counterparties (the “2026 Capped Calls” and the “2028 Capped Calls,” respectively and, collectively, the “Capped Calls”). The 2026 Capped Calls and the 2028 Capped Calls each have an initial strike price of approximately \$91.03 and \$179.27 per share, respectively, subject to certain adjustments, which corresponds to the initial conversion price of the 2026 Convertible Notes and the 2028 Convertible Notes. The 2026 Capped Calls and the 2028 Capped Calls have initial cap prices of \$137.40 and \$260.76 per share subject to certain adjustments, respectively. The 2026 Capped Calls and the 2028 Capped Calls cover, subject to anti-dilution adjustments, approximately 4,394,276 and 1,394,525 shares of Class A common stock for the 2026 Convertible Notes and 2028 Convertible Notes, respectively. The Capped Calls are generally intended to reduce or offset the potential dilution to the Class A common stock upon any conversion of the 2026 Convertible Notes and 2028 Convertible Notes with such reduction or offset, as the case may be, subject to a cap based on the cap price. The Capped Calls expire on the earlier of (i) the last day on which any convertible securities remain outstanding and (ii) March 1, 2026 for the 2026 Capped Calls and April 1, 2028 for the 2028 Capped Calls, subject to earlier exercise. The Capped Calls are subject to either adjustment or termination upon the occurrence of specified extraordinary events affecting the Company, including a merger event, a tender offer, and a nationalization, insolvency or delisting involving the Company. In addition, the Capped Calls are subject to certain specified additional disruption events that may give rise to a termination of the Capped Calls, including changes in law, insolvency filings, and hedging disruptions. The Capped Call transactions are recorded in stockholders’ equity and are not accounted for as derivatives. The net cost of \$43.3 million and \$25.5 million incurred to purchase the 2026 Capped Calls and the 2028 Capped Calls, respectively, was recorded as a reduction to additional paid-in capital in the accompanying condensed consolidated balance sheets.

The Convertible Notes are effectively subordinated to the Company’s future senior secured indebtedness, including the Credit Facility, to the extent of the value of the collateral securing that indebtedness. The Convertible notes are the senior, unsecured obligations of the Company and are equal in right of payment with the Company’s future senior unsecured indebtedness, if any, senior in right of payment to the Company’s existing and future

indebtedness that is expressly subordinated to the Convertible Notes and the Convertible Notes will be structurally subordinated to all existing and future indebtedness and other liabilities, including trade payables, and preferred equity, if any, of the Company's subsidiaries.

9. Geographic Information

The Company's long-lived assets were primarily held in the United States as of June 30, 2022 and December 31, 2021. As of June 30, 2022 and December 31, 2021, long-lived assets held outside of the United States were \$10.3 million and \$9.2 million, respectively.

The Company generates its revenue primarily in the United States. Revenue by geographic area is detailed in the table below (which is determined based on the customer billing address):

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
United States	\$ 121,379	\$ 106,905	\$ 237,264	\$ 207,703
International	15,110	13,753	30,589	26,434
Total	\$ 136,489	\$ 120,658	\$ 267,853	\$ 234,137

10. Stockholders' Equity

Preferred Stock

As of June 30, 2022 and December 31, 2021, the Company had authorized 10,000,000 shares of undesignated preferred stock, par value \$0.001, of which no shares were issued and outstanding.

Common Stock

As of June 30, 2022 and December 31, 2021, the Company had authorized 100,000,000 shares of Class A common stock, par value \$0.001 per share, with one vote per share and 20,000,000 shares of Class B common stock, par value \$0.001 per share, with ten votes per share.

As of June 30, 2022, 23,334,664 and 1,965,170 shares of Class A common stock and Class B common stock, respectively, were issued and outstanding.

As of December 31, 2021, 23,177,988 and 1,965,170 shares of Class A common stock and Class B common stock, respectively, were issued and outstanding.

Shares of Class B common stock are convertible into shares of Class A common stock upon the stockholder's voluntary written notice to the Company's transfer agent or a transfer by the stockholder, subject to limited exceptions for transfers for estate planning purposes.

Reserved Shares

The Company had reserved shares of Class A common stock for issuance under stock-based award agreements as follows:

	As of June 30, 2022	As of December 31, 2021
Stock options issued and outstanding	159,827	180,209
Nonvested restricted stock units issued and outstanding	920,610	344,486
Stock-based awards available for grant under the 2017 Plan	3,610,115	3,060,674
	<u>4,690,552</u>	<u>3,585,369</u>

11. Stock-Based Compensation**2010 Stock Option Plan**

As of July 26, 2010, the Company adopted the 2010 Equity Compensation Plan (the “2010 Plan”). On November 9, 2017, the 2010 Plan was terminated in connection with the Company’s initial public offering. Accordingly, no shares are available for future issuance under the 2010 Plan. However, the 2010 Plan continues to govern the terms and conditions of the outstanding awards granted thereunder.

2017 Incentive Award Plan

The Company’s 2017 Incentive Award Plan (the “2017 Plan”) became effective on November 9, 2017. The 2017 Plan provides for the grant of stock options, including incentive stock options and non-qualified stock options, stock appreciation rights, restricted stock, dividend equivalents, restricted stock units, and other stock or cash based awards to employees, consultants and directors of the Company. A total of 1,050,000 shares of the Company’s Class A common stock were originally reserved for issuance under the 2017 Plan. These available shares automatically increase each January 1, beginning on January 1, 2018, by 5% of the number of shares of the Company’s Class A common stock outstanding on the final day of the immediately preceding calendar year. On January 1, 2022, the shares available for grant under the 2017 Plan were automatically increased by 1,158,900 shares.

The terms of the stock option grants are determined by the Company’s Board of Directors. The Company’s stock options vest based on terms of the stock option agreements, which is generally over four years. The stock options have a contractual life of ten years.

Restricted stock units (“RSUs”) granted under the 2017 Plan are generally subject to a time-based vesting condition. The compensation expense related to these awards is based on the grant date fair value of the RSUs and is recognized on a ratable basis over the applicable service period. The Company granted RSUs to its non-employee members of the Board of Directors, some of which vested immediately while others vest 25% as of each calendar quarter immediately following the grant date. Certain RSUs awarded to executives vest over four years with 50% vesting in the first year in 12.5% increments on each calendar quarter immediately following the grant date and the remaining 50% earned over years two, three and four. Other RSUs awarded to executives and employees generally are earned over a service period of four years.

Stock Options

The following summarizes the stock option activity for the periods presented:

	Number of options outstanding	Weighted- average exercise price (Per share)	Weighted- average remaining contract life (In years)	Aggregate intrinsic value (In thousands)
Outstanding as of December 31, 2021	180,209	\$ 10.14	3.39	\$ 11,104
Granted	—	—		
Exercised	(20,382)	7.95		
Forfeited or cancelled	—	—		
Outstanding as of June 30, 2022	<u>159,827</u>	\$ 10.42	3.07	\$ 1,385
Options vested and exercisable at June 30, 2022	<u>159,827</u>	\$ 10.42	3.07	\$ 1,385
Options vested and expected to vest as of June 30, 2022	<u>159,827</u>	\$ 10.42	3.07	\$ 1,385
	Three months ended June 30,	Six months ended June 30,		
	2022	2021	2022	2021
	(In thousands)			
Aggregate intrinsic value of stock options exercised	\$ 59	\$ 481	\$ 634	\$ 8,179
Total estimated grant date fair value of options vested	—	24	—	45

Aggregate intrinsic value is computed based on the difference between the option exercise price and the fair value of the Company's common stock as of June 30, 2022, based on the Company's Class A common stock price as reported on the NASDAQ Global Select Market.

No options were granted for the three and six months ended June 30, 2022 and 2021.

As of June 30, 2022, the Company had no unrecognized compensation cost related to non-vested stock options. All outstanding stock options are fully vested.

Restricted Stock Units

The following summarizes the RSU activity for the period presented:

	Number of awards outstanding	Weighted-average grant date fair value (Per share)
Nonvested RSUs as of December 31, 2021	344,486	\$ 82.38
Granted	812,849	53.78
Vested	(173,328)	58.79
Forfeited or cancelled	(63,397)	80.31
Nonvested RSUs as of June 30, 2022	<u>920,610</u>	\$ 61.88

As of June 30, 2022, total unrecognized compensation cost related to non-vested RSUs was \$50.2 million, which will be amortized over a weighted-average period of 3.18 years.

Stock-Based Compensation Expense

The Company recognized total stock-based compensation expense as follows:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Cost of revenue	\$ 91	\$ 94	\$ 190	\$ 195
Research and development	1,663	935	3,531	2,015
Sales and marketing	727	534	1,626	1,244
General and administrative	2,340	1,814	4,820	4,313
Total	\$ 4,821	\$ 3,377	\$ 10,167	\$ 7,767

12. Commitments and Contingencies**Operating Leases**

The Company leases office space under operating lease agreements that expire over the next 4.5 years. See Note 5, “Right-of-Use Asset and Lease Liabilities” to the condensed consolidated financial statements, for additional details on the Company’s operating lease commitments.

Contractual Obligations

On October 25, 2015, the Company entered into an agreement with a telecommunications service provider. The service agreement requires the Company to pay a monthly recurring charge associated with the services received. The service agreement is non-cancellable and contains annual minimum commitments. On August 1, 2020, the Company amended the agreement to require annual minimum commitments of \$0.3 million and \$0.6 million in 2022 and 2021, respectively. In addition, as of June 30, 2022, the Company has \$18.8 million in other non-cancellable purchase obligations, consisting of primarily network equipment maintenance and software license contracts, of which \$15.1 million will be fulfilled within one year.

On May 27, 2021, the Company entered into the Lease with the Developer for the Conveyed Parcel, together with the Project. The respective obligations of the Company and the Developer under the Lease were conditioned upon the Developer acquiring fee simple title to the Conveyed Parcel, which occurred on June 4, 2021. The Lease term will commence upon the Commencement Date and continue for the Initial Term. It is anticipated that the Commencement Date will occur in June 2023. If the Commencement Date does not occur within one hundred twenty (120) days from the scheduled Commencement Date, the Company shall be entitled to certain rent abatements, as described in the Lease. If the Commencement Date is not delivered within twelve (12) months of the scheduled Commencement Date, the Company may terminate the Lease.

The Company has the option to renew the Initial Term for two ten-year periods. Base rent payments will begin on the Commencement Date. The initial base rent will increase by 1.85% on each anniversary of the Commencement Date. Total lease payments over the Initial Term are approximately \$495.7 million. See Note 5, “Right-of-Use Asset and Lease Liabilities” to the condensed consolidated financial statements, for additional details on the Company's operating lease commitments.

Legal Matters

The Company is involved as a defendant in various litigation, including, but not limited to, lawsuits alleging that the Company failed to bill, collect and remit certain taxes and surcharges associated with the provision of 911 services pursuant to applicable laws in various jurisdictions.

While the results of these legal proceedings cannot be predicted with certainty, in the opinion of management, the ultimate resolution of these matters will not have a material adverse effect on the Company's financial position or results of operations.

13. Employee Benefit Plans

The Company sponsors a U.S. defined contribution 401(k), which allows eligible U.S.-based employees to defer a portion of their compensation. The Company, at its discretion, may make matching contributions. With the acquisition of Voxbone S.A. on November 1, 2020, the Company assumed sponsorship for Voxbone S.A.'s U.S. defined contribution 401(k). In connection with that acquisition, the Company also assumed sponsorship for a non-U.S. defined contribution plan for which it pays fixed contributions into a separate entity. The Company has no legal or constructive obligations to pay further contributions if the fund does not hold sufficient assets to pay all employees the benefits relating to employee service in the current or prior periods. The contributions are recognized as employee benefit expense when they are due. The Company made matching contributions for the defined contribution plans of \$1.0 million and \$2.2 million for the three and six months ended June 30, 2022, respectively, and \$0.8 million and \$1.8 million for the three and six months ended June 30, 2021, respectively.

In addition, as a result of the acquisition of Voxbone S.A., the Company assumed sponsorship for Voxbone S.A.'s non-U.S. defined benefit pension plans. The liability recognized is the present value of the defined benefit obligation at the end of the reporting period less the fair value of the plan assets and is included in other liabilities in the accompanying condensed consolidated balance sheets. The defined benefit obligation is calculated annually by an independent actuary using the Projected Unit Credit Method.

The Company reports the service cost component of net periodic benefit cost in the same line item as other compensation costs arising from the services rendered by the employee and records the other components of net periodic benefit cost in other expense, net.

14. Income Taxes

At the end of each interim reporting period, the Company determines the income tax provision by using an estimate of the annual effective tax rate, adjusted for discrete items occurring in the quarter. The effective income tax rate reflects the effect of federal and state income taxes and the permanent impacts of differences in book and tax accounting.

The Company's effective tax rate was 6.3% and 1.8% for the three and six months ended June 30, 2022, respectively, and (4.1)% and 0.5% for the three and six months ended June 30, 2021, respectively. The increases in the effective tax rates are primarily due to an increase in tax benefit resulting from additional operating losses outside of the U.S. which are not offset by a valuation allowance.

Judgment is required in determining whether deferred tax assets will be realized in full or in part. Management assesses the available positive and negative evidence on a jurisdictional basis to estimate if deferred tax assets will be recognized and when it is more likely than not that all or some deferred tax assets will not be realized, and a valuation allowance must be established. As of June 30, 2022, the Company continues to maintain a valuation allowance for its U.S. federal and state net deferred tax assets.

The Company's effective tax rate for the three and six months ended June 30, 2022 differed from the federal statutory tax rate of 21.0% in the U.S. primarily due to the valuation allowance recognized against federal

and state deferred tax assets in the U.S. Other permanent tax adjustments within the effective tax rate, which are offset by the valuation allowance, include state taxes, federal research credit under Internal Revenue Code Section 41, equity compensation in the U.S. and other U.S. non-deductible expenditures.

15. Related Parties

The Company has certain involvement with Relay, Inc. (f/k/a Republic Wireless, Inc.) (“Relay”) via ongoing services arrangements, including a Facilities Sharing Agreement and a Master Services Agreement. Amounts charged under these arrangements totaled \$0.4 million and \$0.8 million for the three and six months ended June 30, 2022, respectively, and \$0.5 million and \$0.9 million for the three and six months ended June 30, 2021, respectively. Amounts due under these arrangements totaled less than \$0.1 million and \$0.1 million as of June 30, 2022 and December 31, 2021, respectively.

16. Basic and Diluted Loss per Common Share

Basic net loss per share is computed by dividing net loss by the weighted-average number of shares of common stock outstanding during the period. The Company is in a net loss position for the three and six months ended June 30, 2022 and 2021 and therefore diluted shares equals basic shares.

The components of basic and diluted loss per share are as follows:

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
(In thousands, except share and per share amounts)				
<i>Earnings per share</i>				
Net loss attributable to common stockholders	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)
Net loss per share, basic and diluted	\$ (0.25)	\$ (0.28)	\$ (0.52)	\$ (0.49)
Weighted average number of common shares outstanding, basic and diluted	25,279,615	25,096,026	25,249,998	25,056,208

The following common share equivalents were excluded from the weighted average shares used to calculate net loss per common share because their effects would have been anti-dilutive:

	As of June 30,	
	2022	2021
Stock options issued and outstanding	159,827	191,971
Restricted stock units issued and outstanding	920,610	380,808
Convertible senior notes ⁽¹⁾⁽²⁾	5,788,805	1,509,313
Total	6,869,242	2,082,092

⁽¹⁾ As of June 30, 2022, subsequent to adopting ASU 2020-06 as of January 1, 2022, the Company used the if-converted method to calculate the dilutive impact of the 2026 Convertible Notes and 2028 Convertible Notes on diluted income per share, if applicable. The Company expected to settle the principal amount of these notes in cash and any excess in shares of the Company's Class A common stock. The diluted shares were calculated based on the initial conversion rate of 10.9857 and 5.5781 shares per \$0.001 of the aggregate principal amount for the 2026 Convertible Notes and 2028 Convertible Notes, respectively. See Note 2, "Summary of Significant Accounting Policies" to the condensed consolidated financial statements, for additional details on the adoption of ASU 2020-06 and Note 8, "Debt" to the condensed consolidated financial statements, for additional details on the Company's Convertible Notes.

⁽²⁾ As of June 30, 2021, the Company used the treasury stock method to calculate the dilutive impact of the 2026 Convertible Notes and the 2028 Convertible Notes because at that time the Company expected to settle the principal amount of these notes in cash and any excess in shares of the Company's Class A common stock. As of June 30, 2021, the conversion spread, calculated using the average market price of Class A common stock during the period consistent with the treasury stock method, had a dilutive impact for the 2026 Convertible Notes on diluted net income per share of Class A common stock when the average market price of the Company's Class A common stock for a given period exceeded the conversion price of \$91.03 per share. As of June 30, 2021, the conversion spread for the 2028 Convertible Notes was anti-dilutive as the average market price of the Company's Class A common stock for a given period did not exceed the conversion price of \$179.27 per share.

Management's Discussion and Analysis

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with our condensed consolidated financial statements and related notes that are included elsewhere in this Quarterly Report on Form 10-Q. This discussion contains forward-looking statements based upon current plans, expectations and beliefs that involve risks and uncertainties. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of various factors, including those set forth under "Risk Factors" in this Quarterly Report on Form 10-Q. Our fiscal year ends on December 31.

Overview

We are a leading global enterprise cloud communications company. Our solutions include a broad range of software Application Programming Interfaces ("APIs") for voice, messaging and emergency services. Our sophisticated and easy-to-use software APIs allow enterprises to enhance their products and services by incorporating advanced, global connectivity for voice, messaging and emergency services communications capabilities. Companies use our platform to more frequently and seamlessly connect with their end users, add voice calling capabilities to applications and devices, transition from on-premise to cloud-based communication tools and applications, integrate messaging capabilities into applications or software, build interactive voice response systems for contact centers, and offer end users new mobile application experiences including emergency services and improve employee productivity, among other use cases. We have established a reputation as a leader in the Communications Platform-as-a-Service ("CPaaS") space through our innovation-rich culture and focus on empowering enterprises with end-to-end communications solutions.

We are the only CPaaS provider in the industry that owns and operates a nationwide IP voice network in the United States. In 2020, we acquired Voxbone, a leading European-based communications platform with its own IP voice network assembled by building relationships with local carriers around the globe. Our deep U.S. presence and global platform extending across more than 60 countries serves enterprises in countries representing more than 90% of global gross domestic product. We believe that our current and future customers will benefit from using a unified software platform, network and team to serve people around the world.

Our voice software APIs allow enterprises to make and receive phone calls and create advanced voice experiences. Integration with our purpose-built IP voice network ensures enterprise-grade functionality and secure, high-quality connections. Our messaging software APIs provide enterprises with advanced tools to connect with end users via messaging. Our customers also use our solutions to enable 911 response capabilities, real-time provisioning and activation of phone numbers and toll-free number messaging.

We believe our network is capital-efficient and supports the applications and experiences that make a difference in the way enterprises communicate. Since a communications platform is only as strong as the network that backs it, we believe our network provides a significant competitive advantage in the control, quality, pricing power and scalability of our offering. We are able to control the quality and provide the support our customers expect, while meeting regulatory, scalability and cost requirements more efficiently.

For the three months ended June 30, 2022 and 2021, total revenue was \$136 million, and \$121 million, respectively, representing an increase of 13%. For the three months ended June 30, 2022 and 2021, net loss was \$6 million and \$7 million, respectively. As of June 30, 2022 and 2021, the number of active customer accounts was 3,362 and 3,085, respectively, representing a year-over-year increase of 9%.

Segment Reporting Update and Cost Alignment

As a result of certain changes in our business during the quarter ended March 31, 2022, we re-evaluated our segment reporting and determined that one segment was appropriate, rather than the previously reported segments comprising "CPaaS" and "Other". The primary drivers for this change were the strategic alignment of our operating departments and the sale of certain immaterial legacy businesses.

Management's Discussion and Analysis

Additionally, during the quarter ended March 31, 2022, we changed our presentation of certain costs to align with benchmarked definitions of cost of revenue, research and development, sales and marketing and general and administrative expenses. See Note 2, "Summary of Significant Accounting Policies," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for additional information. For both matters, prior period information has been conformed to the current period presentation.

The following is a comparison of the change in costs to the prior period:

	Three months ended June 30, 2021		Six months ended June 30, 2021	
	As reported	As previously reported	As reported	As previously reported
	(In thousands)			
Statement of Operations				
Cost of revenue	\$ 67,177	\$ 66,059	\$ 129,498	\$ 127,387
Research and development	16,390	12,817	33,179	26,150
Sales and marketing	20,205	12,584	39,315	24,576
General and administrative	15,952	28,264	31,248	55,127

COVID-19 Update

The novel coronavirus ("COVID-19") pandemic persisted throughout 2021 and remains an issue today, impacting areas of the United States and the rest of the world to varying degrees. The broader implications of COVID-19 on our results of operations and overall financial performance remain uncertain. The COVID-19 pandemic and its adverse effects have been prevalent in the locations where we, our customers, suppliers and third-party business partners conduct business. We acknowledge there may be additional impacts to the economy and our business going forward as a result of COVID-19, and we expect there may be some volatility in customer demand and buying habits as the pandemic continues. Our U.S. offices have remained open to employees, subject to applicable government regulations. Appropriate measures are being taken to protect the health of our employees who return to the office. We have also reinstated business travel, subject to applicable government regulations. As the COVID-19 pandemic abates, we may experience curtailed customer demand that could materially adversely impact our business, results of operations and overall financial performance in future periods. Specifically, we may experience impact from enterprises reducing usage of our services or delaying decisions to implement our services. As a result, the effect of the COVID-19 pandemic will not be reflected fully in our results of operations and overall financial performance until future periods. See "Item 1A. Risk Factors" for further discussion of the possible impact of the COVID-19 pandemic on our business.

DDoS Attack

Beginning on September 25, 2021, our communications network was subjected to a distributed denial of service attack (the "DDoS Attack") initially causing intermittent communications services disruptions affecting certain of our markets and customers. A DDoS attack is a malicious attempt to disrupt the normal traffic of a targeted server, service or network by overwhelming the target or its surrounding infrastructure with a flood of unwanted internet traffic from multiple sources, resulting in the slowdown or blockage of legitimate traffic. Our mitigation efforts, in conjunction with our partners from leading cybersecurity firms, have proven successful. Our network has been largely stable and operating at normal service levels since the evening of September 29, 2021, although there have been some continued intermittent disruptions.

Management's Discussion and Analysis

Key Performance Indicators

We monitor the following key performance indicators ("KPIs") to help us evaluate our business, identify trends affecting our business, formulate business plans, and make strategic decisions. We believe the following KPIs are useful in evaluating our business:

	Three months ended June 30,	
	2022	2021
	(Dollars in thousands)	
Number of active customers (as of period end) ⁽¹⁾	3,362	3,085
Dollar-based net retention rate ⁽¹⁾	112 %	128 %

⁽¹⁾ As a result of the change in revenue segment reporting, our KPIs of active customers and dollar-based net retention rates disclosed in previous SEC filings, press releases and presentations prior to reporting periods ending March 31, 2022, will not be directly comparable to our KPIs reported going forward. To facilitate comparison between the periods presented in the table above, number of active customers and dollar-based net retention rate have been conformed to the current period methodology.

Number of Active Customer Accounts

We believe the number of active customer accounts is an important indicator of the growth of our business, the market acceptance of our platform and our future revenue trends. We define an active customer account at the end of any period as an individual account, as identified by a unique account identifier, for which we have recognized at least \$100 of revenue in the last month of the period. We believe usage of our platform by an active customer at or above the \$100 per month threshold is a stronger indicator of potential future engagement than trial usage at levels below \$100 per month. A single organization may constitute multiple unique active customer accounts if it has multiple unique account identifiers, each of which is treated as a separate active customer account. Customers who pay after using our platform and customers that have credit balances are included in the number of active customer accounts. For comparative purposes, the number of active customers presented in the table above has been updated to reflect the change in our reporting segments.

Dollar-Based Net Retention Rate

Our ability to drive growth and generate incremental revenue depends, in part, on our ability to maintain and grow our relationships with our existing customers that generate revenue and seek to increase their use of our platform. We track our performance in this area by measuring the dollar-based net retention rate for our customers who generate revenue. To calculate the dollar-based net retention rate, we first identify the cohort of customers that generate revenue and that were customers in the same quarter of the prior year. The dollar-based net retention rate is obtained by dividing the revenue generated from that cohort in a quarter, by the revenue generated from that same cohort in the corresponding quarter in the prior year. The dollar-based net retention rate reported in a quarter is then obtained by averaging the result from that quarter, by the corresponding results from each of the prior three quarters. Customers of acquired businesses are included in the subsequent year's calendar quarter of acquisition. Our dollar-based net retention rate increases when such customers increase usage of a product, extend usage of a product to new applications or adopt a new product. Our dollar-based net retention rate decreases when such customers cease or reduce usage of a product or when we lower prices on our solutions.

As our customers grow their businesses and increase usage of our platform, they sometimes create multiple customer accounts with us for operational or other reasons. As such, when we identify a significant customer organization (defined as a single customer organization generating more than 1% of revenue in a quarterly reporting period) that has created a new customer, this new customer is tied to, and revenue from this new customer is included with, the original customer for the purposes of calculating this metric. For comparative purposes, the dollar-based net retention rate presented in the table above has been updated to reflect the change in our reporting segments.

Management's Discussion and Analysis

Key Components of Statements of Operations

Revenue

Revenue is derived from reoccurring sources such as per minute voice usage and voice calling, per text message usage and other usage services and fees, from monthly recurring charges arising from phone number services, 911-enabled phone number services, messaging services and other services, and from other various communications services and products, indirect revenue and messaging surcharge revenue.

For the three months ended June 30, 2022 and 2021, we generated 78% and 75%, respectively, of our revenue from reoccurring sources. The large bulk of our remaining revenue is generated from recurring monthly charges.

We recognize accounts receivable at the time the customer is invoiced. Additionally, we record a receivable for unbilled revenue if services have been delivered and are billable in subsequent periods. Unbilled revenue made up 47% and 50% of outstanding accounts receivable, net of allowance for doubtful accounts, as of June 30, 2022 and 2021, respectively.

Cost of Revenue and Gross Margin

Cost of revenue consists of fees paid to other network service providers, network operations costs, personnel costs, allocated costs of facilities and information technology, amortization of acquired technology intangibles and depreciation.

Fees paid to other network service providers arise when we purchase services such as minutes of use, phone numbers, messages, porting of customer numbers and network circuits.

Network operations costs are incurred for web services and cloud infrastructure, capacity planning and management, software licenses, hardware and software maintenance fees, customer support and network-related facility rents.

Personnel costs (including non-cash stock-based compensation expenses) arise for employees who are responsible for the delivery of services, and operations and maintenance of, the communications network.

Gross margin is calculated by subtracting cost of revenue from revenue, divided by revenue, expressed as a percentage. Our cost of revenue and gross margin have been, and will continue to be, affected by several factors, including the timing and extent of our investments in our network, our ability to manage off-network minutes of use and messaging costs, changes to the mix or amount of personnel-related costs included in our cost of revenue, the product mix of revenue, the timing of amortization of capitalized software development costs and fluctuations in the price we charge our customers for services.

Operating Expenses

The most significant components of operating expenses are personnel costs, which consist of salaries, benefits, bonuses, and stock-based compensation expenses. We also incur other non-personnel costs related to our general overhead expenses, including facility expenses, software licenses, web services, depreciation and amortization of assets unrelated to delivery of our services. We expect that our operating expenses will increase in absolute dollars.

Research and Development

Research and development expenses consist of salaries and related personnel costs for the design, development, testing and enhancement of our cloud network and software products. Research and development expenses include depreciation and allocated costs for facilities and information technology utilized by our research and development staff.

Management's Discussion and Analysis

Sales and Marketing

Sales and marketing expenses consist of salaries and related personnel costs, commissions, and costs related to advertising, marketing, brand awareness activities, sales support and professional services fees, and customer billing and collections functions. Sales and marketing expenses include depreciation, amortization of acquired customer relationship intangible assets, and allocated costs of facilities and information technology utilized by our sales and marketing staff.

General and Administrative

General and administrative expenses consist of salaries and related personnel costs for accounting, legal, human resources, corporate, and other administrative and compliance functions. General and administrative expenses include depreciation, expenditures for third party professional services, and allocated costs of facilities and information technology utilized by our corporate and administrative staff.

Income Taxes

For the three months ended June 30, 2022 and 2021 our effective tax rate was 6.3% and (4.1)%, respectively. For the six months ended June 30, 2022 and 2021, our effective tax rate was 1.8% and 0.5%, respectively. The favorable changes in our effective tax rates compared with the respective prior periods are primarily due to an increase in tax benefit resulting from additional operating losses outside the U.S., which are not offset by a valuation allowance.

Judgment is required in determining whether deferred tax assets will be realized in full or in part. Management assesses the available positive and negative evidence on a jurisdictional basis to estimate if deferred tax assets will be recognized and when it is more likely than not that all or some deferred tax assets will not be realized, and a valuation allowance must be established. As of June 30, 2022, we continue to maintain a valuation allowance for our U.S. federal and state net deferred tax assets.

Management's Discussion and Analysis

Results of Operations

Consolidated Results of Operations

The following table sets forth the consolidated statements of operations for the periods indicated.

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Revenue	\$ 136,489	\$ 120,658	\$ 267,853	\$ 234,137
Cost of revenue	81,085	67,177	157,035	129,498
Gross profit	55,404	53,481	110,818	104,639
Operating expenses:				
Research and development	24,264	16,390	46,691	33,179
Sales and marketing	23,327	20,205	46,479	39,315
General and administrative	16,863	15,952	33,568	31,248
Total operating expenses	64,454	52,547	126,738	103,742
Operating (loss) income	(9,050)	934	(15,920)	897
Other income (expense), net:				
Interest expense, net	(874)	(7,699)	(2,124)	(13,109)
Other income (expense), net	3,259	109	4,744	(92)
Total other income (expense), net	2,385	(7,590)	2,620	(13,201)
Loss before income taxes	(6,665)	(6,656)	(13,300)	(12,304)
Income tax benefit (provision)	417	(272)	238	60
Net loss	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)

The following table sets forth our results of operations as a percentage of our total revenue for the periods presented. *

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
Revenue	100 %	100 %	100 %	100 %
Cost of revenue	59 %	56 %	59 %	55 %
Gross profit	41 %	44 %	41 %	45 %
Operating expenses:				
Research and development	18 %	14 %	17 %	14 %
Sales and marketing	17 %	17 %	17 %	17 %
General and administrative	12 %	13 %	13 %	13 %
Total operating expenses	47 %	44 %	47 %	44 %
Operating (loss) income	(7)%	1 %	(6)%	— %
Other income (expense), net:				
Interest expense, net	(1)%	(6)%	(1)%	(6)%
Other income (expense), net	2 %	— %	2 %	— %
Total other income (expense), net	2 %	(6)%	1 %	(6)%
Loss before income taxes	(5)%	(6)%	(5)%	(5)%
Income tax benefit (provision)	— %	— %	— %	— %
Net loss	(5)%	(6)%	(5)%	(5)%

(*) Columns may not foot due to rounding.

Management's Discussion and Analysis

Comparison of the three months ended June 30, 2022 and 2021,

Revenue

	Three months ended June 30,		Change
	2022	2021	
	(Dollars in thousands)		
Revenue	\$ 136,489	\$ 120,658	\$ 15,831 13 %

For the three months ended June 30, 2022, our total revenue increased by \$16 million, or 13%, compared with the same period in 2021 comprised mainly from growth in pass-through messaging surcharge revenue of \$15 million. Growth in our revenue other than from pass-through messaging surcharges, compared with the same period last year, was led by our core messaging offerings, which grew 25%, and phone number and 911-enabled phone number services, mostly offset by lower revenue from voice offerings. Compared with the same period last year, our voice offerings revenue for the three months ended June 30, 2022 remained affected by lower usage arising from last year's DDoS incident as well as the absence of revenue from businesses divested earlier in 2022.

Active customer accounts increased 9% to 3,362 as of June 30, 2022, as compared with 3,085 active accounts as of June 30, 2021. Our dollar-based net retention rate as of June 30, 2022 was 112%.

Cost of Revenue and Gross Margin

	Three months ended June 30,		Change
	2022	2021	
	(Dollars in thousands)		
Cost of revenue	\$ 81,085	\$ 67,177	\$ 13,908 21 %
Gross profit	\$ 55,404	\$ 53,481	\$ 1,923 4 %
Total gross margin	41 %	44 %	

For the three months ended June 30, 2022, total cost of revenue increased \$14 million driven by higher pass-through messaging surcharges of \$15 million, partially offset by lower cost of revenue other than from pass-through messaging surcharges of \$1 million. For the three months ended June 30, 2022, the combination of changes in total revenue and total cost of revenue yielded an increase in total gross profit of \$2 million, or 4%, compared with the same period in 2021, driven entirely by profit improvements from the combination of our revenue and cost of revenue derived other than from pass-through messaging surcharges.

Our total gross margin percentage of 41% for the three months ended June 30, 2022 declined 3 percentage points as operating and product mix improvements were more than offset by the inclusion of higher pass-through messaging surcharges within total revenue.

Operating Expenses

	Three months ended June 30,		Change
	2022	2021	
	(Dollars in thousands)		
Research and development	\$ 24,264	\$ 16,390	\$ 7,874 48 %
Sales and marketing	23,327	20,205	3,122 15 %
General and administrative	16,863	15,952	911 6 %
Total operating expenses	\$ 64,454	\$ 52,547	\$ 11,907 23 %

As a percentage of revenue, total operating expenses for the three months ended June 30, 2022 and 2021, were 47% and 44%, respectively.

Management's Discussion and Analysis

For the three months ended June 30, 2022, research and development expenses increased by approximately \$8 million, or 48%, compared with the same period in 2021. This increase was primarily due to increased personnel costs from greater numbers of employed staff of \$6 million and an increase of facilities and IT expenses of \$2 million.

For the three months ended June 30, 2022, sales and marketing expenses increased by \$3 million, or 15%, compared with the same period in 2021, primarily due to an increase in sales personnel costs from a greater number of employed staff of \$3 million.

For the three months ended June 30, 2022, general and administrative expenses were relatively unchanged compared with the same period in 2021, as higher headcount costs of \$2 million were offset by lower non-headcount costs of \$1 million.

Interest Expense, Net

For the three months ended June 30, 2022, interest expense, net of interest income, decreased by \$7 million compared with the same period in 2021, primarily due to a \$6 million decrease in interest expense related to the Convertible Notes. See Note 8, "Debt," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for additional details.

Income Tax Benefit (Provision)

Our income tax provision or benefit for interim periods is determined using an estimate of our annual effective tax rate, adjusted for discrete items occurring in the quarter.

For the three months ended June 30, 2022, we recognized an income tax benefit of less than \$1 million, an increase of less than \$1 million compared with the same period in 2021. The resulting effective tax rate for the three months ended June 30, 2022 was 6.3% compared with (4.1)% in the same period in 2021. For the three months ended June 30, 2022, the favorable change to the effective tax rate of 10.4 percentage points was primarily due to an increase in tax benefit resulting from additional operating losses outside the U.S. which were not offset by a valuation allowance.

For the three months ended June 30, 2022 and 2021, the effective tax rates of 6.3% and (4.1)%, respectively, differed from the federal statutory tax rate of 21% in the U.S. primarily due to the valuation allowance recognized against federal and state deferred tax assets in the U.S.

Most of the permanent tax adjustments within our effective tax rate are offset by a valuation allowance. These adjustments include state taxes, federal research tax credits under Internal Revenue Code Section 41, equity compensation in the U.S. and other non-deductible expenditures in the U.S. Excluding the impact of the valuation allowance, we realize an estimated state effective tax rate of 4.2%. In addition, exclusive of the valuation allowance, we continue to generate income tax benefits in the current period related to income tax credits recognized for qualified research activities in the U.S. The applicable federal tax law and regulations define qualified research activities as research and development activities conducted in the U.S. that involve a process of experimentation designed to discover new information intended to develop a new or improved business component. Absent the valuation allowance, equity compensation also impacts the effective tax rate to the extent the income tax deduction exceeds or is below the related book expense, as required under ASC 718-740-35-2. Other U.S. non-deductible expenses that are offset by the valuation allowance consist primarily of non-deductible executive compensation under Internal Revenue Code 162(m).

Permanent tax adjustments within our effective tax rate that are not offset by the valuation allowance included minimum state taxes, foreign tax benefits and foreign rate differentials. As we continue to scale our international business any changes to foreign business activity may impact our effective tax rate in the future.

We continue to expect recurring changes to the valuation allowance as deferred tax assets within the U.S. increase or decrease in subsequent periods. We will maintain a valuation allowance against all U.S. federal and state

Management's Discussion and Analysis

deferred tax assets until it becomes more likely than not that the benefit of our federal and state deferred tax assets will be realized.

Comparison of the six months ended June 30, 2022 and 2021.*Revenue*

	Six months ended June 30,		Change
	2022	2021	
	(Dollars in thousands)		
Revenue	\$ 267,853	\$ 234,137	\$ 33,716 14 %

For the six months ended June 30, 2022, total revenue increased by \$34 million, or 14%, compared with the same period in 2021, comprised mainly from growth in pass-through messaging surcharge revenue of \$28 million. Growth in our revenue other than from pass-through messaging surcharges, compared with the same period last year, was led by our core messaging offerings, which grew 25%, and phone number and 911-enabled phone number services, mostly offset by lower revenue from voice offerings. Compared with the same period last year, our voice offerings revenue for the six months ended June 30, 2022, remained affected by lower usage arising from last year's DDoS incident as well as the absence of revenue from businesses divested earlier in 2022.

These increases in usage volume period-over-period yielded our dollar-based net retention rate of 112%.

Cost of Revenue and Gross Margin

	Six months ended June 30,		Change
	2022	2021	
	(Dollars in thousands)		
Cost of revenue	\$ 157,035	\$ 129,498	\$ 27,537 21 %
Gross profit	\$ 110,818	\$ 104,639	\$ 6,179 6 %
Total gross margin	41 %	45 %	

For the six months ended June 30, 2022, total cost of revenue increased \$28 million driven by higher pass-through messaging surcharges of \$29 million, partially offset by lower cost of revenue other than from pass-through messaging surcharges of \$1 million. For the six months ended June 30, 2022, the combination of changes in total revenue and total cost of revenue yielded an increase in total gross profit of \$6 million, or 6%, compared with the same period in 2021, driven entirely by profit improvements from the combination of our revenue and cost of revenue derived other than from pass-through messaging surcharges.

Our total gross margin percentage of 41% for the six months ended June 30, 2022, declined 4 percentage points as operating and product mix improvements were more than offset by the inclusion of higher pass-through messaging surcharges within total revenue.

Management's Discussion and Analysis***Operating Expenses***

	Six months ended June 30,			Change
	2022	2021		
	(Dollars in thousands)			
Research and development	\$ 46,691	\$ 33,179	\$ 13,512	41 %
Sales and marketing	46,479	39,315	7,164	18 %
General and administrative	33,568	31,248	2,320	7 %
Total operating expenses	<u>\$ 126,738</u>	<u>\$ 103,742</u>	<u>\$ 22,996</u>	<u>22 %</u>

As a percentage of revenue, total operating expenses for the six months ended June 30, 2022 and 2021, were 47% and 44%, respectively.

For the six months ended June 30, 2022, research and development expenses increased by approximately \$14 million, or 41%, compared with the same period in 2021. This increase was primarily due to increased personnel costs from greater numbers of employed staff of \$10 million and an increase of facilities and IT expenses of \$4 million.

For the six months ended June 30, 2022, sales and marketing expenses increased by \$7 million, or 18%, compared with the same period in 2021, primarily due to an increase in sales personnel costs from a greater number of employed staff of \$5 million, and an increase in facilities and IT expenses of \$2 million.

For the six months ended June 30, 2022, general and administrative expenses increased by approximately \$2 million, or 7%, compared with the same period in 2021, mainly from higher headcount costs of \$3 million, offset by lower non-headcount, facilities and IT expenses of \$1 million.

Interest Expense, Net

For the six months ended June 30, 2022, interest expense, net of interest income, decreased by \$11 million compared with the same period in 2021, primarily due to a \$11 million decrease in interest expense related to the Convertible Notes. See Note 8, "Debt," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for additional details.

Income Tax Benefit (Provision)

Our income tax provision or benefit for interim periods is determined using an estimate of our annual effective tax rate, adjusted for discrete items occurring in the quarter.

For the six months ended June 30, 2022, we recognized an income tax benefit of less than \$1 million, an increase of less than \$1 million compared with the same period in 2021. The resulting effective tax rate for the six months ended June 30, 2022, was 1.8%, compared with 0.5% experienced in the same period in 2021. For the six months ended June 30, 2022, the favorable change to the effective tax rate of 1.3 percentage points was primarily due to an increase in tax benefit resulting from additional operating losses outside of the U.S. which were not offset by a valuation allowance.

For the six months ended June 30, 2022 and 2021, the effective tax rates of 1.8% and 0.5%, respectively, differed from the federal statutory tax rate of 21% in the U.S. primarily due to the valuation allowance recognized against federal and state deferred tax assets in the U.S.

Most of the permanent tax adjustments within our effective tax rate are offset by a valuation allowance. These adjustments include state taxes, federal research tax credits under Internal Revenue Code Section 41, equity compensation in the U.S. and other non-deductible expenditures in the U.S. Excluding the impact of the valuation allowance, we realize an estimated state effective tax rate of 4.2%. In addition, exclusive of the valuation allowance, we continue to generate income tax benefits in the current period related to income tax credits

Management's Discussion and Analysis

recognized for qualified research activities in the U.S. The applicable federal tax law and regulations define qualified research activities as research and development activities conducted in the U.S. that involve a process of experimentation designed to discover new information intended to develop a new or improved business component. Absent the valuation allowance, equity compensation also impacts the effective tax rate to the extent the income tax deduction exceeds or is below the related book expense, as required under ASC 718-740-35-2. Other U.S. non-deductible expenses that are offset by the valuation allowance consist primarily of non-deductible executive compensation under Internal Revenue Code 162(m).

Permanent tax adjustments within our effective tax rate that are not offset by the valuation allowance included minimum state taxes, foreign tax benefits and foreign rate differentials. As we continue to scale our international business any changes to foreign business activity may impact our effective tax rate in the future.

We continue to expect recurring changes to the valuation allowance as deferred tax assets within the U.S. increase or decrease in subsequent periods. We will maintain a valuation allowance against all U.S. federal and state deferred tax assets until it becomes more likely than not that the benefit of our federal and state deferred tax assets will be realized.

Liquidity and Capital Resources

Our liquidity is provided by free cash flow, derived from our cash flow from operations less expenditures for capital equipment, and supplemented by financing activities from time to time. Our cash flow from operations is driven by monthly payments from customers for communication services consumed during the period. Our primary uses of cash included the purchase of property plant and equipment to support growth on our communications platform and the purchase of land for our new corporate headquarters. In the last three years, we have supplemented our liquidity with proceeds from our issuance of the 2026 Convertible Notes and the 2028 Convertible Notes in February 2020 and March 2021, respectively. We used a majority of the proceeds from the issuance of our 2026 Convertible Notes to consummate the acquisition of Voxbone. We believe that our cash and cash equivalents balances and the cash flows generated by our operations will be sufficient to satisfy our anticipated cash needs for working capital and capital expenditures for at least the next 12 months. However, our belief may prove to be incorrect, and we could utilize our available financial resources sooner than we currently expect. Our future capital requirements and the adequacy of available funds will depend on many factors, including those set forth in the section "Item 1A. Risk Factors." We may be required to seek additional equity or debt financing in order to meet these future capital requirements. In the event that additional financing is required from outside sources, we may not be able to raise it on terms acceptable to us, or at all. If we are unable to raise additional capital when desired, our business, results of operations and financial condition would be adversely affected.

Our principal future commitments consist of (i) an aggregate of \$650.0 million in Convertible Notes (see Note 8, "Debt" to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q, for a discussion of our 2026 Convertible Notes and our 2028 Convertible Notes), (ii) a \$496 million non-cancelable lease for our future office headquarters, which is anticipated to commence in June of 2023 (the "Headquarters Lease"), (iii) \$19 million in non-cancelable purchase obligations and future minimum payments under contracts to various service providers, and (iv) \$15 million in future minimum rent payments for our current office space. The initial base rent for the Headquarters Lease will be \$38.79 per square foot, or approximately \$21 million per annum, and will increase by 1.85% on each anniversary of the commencement date. See Note 12, "Commitments and Contingencies," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for future lease commitments.

Management's Discussion and Analysis**Statement of Cash Flows**

The following table summarizes our cash flows for the periods indicated:

	Six months ended June 30,	
	2022	2021
	(In thousands)	
Net cash provided by operating activities	\$ 324	\$ 8,845
Net cash (used in) provided by investing activities	(162,597)	14,338
Net cash (used in) provided by financing activities	(2,388)	214,197
Effect of exchange rate changes on cash, cash equivalents and restricted cash	(1,434)	204
Net (decrease) increase in cash, cash equivalents, and restricted cash	<u>\$ (166,095)</u>	<u>\$ 237,584</u>

For the six months ended June 30, 2022, our cash flow used in operating activities was less than \$1 million and was generated by our aggregate results of \$18 million during the period, net of non-cash items comprising depreciation and amortization, right-of-use asset amortization, stock-based compensation, deferred tax expense and other amounts, and \$14 million generated from increased accounts payable and accrued liabilities, partially offset by cash used for higher accounts receivable and other operating assets aggregating \$31 million. The increase in our accounts payable of \$13 million at June 30, 2022 was primarily related to the timing and amounts of purchases of both services and tangible goods and their related payment arrangements while the increase in accrued expenses and other liabilities of \$1 million primarily related to higher accruals for employee-related expenses due to period-end timing. The increase in our consolidated accounts receivable balance of \$17 million at June 30, 2022 represented higher unbilled receivables balances of \$4 million arising from higher usage amounts in the last month of the six-month period and \$13 million from timing of collection of invoiced amounts at June 30, 2022. Prepaid expenses increased \$10 million at June 30, 2022 primarily from timing of advance payments for software and other services where we will recognize the related expense as incurred in future periods.

For the six months ended June 30, 2022, net cash used in investing activities was \$163 million. Cash used in investing activities included the purchase of marketable securities of \$138 million from balances previously held as cash and cash equivalents, purchase of property and equipment of \$9 million, deposits for construction in progress of our Raleigh, NC headquarters of \$15 million, and capitalized internally developed software costs of \$1 million. Within investing activities, our purchases of marketable securities were for instruments with greater than 90 day original maturities.

For the six months ended June 30, 2022, net cash used in financing activities was \$2 million consisting primarily of \$2 million in value of equity awards withheld for tax liabilities.

Off-Balance Sheet Arrangements

We do not have any holdings in variable interest entities. With the acquisition of Voxbone, we have off-balance sheet agreements for short-term office leases in the amount of less than \$1 million ending prior to June 30, 2023.

Management's Discussion and Analysis

Non-GAAP Financial Measures

We use Non-GAAP gross profit, Non-GAAP gross margin, Non-GAAP net income, Adjusted EBITDA and free cash flow for financial and operational decision making and to evaluate period-to-period differences in our performance. Non-GAAP gross profit, Non-GAAP gross margin, Non-GAAP net income, Adjusted EBITDA and free cash flow are non-GAAP financial measures, which we believe are useful for investors in evaluating our overall financial performance. We believe these measures provide useful information about operating results, enhance the overall understanding of past financial performance and future prospects and allow for greater transparency with respect to key performance indicators used by management in its financial and operational decision making. See below for a reconciliation of each of the non-GAAP financial measures described below.

Non-GAAP Gross Profit and Non-GAAP Gross Margin

GAAP defines gross profit as revenue less cost of revenue. Cost of revenue includes all expenses associated with our various service offerings as more fully described under the caption "Key Components of Statements of Operations-Cost of Revenue and Gross Margin." We define Non-GAAP gross profit as gross profit after adding back the following items:

- depreciation and amortization;
- amortization of acquired intangible assets related to acquisitions; and
- stock-based compensation

We calculate Non-GAAP gross margin by dividing Non-GAAP gross profit by revenue less pass-through messaging surcharges, expressed as a percentage of revenue.

In our calculation of Non-GAAP gross profit and Non-GAAP gross margin, we eliminate the impact of depreciation and amortization, amortization of acquired intangible assets related to acquisitions, and stock-based compensation, pass through messaging surcharges, and all non-cash items, because we do not consider them indicative of our core operating performance. The exclusion of these items facilitates comparisons of our operating performance on a period-to-period basis. Management uses Non-GAAP gross profit and Non-GAAP gross margin to evaluate operating performance and to determine resource allocation among our various service offerings. We believe Non-GAAP gross profit and Non-GAAP gross margin provide useful information to investors and others to understand and evaluate our operating results in the same manner as our management and board of directors and allows for better comparison of financial results among our competitors. Non-GAAP gross profit and Non-GAAP gross margin may not be comparable to similarly titled measures of other companies because other companies may not calculate Non-GAAP gross profit and Non-GAAP gross margin or similarly titled measures in the same manner we do.

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	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Gross Profit	\$ 55,404	\$ 53,481	\$ 110,818	\$ 104,639
Gross Profit Margin %	41 %	44 %	41 %	45 %
Depreciation	3,362	3,060	6,738	6,206
Amortization of acquired intangible assets	1,934	2,175	3,966	4,351
Stock-based compensation	91	94	190	195
Non-GAAP Gross Profit	\$ 60,791	\$ 58,810	\$ 121,712	\$ 115,391
Non-GAAP Gross Margin % ⁽¹⁾	53 %	51 %	53 %	52 %

⁽¹⁾ Calculated by dividing Non-GAAP gross profit by revenue less pass-through messaging surcharges of \$21.0 million and \$6.3 million for the three months ended June 30, 2022 and 2021, respectively, and \$38.4 million and \$10.2 million for the six months ended June 30, 2022 and 2021, respectively.

Non-GAAP Net (Loss) Income

We define Non-GAAP net (loss) income as net income or loss adjusted for certain items affecting period-to-period comparability. Non-GAAP net (loss) income excludes:

- stock-based compensation;
- amortization of acquired intangible assets related to acquisitions;
- amortization of debt discount and issuance costs for convertible debt;
- acquisition related expenses;
- impairment charges of intangibles assets, if any;
- loss (gain) on disposal of property and equipment;
- net cost associated with early lease terminations and leases without economic benefit;
- estimated tax impact of above adjustments, net of valuation allowances; and
- loss (gain) on sale of business;

We calculate Non-GAAP basic and diluted shares by adding the weighted average of outstanding Series A redeemable convertible preferred stock, if any, to the weighted average number of outstanding basic and diluted shares, respectively. The tax-effect of Non-GAAP adjustments is determined using a blended rate of statutory tax rates in the jurisdictions where we have tax filings. When we have a valuation allowance recorded and no tax benefits will be recognized, the rate is considered to be zero.

We believe Non-GAAP net (loss) income is a meaningful measure because by removing certain non-cash and other expenses, we are able to evaluate our operating results in a manner we believe is more indicative of the current period's performance. We believe the use of Non-GAAP net (loss) income may be helpful to investors because it provides consistency and comparability with past financial performance, facilitates period-to-period comparisons of results of operations and assists in comparisons with other companies, many of which may use similar Non-GAAP financial information to supplement their GAAP results. In connection with the adoption of ASU No. 2020-06 on January 1, 2022, we add back cash interest expense on the Convertible Notes, as if converted at the beginning of the period, if the impact is dilutive for the purposes of calculating diluted Non-GAAP net income or loss per Non-GAAP share.

Management's Discussion and Analysis

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Net loss	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)
Stock-based compensation	4,821	3,377	10,167	7,767
Amortization of acquired intangibles	4,334	4,864	8,900	9,731
Amortization of debt discount and issuance costs for convertible debt	761	7,058	1,521	12,225
Loss on disposal of property and equipment	34	135	189	336
Gain on sale of business	(2,859)	—	(3,777)	—
Estimated tax effects of adjustments ⁽¹⁾	(1,735)	68	(2,286)	(939)
Non-GAAP net (loss) income	\$ (892)	\$ 8,574	\$ 1,652	\$ 16,876
Cash interest expense on Convertible Notes ⁽²⁾⁽³⁾	732	—	1,125	—
Numerator used to compute Non-GAAP diluted net income per share ⁽³⁾	\$ (892)	\$ 8,574	\$ 2,777	\$ 16,876
Net loss per share, basic and diluted	\$ (0.25)	\$ (0.28)	\$ (0.52)	\$ (0.49)
Non-GAAP net (loss) income per Non-GAAP share				
Basic	\$ (0.04)	\$ 0.34	\$ 0.07	\$ 0.67
Diluted	\$ (0.04)	\$ 0.32	\$ 0.09	\$ 0.63
<i>Weighted average number of shares outstanding</i>				
Basic and diluted shares	25,279,615	25,096,026	25,249,998	25,056,208
Non-GAAP basic shares	25,279,615	25,096,026	25,249,998	25,056,208
Convertible debt conversion	—	1,206,493	5,788,805	1,509,313
Stock options issued and outstanding	—	178,079	120,167	193,191
Nonvested RSUs outstanding	—	173,769	—	225,338
Non-GAAP diluted shares	25,279,615	26,654,367	31,158,970	26,984,050

⁽¹⁾ The Non-GAAP tax-effect adjustments are calculated based on statutory tax rates, net of corresponding valuation allowance adjustments, in the jurisdictions where we have tax filings. The rate was 13.4% and 3.1% for the six months ended June 30, 2022 and 2021, respectively.

⁽²⁾ Upon the adoption of ASU 2020-06, net income is increased for cash interest expense as part of the calculation for diluted Non-GAAP earnings per share. See Note 2, "Summary of Significant Accounting Policies," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for additional details on the adoption of ASU 2020-06.

⁽³⁾ As we had a Non-GAAP net loss for the three months ended June 30, 2022, the cash interest expense on the Convertible Notes was not used to compute Non-GAAP diluted net loss per share. This figure is presented to show the activity during the quarter resulting in the cash interest expense on the Convertible Notes used to compute Non-GAAP diluted net income per share for the six months ended June 30, 2022.

Adjusted EBITDA

We define Adjusted EBITDA as net income or losses from continuing operations, adjusted to reflect the addition or elimination of certain income statement items including, but not limited to:

- income tax provision (benefit);

Management's Discussion and Analysis

- interest (income) expense, net;
- depreciation and amortization expense;
- acquisition related expenses;
- stock-based compensation expense;
- impairment of intangible assets, if any;
- loss (gain) on sale of business;
- loss (gain) on disposal of property and equipment, if any; and
- net cost associated with early lease terminations and leases without economic benefit

Adjusted EBITDA is a key measure used by management to understand and evaluate our core operating performance and trends, to generate future operating plans and to make strategic decisions regarding the allocation of capital. In particular, the exclusion of certain expenses in calculating Adjusted EBITDA facilitates comparisons of our operating performance on a period-to-period basis.

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Net loss	\$ (6,248)	\$ (6,928)	\$ (13,062)	\$ (12,244)
Income tax (benefit) provision	(417)	272	(238)	(60)
Interest expense, net	874	7,699	2,124	13,109
Depreciation	4,583	4,338	9,187	8,514
Amortization	4,334	4,864	8,900	9,731
Stock-based compensation	4,821	3,377	10,167	7,767
Loss on disposal of property and equipment	34	135	189	336
Gain on sale of business	(2,859)	—	(3,777)	—
Adjusted EBITDA	\$ 5,122	\$ 13,757	\$ 13,490	\$ 27,153

Free Cash Flow

Free cash flow represents net cash provided by or used in operating activities less net cash used in the acquisition of property and equipment and capitalized development costs of software for internal use. We believe free cash flow is a useful indicator of liquidity and provides information to management and investors about the amount of cash generated from our core operations that can be used to invest in our business. Free cash flow has certain limitations because it does not represent the total increase or decrease in the cash balance for the period, it does not take into consideration investment in long-term securities, nor does it represent residual cash flows available for discretionary expenditures. Therefore, it is important to evaluate free cash flow along with our condensed consolidated statements of cash flows.

Management's Discussion and Analysis

	Three months ended June 30,		Six months ended June 30,	
	2022	2021	2022	2021
	(In thousands)			
Net cash provided by (used in) operating activities	\$ 7,019	\$ (1,164)	\$ 324	\$ 8,845
Net cash used in investing in capital assets ^{(1) (2)}	(4,341)	(17,778)	(10,266)	(25,662)
Free cash flow	\$ 2,678	\$ (18,942)	\$ (9,942)	\$ (16,817)

⁽¹⁾ Represents the acquisition cost of property, equipment and capitalized development costs for software for internal use.

⁽²⁾ Includes the net cash used from the purchase of land of \$(30.0) million offset by the proceeds from the sale of land of \$17.5 million from investing activities of the statement of cash flows for the six months ended June 30, 2021.

Critical Accounting Policies and Significant Judgments and Estimates

Our condensed consolidated financial statements are prepared in accordance with GAAP. The preparation of these financial statements requires our management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, costs, and expenses and related disclosures. Our estimates are based on our historical experience and on various other factors that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these judgments and estimates under different assumptions or conditions, and any such differences may be material.

We believe that the assumptions and estimates associated with revenue recognition and deferred revenue, stock-based compensation, the valuation of goodwill and intangible assets, internal-use software development costs, income taxes and other contingencies have the greatest potential impact on our condensed consolidated financial statements. Therefore, we consider these to be our critical accounting policies and estimates.

There have been no material changes to our critical accounting policies and significant judgments and estimates as compared to the critical accounting policies and significant judgments and estimates disclosed in our Annual Report on Form 10-K filed with the U.S. Securities and Exchange Commission ("SEC") on February 25, 2022.

Recently Issued Accounting Guidance

See Note 2, "Summary of Significant Accounting Policies," to the condensed consolidated financial statements included elsewhere in this Quarterly Report on Form 10-Q for a summary of recently adopted accounting standards and recent accounting pronouncements not yet adopted.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

We are exposed to certain market risks in the ordinary course of our business. Market risk represents the risk of loss that may impact our financial position due to adverse changes in financial market prices and rates. Our market risk exposure is primarily the result of fluctuations in interest rates and, to a lesser extent, foreign currency rates and inflation.

Interest Rate Risk

Our primary exposure to market risk relates to interest rate changes. We had cash and cash equivalents of \$165.3 million and marketable securities of \$137.6 million as of June 30, 2022, which were held for working capital purposes. Our cash and cash equivalents are comprised primarily of interest bearing checking and direct deposit accounts, and money market accounts. Marketable securities consist of corporate debt securities, U.S. treasury securities, and commercial paper not otherwise classified as cash equivalents.

Such interest-earning instruments carry a degree of interest rate risk. To date, fluctuations in interest income have not been significant. The primary objective of our investment activities is to preserve principal while maximizing income without significantly increasing risk. We do not enter into investments for trading or speculative purposes and have not used any derivative financial instruments to manage our interest rate risk exposure.

In February 2020 and March 2021, we issued \$400.0 million and \$250.0 million aggregate principal amount of the 2026 Convertible Notes and the 2028 Convertible Notes, respectively. As the Convertible Notes have a fixed annual interest rate, we have no financial or economic interest exposure associated with changes in interest rates. However, the fair value of fixed rate debt instruments fluctuates when interest rates change. Additionally, the fair value can be affected when the market price of our common stock fluctuates. We carry the Convertible Notes at face value less unamortized discount on our balance sheet, and we present the fair value for required disclosure purposes only.

Foreign Currency Risk

The functional currencies of our foreign subsidiaries are the respective local currencies of the jurisdictions in which they operate, which are primarily the Euro and the British Pound. Approximately 11% of our total revenue was generated outside the United States for the six months ended June 30, 2021. The majority of our revenues and operating expenses are denominated in U.S. dollars, and therefore are not currently subject to significant foreign currency risk. Our subsidiaries remeasure monetary assets and liabilities at period-end exchange rates, while non-monetary items are remeasured at historical rates. Revenue and expense accounts are remeasured at the average exchange rate in effect during the year. If there is a change in foreign currency exchange rates, the conversion of our foreign subsidiaries' financial statements into U.S. dollars would result in a realized gain or loss, which is recorded in other expense, net in our condensed consolidated statements of operations. We do not currently engage in any hedging activity to reduce our potential exposure to currency fluctuations, although we may choose to do so in the future. To the extent the U.S. dollar weakens against foreign currencies, the translation of these foreign currencies result in increased revenue and operating expenses for our non-U.S. operations. Similarly, our revenue and operating expenses for our non-U.S. operations decrease if the U.S. dollar strengthens against foreign currencies.

Inflation

We continue to monitor the impact of inflation in order to minimize its effects through pricing strategies, productivity improvements and cost reductions. If our costs were to become subject to significant inflationary pressures, we may not be able to fully offset such higher costs through price increases. Our inability or failure to do so could harm our business, financial condition and results of operations. See "Risk Factors—Our business, operating results and cash flows may be adversely affected by a rising rate of inflation."

Item 4. Controls and Procedures

Evaluation of disclosure controls and procedures

Our management, with the participation of our Chief Executive Officer and our Chief Financial Officer, have evaluated our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this Quarterly Report on Form 10-Q. Based on that evaluation, our Chief Executive Officer and our Chief Financial Officer have concluded that, as of the end of the period covered by this Quarterly Report on Form 10-Q, our disclosure controls and procedures are designed at a reasonable assurance level and are effective to provide reasonable assurance that information we are required to disclose in reports that we file or submit under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in SEC rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

Changes in internal control over financial reporting

There were no changes in our internal control over financial reporting identified in connection with the evaluation required by Rule 13a-15(d) and 15d-15(d) of the Exchange Act during the quarter ended June 30, 2022, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Inherent limitation on the effectiveness of internal control

The effectiveness of any system of internal control over financial reporting, including ours, is subject to inherent limitations, including the exercise of judgment in designing, implementing, operating, and evaluating the controls and procedures, and the inability to eliminate misconduct completely. Accordingly, any system of internal control over financial reporting, including ours, no matter how well designed and operated, can only provide reasonable, not absolute assurances. In addition, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. We intend to continue to monitor and upgrade our internal controls as necessary or appropriate for our business, but cannot assure you that such improvements will be sufficient to provide us with effective internal control over financial reporting.

PART II - OTHER INFORMATION

Item 1. Legal Proceedings

Phone Recovery Services, LLC and Phone Administrative Services, Inc. acting or purporting to act on behalf of applicable jurisdictions, or the applicable county or city itself, have filed multiple lawsuits against us and/or one of our subsidiaries alleging that we failed to bill, collect and remit certain taxes and surcharges associated with the provision of 911 services.

The following county or municipal governments have named us in lawsuits that remain unresolved and are associated with the collection and remittance of 911 taxes and surcharges: (a) the City and County of San Francisco, California; (b) the following Illinois jurisdictions, collectively: Cook and Kane Counties, Illinois, the City of Chicago, Illinois, and the State of Illinois; (c) the State of New York; and (d) Allegheny County, Pennsylvania. The complaints allege that we failed to bill, collect and remit certain taxes and surcharges associated with 911 service pursuant to applicable laws.

On November 30, 2020, we were named as a defendant in a Second Amended Class Action Complaint in a putative class action captioned *Diana Mey v. All Access Telecom, Inc., et al.* pending in the United States District Court, Northern District of West Virginia, relating to the alleged failure to block unsolicited phone calls to the plaintiff and putative class members.

We intend to vigorously defend these lawsuits and believe we have meritorious defenses to each. However, litigation is inherently uncertain, and any judgment or injunctive relief entered against us or any adverse settlement could negatively affect our business, results of operations and financial condition.

In addition to the litigation discussed above, from time to time, we may be subject to legal actions and claims in the ordinary course of business. We have received, and may in the future continue to receive, claims from third parties relating to number management, and claims asserting, among other things, infringement of their intellectual property rights. Future litigation may be necessary to defend ourselves, our partners and our customers by determining the scope, enforceability and validity of third-party proprietary rights, or to establish our proprietary rights. The results of any current or future litigation cannot be predicted with certainty, and regardless of the outcome, litigation can have an adverse impact on us because of defense and settlement costs, diversion of management resources, and other factors.

Item 1A. Risk Factors

A description of the risks and uncertainties associated with our business is set forth below. You should carefully consider the risks and uncertainties described below, together with all of the other information in this Quarterly Report on Form 10-Q, including the section titled “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and our condensed consolidated financial statements and related notes appearing elsewhere in this Quarterly Report on Form 10-Q. The risks and uncertainties described below may not be the only ones we face. If any of the risks actually occur, our business, financial condition, results of operations and prospects could be materially and adversely affected. In that event, the market price of our Class A common stock could decline.

Risk Factors Summary

The following is a summary of the principal risks that could adversely affect our business, results of operations and financial condition.

Risks Related to Our Business

- Our future growth and the success of our expansion plans depend on a number of factors that are beyond our control.
- The COVID-19 pandemic and efforts to contain it may harm our business.
- The market in which we participate is highly competitive, and we may not compete effectively.
- We may not be able to attract new customers in a cost-effective manner.
- The market for some of our services is new and unproven, and may decline or experience limited growth.
- We must increase the network traffic and revenue to meet our growth targets.
- Our business depends on customers increasing their use of our services.
- We may not be able to increase the revenue that we derive from enterprises.
- We may not be able to develop service enhancements or new services that achieve market acceptance.
- We have grown rapidly, and may not be able to manage the growth effectively.
- Our pricing and billing systems are complex, and errors could adversely affect our results of operations.
- We must continue to develop effective systems to support our business.
- We may not be able to maintain and enhance our brand and increase market awareness.
- Failure to deliver high-quality support may adversely affect our customer relationships.
- We operate internationally, which exposes us to significant risks.
- The military conflict between Russia and Ukraine may adversely affect our business.
- Our revenue is concentrated in a limited number of enterprise customers.
- Attacks on or breaches of our networks or systems, or on those of third parties on which we rely, including denial-of-service and other cyberattacks, may result in disruption to our services, which could harm our business.
- We are currently subject to litigation, including litigation related to taxes and charges associated with our provision of 911 services and litigation related to our alleged failure to block unsolicited phone calls.
- Customer misuse of our services and software could result in litigation and harm our business.
- We are subject to litigation in the ordinary course of business, which may harm our business.
- The communications industry faces significant regulatory uncertainties.
- The effects of increased regulation of IP-based service providers are unknown.
- We must obtain and maintain numerous licenses and permits, in the United States and internationally, to operate our network.
- If we violate regulatory requirements that apply to our operations, we may not be able to conduct our business.
- The FCC’s repeal of its Network Neutrality Rules could harm our business.
- Our business is subject to complex and evolving laws, commercial standards, contractual obligations and other requirements regarding privacy and data protection.
- Our business may be harmed if we cannot obtain, retain and distribute local or toll-free numbers.
- We may be exposed to liabilities under anti-corruption, export control and economic sanction regulations.
- Third party intellectual property rights could prevent us from using technologies needed to provide our services.
- Our use of open source software could negatively affect our ability to sell our services and subject us to litigation.
- Indemnity provisions in various agreements potentially expose us to substantial liability.
- We may fail to protect our internally developed systems, technology and software and our intellectual property.
- We may be liable for the information that content owners or distributors distribute over our network.
- Third parties may use our services to commit fraud or steal our services.

- We may lose customers if our platform or network fails or is disrupted.
- Defects or errors in our services could harm our business.
- If our emergency services do not function properly, we may be exposed to significant liability.
- Termination of relationships with key suppliers could cause delay and additional costs.
- Our growth and financial health are subject to a number of economic risks.
- Our customer churn rate may increase.
- The prices for some of our services have decreased in the past and may do so again in the future.
- The need to obtain additional IP circuits or interconnect with other networks could increase our costs.
- The loss of any member of our senior management team or key employees could harm our business.
- If we are unable to hire, retain and motivate qualified personnel, our business will suffer.
- We could be subject to liability for historic and future sales, use and similar taxes.
- We may be subject to significant tax-related liabilities and indemnity obligations if the Spin-Off (as defined below) is taxable.
- Our estimates or judgments relating to our critical accounting policies may prove to be incorrect.
- We may be unable to maintain an effective system of disclosure controls and internal control over financial reporting.
- If our goodwill or intangible assets become impaired, we may be required to record a significant charge.
- Foreign currency exchange rate fluctuations may harm our business.
- Our business and financial results may be adversely impacted by a rising rate of inflation.
- Natural disasters, pandemics, power outages, terrorist attacks, acts of war, civilian unrest and similar events could harm our business.
- We may acquire other businesses, which may divert our management's attention and impact our stock price.

Risks Related to the Acquisition of Voxbone

- The Voxbone acquisition may not yield the synergies and other benefits that we anticipated.

Risks Related to the Convertible Notes

- Servicing our future indebtedness may require a significant amount of cash, which we may not have.
- We may not have the ability to raise the funds necessary for cash settlement of the Convertible Notes.
- The accounting method for our Convertible Notes could have a material effect on our financial results.
- The capped call transactions may affect the value of the Convertible Notes and our Class A common stock.

Risks Related to Ownership of Our Class A Common Stock

- The trading price of our Class A common stock may be volatile and you could lose all or part of your investment.
- Substantial future sales of shares of our Class A common stock could cause the price of our Class A to decline.
- Our dual class capital structure concentrates voting control.
- We cannot predict the impact our capital structure may have on our stock price.
- Our stock price and trading volume could decline if securities or industry analysts stop covering our Class A Common Stock.
- Anti-takeover provisions in our organizational documents and Delaware law, could impair a takeover attempt.
- Our certificate of incorporation and bylaws include super-majority voting provisions.
- Our bylaws provide that Delaware will be the sole and exclusive forum for certain stockholder litigation.
- We may need additional capital in the future and such capital may be limited or unavailable.
- We do not intend to pay dividends for the foreseeable future.

The following is a more complete discussion of the material risks facing our business.

Risks Related to Our Business

Our future growth and the success of our expansion plans depend on a number of factors that are beyond our control.

We have grown our business considerably over the last several years. We cannot guarantee that we will be able to maintain our growth or that we will choose to target the same pace of growth in the future. Our success in achieving continued growth depends upon several factors including:

- our ability to hire and retain qualified and effective personnel, including, but not limited to, those with the expertise required to develop and maintain our service offerings, to sell those offerings and to operate our business effectively;

- the overall economic health of new and existing markets;
- the number and effectiveness of competitors;
- the pricing structure under which we will be able to purchase services required to serve our customers;
- our ability to introduce new service offerings and maintain or enhance existing offerings;
- the availability to us of technologies needed to remain competitive;
- federal, state and international regulatory conditions, including the maintenance of regulation that protects us from unfair business practices by traditional network service providers or others with greater market power who have relationships with us as both competitors and suppliers; and
- changes in industry standards, laws, regulations, or regulatory enforcement in the United States and internationally.

The ongoing COVID-19 pandemic and efforts to contain it may harm our business and results of operations.

The global spread of novel coronavirus disease (“COVID-19”) and efforts to manage its impact have created significant volatility, uncertainty and economic disruption worldwide, and may continue to do so for an extended period of time. The pandemic could result in decreased business spending by our customers and prospective customers, lower renewal rates by our customers, longer or delayed sales cycles, or reduced budgets or minimum commitments for the services that we offer, any of which could have an adverse impact on our financial condition and results of operations. The pandemic has also severely curtailed travel, which has adversely affected our ability to grow and maintain relationships with existing and prospective customers.

The COVID-19 pandemic has also disrupted, and may continue to disrupt, our day-to-day operations and the operations of our customers, partners and vendors. We have experienced, and may continue to experience, voluntary attrition at a rate that exceeds our historical average. While the global economy is reopening in various parts of the world, some countries and locations are reinstating lockdowns and other restrictions that make a recovery difficult to predict. This may result in differing levels of demand for our service offerings as the priorities, resources, financial condition and economic outlook of our customers change, which could have an adverse impact on our financial results. We may also experience slowdowns in customer payments, increased customer churn and reduced usage of our communications platform by some customers.

In addition, as businesses continue to support a workforce that is partially or fully remote, there may be increasing demand for the services we provide, which could increase strain on our telecommunications infrastructure. Supporting increased demand may require additional investments to increase network capacity, the availability of which may be limited. If we are unable to keep up with capacity needs, our customers may experience delays, interruptions or outages in service, which could harm our reputation, cause customers to reduce or cease the use of our services, adversely impact our ability to increase the revenue derived from existing customers or to grow our customer base, and subject us to financial penalties and liabilities under our agreements with our customers.

The extent to which the COVID-19 pandemic impacts our business, operations and financial results in the short- and long-term will depend on numerous evolving factors that we may not be able to accurately predict. These include: the duration and scope of the pandemic; governmental, business and individual actions that have been, and continue to be, taken in response to the pandemic; the effect on our customers, customer demand for our services, and our customers’ ability to pay for our services; disruptions to or restrictions on our employees’ ability to work and travel; and any effects of the pandemic on our customers, suppliers and vendors.

The market in which we participate is highly competitive, and if we do not compete effectively, our business, results of operations and financial condition could be adversely affected.

The market for cloud communications is rapidly evolving, significantly fragmented and highly competitive, with relatively low barriers to entry in some segments. The principal competitive factors in our market include completeness of our suite of service offerings, credibility with enterprises and developers, global reach, ease of integration and programmability, product features, platform scalability, reliability, deliverability, security and performance, brand awareness and reputation, the strength of sales and marketing efforts and customer support, as well as the cost of deploying and using our services. Our competitors fall into two primary categories:

- CPaaS companies that offer software APIs, less robust customer support and fewer other features, while relying on third-party networks and physical infrastructure; and
- network service providers that offer limited developer functionality on top of their own networks and physical infrastructure.

Some of our competitors and potential competitors are larger and have greater name recognition, longer operating histories, more established customer relationships, a larger global reach, larger budgets and significantly greater resources than we do. In addition, they have the operating flexibility to bundle competing products and services at little or no incremental cost, including offering them at a lower price as part of a larger sales transaction. As a result, our competitors may be able to respond more quickly and effectively than we can to new or changing opportunities, technologies, standards or customer requirements. In addition, some competitors may offer services that address one or a limited number of functions at lower prices, with greater depth than our services or in different geographies. Our current and potential competitors may develop and market new services with comparable functionality to our services, and this could lead to us having to decrease prices in order to remain competitive. In addition, some of our competitors have lower list prices than us, which may be attractive to certain customers even if those services have different or lesser functionality. If we are unable to maintain our current pricing due to competitive pressures, our revenue and margins will be reduced and our business, results of operations and financial condition would be adversely affected. Customers utilize our services in many ways and use varying levels of functionality that our services offer or are capable of supporting or enabling within their applications. Customers that use many of the features of our services or use our services to support or enable core functionality for their applications may have difficulty or find it impractical to replace our services with a competitor's services, while customers that use only limited functionality may be able to more easily replace our services with competitive offerings.

With the introduction of new services and new market entrants, we expect competition to intensify in the future. In addition, some of our customers choose to use our services and our competitors' services at the same time in order to provide redundancy in their ability to deliver their own product offerings. Moreover, as we expand the scope of our services, we may face additional competition.

If one or more of our competitors were to merge or partner with another of our competitors, this change in the competitive landscape could further adversely affect our ability to compete effectively. In addition, pricing pressures and increased competition generally could result in reduced revenue, reduced margins, increased losses or the failure of our services to achieve or maintain widespread market acceptance, any of which could harm our business, results of operations and financial condition.

Our current and potential competitors have developed and may develop in the future service offerings that are available internationally, as well as domestically. To the extent that customers seek service offerings that include support and scaling internationally, they may choose to use other service providers to fill their communication service needs before we can fully develop and integrate our international offerings. Each of these factors could lead to reduced revenue, slower growth and lower brand name recognition amongst our industry competitors, any or all of which could harm our business, results of operations and financial condition.

If we are unable to attract new customers in a cost-effective manner, then our business, results of operations and financial condition would be adversely affected.

In order to grow our business, we must continue to attract new customers in a cost-effective manner. We use a variety of marketing channels to promote our services and our communications platform, and we periodically adjust the mix of our marketing programs. If the costs of the marketing channels we use increase dramatically, then we may choose to use alternative and less expensive channels, which may not be as effective as the channels we currently use. As we add to or change the mix of our marketing strategies, we may need to expand into more expensive channels than those we are currently in, which could adversely affect our business, results of operations and financial condition. We also cannot predict the extent to which COVID-19 may cause us to adjust how we promote our services. We will incur marketing expenses before we are able to recognize any revenue that the marketing initiatives may generate, and these expenses may not result in increased revenue or brand awareness. We have made in the past, and may make in the future, significant expenditures and investments in new marketing campaigns. We cannot assure you that any new investments in sales and marketing, including any increased focus on enterprise sales efforts, will lead to the cost-effective acquisition of additional customers or increased sales or that our sales and marketing efficiency will be consistent with prior periods. If we are unable to maintain effective marketing programs, then our ability to attract new customers could be materially and adversely affected, our advertising and marketing expenses could increase substantially and our results of operations may suffer.

The market for some of our services is new and unproven, may decline or experience limited growth and is dependent in part on enterprises and developers continuing to adopt our platform and use our services.

We have been developing and providing a cloud-based platform that enables developers and organizations to integrate voice and messaging communications capabilities into their software applications. This market is relatively new and unproven and is subject to a number of risks and uncertainties. We believe that our future success will depend in large part on the growth, if any, of this market. For example, the utilization of software APIs by developers and organizations to build communications functionality into their applications is still relatively new, and developers and organizations may not recognize the need for, or benefits of, our services and platform. If they do not recognize the need for and benefits of our services and platform, they may decide to adopt alternative services and/or develop the necessary services in-house to satisfy their business needs. In order to grow our business and expand our market position, we intend to focus on educating enterprise customers about the benefits of our services and platform, expanding the functionality of our services and bringing new technologies to market to increase market acceptance and use of our platform. Our ability to expand the market that our services and platform address depends upon a number of factors, including the cost, performance and perceived value associated with such services and platform. The market for our services and platform could fail to grow significantly or there could be a reduction in demand for our services and platform as a result of a lack of customer acceptance, technological changes or challenges, our inability to successfully introduce new product offerings, competing services and platforms, decreases in spending by current and prospective customers, weakening economic conditions, geopolitical developments, global pandemics, adverse regulatory developments or other causes. If our market does not experience significant growth or demand for our services and platform decreases, then our business, results of operations and financial condition could be adversely affected.

We must increase the network traffic and resulting revenue from the services that we offer to realize our targets for anticipated revenue growth, cash flow and operating performance.

We must increase the network traffic and resulting revenue from our inbound and outbound voice calling, messaging, emergency voice functions, telephone numbers and related services at acceptable margins to realize our targets for anticipated revenue growth, cash flow and operating performance. If:

- we do not maintain or improve our current relationships with existing key customers;
- we are not able to expand the available capacity on our network to meet our customers' demands in a timely manner;
- we do not develop and maintain relationships with new large enterprise customers; or
- our customers choose to obtain these services from either their own network or from one of our competitors,

then we may be unable to increase or maintain our revenue at acceptable margins.

Our business depends on customers increasing their use of our services, and any loss of customers or decline in their use of our services could materially and adversely affect our business, results of operations and financial condition.

Our ability to grow and generate incremental revenue depends, in part, on our ability to maintain and grow our relationships with existing customers and to have them increase their usage of our communications platform. If our customers do not increase their use of our services, then our revenue may decline and our results of operations may be harmed. Customers generally are charged based on the usage of our services. Most of our customers do not have long-term contractual financial commitments to us and, therefore, most of our customers may reduce or cease their use of our services at any time without penalty or termination charges. We cannot accurately predict customers' usage levels and the loss of customers or reductions in their usage levels of our services may each have a negative impact on our business, results of operations and financial condition and may cause our dollar-based net retention rate to decline in the future if our customers are not satisfied with our services. If a significant number of customers cease using, or reduce their usage of, our services, then we may be required to spend significantly more on sales and marketing than we currently plan to spend in order to maintain or increase revenue from customers. Such additional sales and marketing expenditures could adversely affect our business, results of operations and financial condition.

If we are unable to increase the revenue that we derive from enterprises, our business, results of operations and financial condition may be adversely affected.

Our ability to expand our sales to enterprise customers will depend, in part, on our ability to effectively organize, focus and train our sales and marketing personnel and to attract and retain sales personnel with experience selling to enterprises. We believe that there is significant competition for experienced sales professionals with the skills and technical knowledge that we require. Our ability to achieve significant revenue growth in the future will depend, in part, on our ability to recruit, train and retain a sufficient number of experienced sales professionals, particularly those with experience selling to enterprises. In addition, even if we are successful in hiring qualified sales personnel, new hires require significant training and experience before they achieve full productivity, particularly for sales efforts targeted at enterprises and new territories. Our recent hires and planned hires may not become as productive as quickly as we expect and we may be unable to hire or retain sufficient numbers of qualified individuals in the future in the markets where we do business.

With respect to enterprise customers, the decision to adopt our services may require the approval of multiple technical and business decision makers, including security, compliance, procurement, operations and IT. In addition, while enterprise customers may quickly deploy our services on a limited basis, before they will commit to deploying our services at scale, they often require extensive education about our services and significant customer support time, engage in protracted pricing negotiations and seek to secure readily available development resources. In addition, sales cycles for enterprises are inherently complex and lengthy, and some enterprise customers may not generate revenue that justifies the cost to obtain such customers. In addition, these complex and resource-intensive sales efforts could place additional strain on our limited product and engineering resources. Further, enterprises, including some of our customers, may choose to develop their own solutions that do not include our services. They also may demand reductions in pricing as their usage of our services increases, which could have an adverse impact on our gross margin. Our efforts to sell to these potential customers may not be successful. If we are unable to increase the revenue that we derive from enterprises, then our business, results of operations and financial condition may be adversely affected.

If we do not develop enhancements to our services and introduce new services that achieve market acceptance, our business, results of operations and financial condition could be adversely affected.

Our ability to attract new customers and increase revenue from existing customers depends in part on our ability to enhance and improve our existing services, increase adoption and usage of our services and introduce new

services. The success of any enhancements or new services depends on several factors, including timely completion, adequate quality testing, actual performance quality, market-accepted pricing levels and overall market acceptance. Enhancements and new services that we develop may not be introduced in a timely or cost-effective manner, may contain errors or defects, may have interoperability difficulties with our communications platform, network or other services or may not achieve the broad market acceptance necessary to generate significant revenue. We also must integrate with a variety of network, hardware, mobile and software platforms and technologies, which requires us to enhance and modify our products and our communications platform to adapt to changes and innovation in these technologies. Wireline and wireless telephone providers or cell-phone operating system providers such as Apple and Google have developed and may in the future develop new applications, functions or technologies intended to filter illegal robocalls or other unwanted phone calls or messages. Such applications, functions or technologies may inadvertently filter legal and desired calls or messages to or from our customers. In certain instances, we may need to update our services and technology to work with these applications, functions or technologies. Any failure to operate effectively with evolving or new technologies could reduce the demand for our services. If we cannot respond to these changes in a cost-effective manner, our services may become less competitive or obsolete, and our business, results of operations and financial condition could be adversely affected. To the extent that upgrades of existing products, services and technology are required for the introduction of new services, the success of these upgrades also may be dependent on reaching mutually acceptable terms with vendors and on vendors meeting their obligations in a timely manner.

Furthermore, our ability to increase the usage of our services depends, in part, on the development of new use cases for our services, which may be outside of our control. Our ability to generate usage of additional services by our customers may also require increasingly sophisticated and more costly sales efforts and result in a longer sales cycle. If we are unable to successfully enhance our existing services to meet evolving customer requirements, increase adoption and usage of our services or develop new services, or if our efforts to increase the usage of our services are more expensive than we expect, then our business, results of operations and financial condition would be adversely affected.

Our rapid growth may impact our corporate culture, operational infrastructure and management, and if we fail to effectively manage our continuing growth, then our business, results of operations and financial condition could be adversely affected.

We have experienced substantial growth in our business, which has placed and may continue to place significant demands on our corporate culture, operational infrastructure and management. We believe that our corporate culture has been a critical component of our success. We have invested substantial time and resources in building our team and nurturing our culture. As we expand our business, grow internationally and mature as a public company, we may find it difficult to maintain our corporate culture while managing this growth, particularly if governmental responses to COVID-19 require many of our employees to work remotely for a prolonged period of time. Any failure to manage our anticipated growth and organizational changes in a manner that preserves the key aspects of our culture could hurt our chance for future success, including our ability to recruit and retain personnel, and effectively focus on and pursue our corporate objectives. This, in turn, could adversely affect our business, results of operations and financial condition.

In addition, as we have rapidly grown, our organizational structure has become more complex. In order to manage these increasing complexities, we will need to continue to scale and adapt the way in which we are organized, our operational, financial and management controls, and our reporting systems and procedures. The expansion of our systems and infrastructure will require us to commit substantial financial, operational and management resources before our revenue increases and without any assurances that our revenue will increase.

This growth could strain our ability to maintain reliable service levels for our customers. If we fail to achieve the necessary level of efficiency in our organization as we grow, then our business, results of operations and financial condition could be adversely affected.

Our pricing and billing systems are complex, and errors could adversely affect our results of operations.

Our pricing and billing systems are complex to develop and challenging to implement. To be profitable, we must have accurate and complete information about the costs associated with voice and messaging, and properly incorporate such information into our pricing model. Our pricing model must also reflect accurate and current information about the market for our services, including the pricing of competitive alternatives for our services, as well as reliable forecasts of traffic volume. We may determine pricing for our services based on data that is outdated or otherwise flawed. Even if we have complete and accurate market information, we may not set prices that optimize both revenue and profitability. If we price our services too high, the amount of traffic that our customers may route to our network may decrease and accordingly our revenue may decline. If we price our services too low, our margins may be adversely affected, which will reduce our ability to achieve and maintain profitability.

Additionally, we rely on third parties to provide us with key software and services for our billing. If these third parties cease to provide those services to us for any reason, or fail to perform billing services accurately and completely, we may not be able to deliver accurate invoices promptly. Delays in invoicing can lead to delays in revenue recognition, and inaccuracies in our billing could result in lost revenue. If we fail to adapt quickly and effectively to changes affecting our costs, pricing and billing, our profitability and cash flow will be adversely affected.

We must continue to develop effective business support systems to implement customer orders and to provide and bill our customers for services.

We depend on our ability to continue to develop effective business support systems. This complicated undertaking requires significant resources and expertise and support from third-party vendors. Following the development of the business support systems, the data migration must be completed for the full benefit of the systems to be realized. Business support systems are needed for:

- quoting, accepting and inputting customer orders for services;
- provisioning, installing and delivering services;
- providing customers with direct access to the information systems included in our communications platform so that they can manage the services they purchase from us, generally through web-based customer portals; and
- billing for services.

On November 2, 2020, we acquired Voice Topco Limited, a private limited liability company incorporated under the laws of England and Wales (together with its subsidiaries, “Voxbone”), which directly or indirectly holds all of the issued and outstanding shares of Voxbone, S.A., a private limited liability company registered under the laws of Belgium. Prior to the completion of the acquisition of Voxbone, we and Voxbone operated independently. The integration process, including efforts to combine business support systems, is ongoing and continues to require significant time and resources. Because we are experiencing rapid growth in the number of customers we serve and the volume of services we deliver, through both organic growth and the Voxbone acquisition, we must continue to develop our business support systems on a schedule sufficient to meet customer demands. If we fail to develop effective business support systems, integrate our business support systems with those of businesses that we may acquire, or complete data migration between these systems, it could materially adversely affect our ability to implement our business plans, realize anticipated benefits from our acquisitions, if any, and meet our financial goals and objectives.

If we are not able to maintain and enhance our brand and increase market awareness of our company and services, then our business, results of operations and financial condition may be adversely affected.

We believe that maintaining and enhancing our brand identity and increasing market awareness of our company and services are critical to achieving widespread acceptance of our company and our communications platform, as well as to strengthen our relationships with our existing customers and to our ability to attract new

customers. The successful promotion of our brand will depend largely on our continued marketing efforts, our ability to continue to offer high quality services that meet the evolving needs of our existing and prospective customers and our ability to successfully differentiate our services from competing products and services. Our brand promotion activities may not be successful or yield increased revenue. In addition, independent industry analysts often provide reviews of our services and competing products and services, which may significantly influence the perception of our services in the marketplace. If these reviews are negative or not as strong as reviews of our competitors' services, then our brand may be harmed.

From time to time, our customers have complained about our services, such as complaints about our pricing and customer support. Additionally, we sometimes experience customer complaints relating to disruption to, or outage of, our services. If we do not handle customer complaints effectively, then our brand and reputation may suffer, our customers may lose confidence in us and they may reduce or cease their use of our services. In addition, many of our customers post and discuss on social media about products and services, including our services and our communications platform. Our success depends, in part, on our ability to generate positive customer feedback and minimize negative feedback on social media channels where existing and potential customers seek and share information. If actions we take or changes we make to our services or our communications platform upset these customers, then their online commentary could negatively affect our brand and reputation. Complaints or negative publicity about us, our services or our communications platform could materially and adversely affect our ability to attract and retain customers, our business, results of operations and financial condition.

The promotion of our brand also requires us to make substantial expenditures, and we anticipate that these expenditures will increase as our market becomes more competitive and as we expand into new markets. To the extent that these activities increase revenue, this revenue still may not be enough to offset the increased expenses we incur. In addition, due to restrictions on travel and in-person meetings resulting from COVID-19, we have attended planned customer and industry events as virtual-only experiences and cancelled others. We may alter, postpone or cancel other events in the future. Virtual meetings, events and interactions may not be as successful and may constrain our marketing, promotional and sales activity. If we do not successfully maintain and enhance our brand, then our business may not grow, we may see our pricing power reduced relative to competitors and we may lose customers, all of which would adversely affect our business, results of operations and financial condition.

Any failure to deliver and maintain high-quality customer support may adversely affect our relationships with our customers and prospective customers and could adversely affect our reputation, business, results of operations and financial condition.

Many of our customers depend on our customer support team to assist them in deploying or using our services effectively, to help them resolve post-deployment issues quickly and to provide ongoing support. If we do not devote sufficient resources or are otherwise unsuccessful in assisting our customers effectively, it could adversely affect our ability to retain existing customers and could prevent prospective customers from adopting our services. We may be unable to respond quickly enough to accommodate short-term increases in demand for customer support. We also may be unable to modify the nature, scope and delivery of our customer support to compete with changes in the support services provided by our competitors. Increased demand for customer support, without corresponding revenue, could increase costs and adversely affect our business, results of operations and financial condition. Our sales are highly dependent on our business reputation and on positive recommendations from existing customers. Any failure to deliver and maintain high-quality customer support, or a market perception that we do not maintain high-quality customer support, could adversely affect our reputation, business, results of operations and financial condition.

We operate internationally, which exposes us to significant risks.

We have expanded our international operations, including the deployment of data centers in Europe and the acquisition of Voxbone as further described below under “—Risks Related to the Acquisition of Voxbone.” As part of our growth strategy, we will continue to evaluate potential opportunities for further international expansion.

Operating in international markets requires significant resources and management attention, and subjects us to legal, regulatory, economic and political risks in addition to those we face in the United States. We have limited experience with international operations, and further international expansion efforts may not be successful.

In addition, we face risks in doing business internationally that could adversely affect our business, including:

- exposure to political developments in the United Kingdom (“U.K.”) as a result of the January 2020 departure of the U.K. from the European Union (“EU”), which has created an uncertain political and economic environment, instability for businesses and volatility in global financial markets and the value of foreign currencies, all of which could disrupt trade, the sale of our services and the mobility of our employees and contractors between the U.K., EU and other jurisdictions;
- difficulties in managing and staffing international operations, including difficulties related to the increased operations, travel, infrastructure, employee attrition and legal compliance costs associated with numerous international locations;
- our ability to effectively price our products in competitive international markets;
- new and different sources of competition;
- costs associated with network service providers outside of the United States;
- the need to adapt and localize our products for specific countries;
- challenges in understanding and complying with local laws, regulations and customs in foreign jurisdictions, particularly in the areas of telecommunications, data privacy and security;
- complexities related to differing technical standards, data privacy and telecommunications regulations and certification requirements outside the United States, which could prevent customers from deploying our products or limit their usage;
- export controls and economic sanctions administered by the Bureau of Industry and Security of the U.S. Department of Commerce and the Office of Foreign Assets Control of the U.S. Department of the Treasury;
- compliance with various anti-bribery and anti-corruption laws, such as the U.S. Foreign Corrupt Practices Act and U.K. Bribery Act 2010;
- international trade policies, tariffs and other non-tariff barriers, such as quotas;
- more limited protection for intellectual property rights in some countries;
- adverse consequences relating to the complexity of operating in multiple international jurisdictions with differing tax frameworks;
- fluctuations in currency exchange rates, which could increase the price of our products outside of the United States, increase the expenses of our international operations and expose us to foreign currency exchange rate risk;
- currency control regulations, which might restrict or prohibit our conversion of other currencies into U.S. dollars;
- restrictions on the transfer of funds;
- deterioration of political relations between the United States and other countries;

- public health epidemics, such as COVID-19, or natural disasters, which could have an adverse impact on our employees, contractors, customers, partners, travel and the global economy; and
- political or social unrest, acts of war or economic instability in a specific country or region in which we operate, which could have an adverse impact on our operations in that location.

In addition, due to potential costs from our international expansion efforts and network service provider fees outside of the United States, our gross margin for international customers may be lower than our gross margin for domestic customers. As a result, our overall gross margin may fluctuate as we further expand our operations and customer base internationally.

Our failure to manage any of these risks successfully could harm our international operations, and adversely affect our business, results of operations and financial condition.

The military conflict between Russia and Ukraine, and the global response to this conflict, may adversely affect our business and results of operations.

In response to the military conflict between Russia and Ukraine, the U.S., U.K., E.U. and others have imposed significant new sanctions and export controls against Russia and certain Russian individuals and entities. This conflict has also resulted in significant volatility and disruptions to the global markets. It is not possible to predict the short- or long-term implications of this conflict, which could include but are not limited to further sanctions, uncertainty about economic and political stability, increases in inflation rates and energy prices, supply chain challenges and adverse effects on currency exchange rates and financial markets. In addition, the U.S. government has reported that U.S. sanctions against Russia in response to the conflict could lead to an increased threat of cyberattacks against U.S. companies. These increased threats could pose risks to the security of our information technology systems, our network and our service offerings, as well as the confidentiality, availability and integrity of our data.

We have operations, as well as current and potential new customers, in Europe and have an office located in Romania. If the conflict extends beyond Ukraine or further intensifies, it could have an adverse impact on our operations in Romania or other affected areas. While we do not offer any services in Ukraine, we are continuing to monitor the situation in that country and globally as well as assess its potential impact on our business. As a result of the conflict and related sanctions and export controls, and the resulting uncertainty, we are in the process of terminating our service offerings in Russia and Belarus. Although neither Russia nor Belarus constitutes a material portion of our business, a significant escalation or further expansion of the conflict's current scope or related disruptions to the global markets could have a material adverse effect on our results of operations.

Our revenue is concentrated in a limited number of customers.

A significant portion of our revenue is concentrated among a limited number of customers. If we lost one or more of our top ten customers, or, if one or more of these major customers significantly decreased orders for our services, our business would be materially and adversely affected.

Attacks on or breaches of our networks or systems, or those of third parties upon which we rely, could degrade our ability to conduct our business, compromise the integrity of our services and our communications platform, result in service degradation or outages, significant data losses, the theft of our intellectual property, investigations by government agencies and damage to our reputation, and could expose us to liability to third parties and require us to incur significant additional costs to maintain the security of our networks and data.

We depend upon our IT systems to conduct virtually all of our business operations, ranging from our internal operations and R&D activities to our marketing and sales efforts and communications with our customers and business partners. Cyber-attacks, including through the use of malware, computer viruses, distributed denial of services (“DDoS”) attacks, credential harvesting and other means for obtaining unauthorized access to or disrupting the operation of our networks and systems and those of our suppliers, vendors and other service providers, could

cause harm to our business, including by misappropriating our proprietary information or that of our customers, employees and business partners or to cause interruptions of our services and our communications platform. Cyber-attacks may cause service degradation or outages, equipment failures, loss of information, including sensitive personal information of customers or employees or valuable technical and marketing information, as well as disruptions to our or our customers' operations. Cyber-attacks against companies have increased in frequency, scope and potential harm in recent years. Further, the perpetrators of cyber-attacks are not restricted to particular groups or persons. These attacks may be committed by company employees or external actors operating in any geography, including jurisdictions where law enforcement measures to address such attacks are unavailable or ineffective, and may even be launched by or at the behest of nation states.

Despite our efforts to reduce the risks associated with cyber-attacks, including the implementation of a number of defensive measures and protocols designed to protect our systems and networks, such efforts may be insufficient to repel or mitigate the effects of a major cyber-attack. For example, beginning on September 25, 2021, our communications network was subjected to a DDoS attack that caused intermittent service disruptions affecting certain of our markets and customers. A DDoS attack is a malicious attempt to disrupt the normal traffic of a targeted server, service or network by overwhelming the target or its surrounding infrastructure with a flood of unwanted internet traffic from multiple sources, resulting in the slowdown or blockage of legitimate traffic. The techniques employed by the DDoS attackers continued to evolve, and we implemented a number of additional DDoS mitigation techniques as the incident unfolded. We will continue to deploy security enhancements in an effort to further secure our network, and while we believe we have remediated the immediate consequences of this incident, cybersecurity events may have cascading effects that unfold over time and result in additional costs, including costs associated with defensive measures, investigations, contractual claims, performance penalties, litigation, the loss of future business and other losses and liabilities that may be difficult to foresee. Any perception by existing and prospective customers that our network and systems are not secure could result in a material loss of business and revenue and damage our reputation. Moreover, while we currently have no indication that our systems were breached or that data was exfiltrated in the DDoS attack, we cannot guarantee we will not uncover evidence of exfiltration or misuse of data or systems as a result of this incident. In addition, we cannot guarantee we will not experience a future cyber-attack or incident resulting in exfiltration or misuse of data or systems.

The techniques used by individuals or entities to access, disrupt or sabotage devices, systems and networks change frequently and may not be recognized until launched against a target. We may be unable to anticipate these techniques, and we may not become aware in a timely manner of a security breach, which could exacerbate the negative impact of such an event on our business or that of our customers. Additionally, we depend upon our employees and contractors to appropriately handle confidential and sensitive data, including customer data and customer proprietary network information pursuant to applicable federal law, and to deploy our IT resources in a safe and secure manner that does not expose our network systems to security breaches or the loss of data. Any data security incidents, including inadvertent disclosure or internal malfeasance by our employees, unauthorized access or usage, virus or similar breach or disruption of us or our services providers, could result in a loss of confidential information, theft of our intellectual property, damage to our reputation, loss of customers, litigation, regulatory investigations, fines, penalties and other liabilities.

Our existing general liability and cyber liability insurance policies may not cover, or may cover only a portion of, any potential claims related to cyber incidents or security breaches that we experience or may not be adequate to indemnify us for all or any portion of liabilities that may be imposed. We also cannot be certain that our existing insurance coverage will continue to be available on acceptable terms or in amounts sufficient to cover the potentially significant losses that may result from a security incident or breach or that the insurer will not deny coverage of any future claim. Accordingly, if our cybersecurity measures and those of our service providers fail to protect against unauthorized access, attacks (which may include sophisticated cyber-attacks) and the mishandling of data by our employees and contractors, then our reputation, business, results of operations and financial condition could be adversely affected.

We are currently subject to litigation related to taxes and charges associated with our provision of 911 services, which could divert management's attention and adversely affect our results of operations.

We, along with many other telecommunications companies and similar service providers, currently are subject to litigation regarding our billing, collection and remittance of non-income-based taxes and other similar charges regarding 911 services alleged to apply in certain states, counties, and municipalities located in California, Illinois, New York, Pennsylvania, and Rhode Island. See "Part II, Item 1. Legal Proceedings," in this Quarterly Report on Form 10-Q. We may face similar litigation in other jurisdictions in the future. While we are vigorously defending these lawsuits, litigation is inherently uncertain. Tax assessments, penalties and interest or future requirements arising from these lawsuits, the settlement of any such lawsuit or any other lawsuits that may arise in other jurisdictions, may adversely affect our business, results of operations and financial condition.

We face a risk of litigation resulting from customer misuse of our services and software to make or send unauthorized and/or unsolicited calls and/or messages, including those in violation of the Telephone Consumer Protection Act. Customer misuse of our services and software also could damage our reputation.

Calls and/or text messages originated or passed to us by our customers may subject us to potential risks, including litigation, regulatory enforcement, fines, and reputational damage. For example, the Telephone Consumer Protection Act of 1991 (the "TCPA") restricts telemarketing and the use of technologies that enable automatic calling and/or messaging without proper customer consent. This may result in civil claims against us, including those arising due to our customers' use of our platform, and requests for information through third-party subpoenas or regulatory investigations. For example, we, along with other telecommunications companies, have been named as a defendant in a TCPA action relating to our alleged failure to block unsolicited phone calls to the plaintiff and putative class members. See the section titled "Part II, Item 1. Legal Proceedings." Internationally, we also may become subject to similar laws imposing limitations on marketing calls to wireline and wireless numbers. The scope and interpretation of the laws that are or may be applicable to the making and/or delivery of calls and/or messages are continuously evolving and developing. If we do not comply with these laws or regulations or if we become liable under these laws or regulations due to the failure of our customers to comply with these laws by taking mandatory actions such as obtaining proper customer consent, we could become subject to lawsuits, fines, civil penalties, potentially significant statutory damages, consent decrees, injunctions, adverse publicity, loss of user confidence in our services, loss of users and other adverse consequences, which could materially harm our business.

Some of our customers may use our platform to transmit illegal, offensive, unsolicited and/or unauthorized calls and messages, including spam, phishing scams, and links to harmful applications. Some of our customers also may reproduce and distribute copyrighted material or the trademarks of others without permission. Such actions violate our practices and policies, including our Acceptable Use Policy, which applies to all customers. We generally complete considerable "know-your-customer" reviews before a customer, and in certain jurisdictions, an end user, can use our platform, although we cannot always conduct proactive audits of our customers thereafter to confirm compliance with our practices and policies, including our Acceptable Use Policy. We generally rely on our customers' contractual representations to us that their use of our platform will comply with applicable law and our practices and policies. In cases where our customers are reselling our services, we are relying on a contractual pass-through by our customers of similar contractual representations from their end users. We also generally evaluate complaints that we receive regarding our customers' use of our platform. Our substantial efforts will not prevent all illegal robocalls and other fraudulent activity. The unlawful or fraudulent use of our platform could subject us to claims for damages, copyright or trademark infringement, regulatory enforcement, fraud, or negligence or damage our reputation. Even if claims asserted against us do not result in liability, we may incur substantial costs to investigate and defend such claims. If we are liable for our customers' activities, we could be required to pay fines or penalties, redesign our business methods, limit our provision of certain services or otherwise expend resources to remedy any damages caused by such actions and avoid future liability.

We are also subject to litigation in the ordinary course of business, and uninsured judgments or a rise in insurance premiums may adversely affect our results of operations.

In the ordinary course of business, we are subject to various claims and litigation. Any such claims, regardless of merit, could be time-consuming and expensive to defend and could divert management's attention and resources. In accordance with customary practice, we maintain insurance against some, but not all, of these potential claims. We may elect not to obtain insurance if we believe that the cost of available insurance is excessive relative to the risks presented. The levels of insurance we maintain may not be adequate to fully cover any and all losses or liabilities. Further, we may not be able to maintain insurance at commercially acceptable premium levels or at all. If any significant judgment, claim (or a series of claims), a settlement or other event is not fully insured or indemnified against, it could have a material adverse impact on our business, financial condition and results of operations. There can be no assurance as to the actual amount of these liabilities or the timing thereof. We cannot be certain that the outcome of current or future litigation will not have a material adverse impact on our business and results of operations.

The communications industry faces significant regulatory uncertainties and the resolution of these uncertainties could harm our business, results of operations and financial condition.

If current or future regulations change, the Federal Communications Commission (the "FCC"), state regulators or regulators in other jurisdictions may not grant us required regulatory authorizations or may take action against us if we are found to have provided services without obtaining the necessary authorizations, or to have violated other requirements of their rules and orders. Delays in receiving required regulatory approvals or the enactment of new adverse regulation or regulatory requirements may slow our growth and have a material adverse effect on our business, results of operations and financial condition.

Proceedings before the FCC or regulators from foreign jurisdictions could limit our access to various network services or further increase the rates we must pay for such services. For example, proceedings before the FCC could result in an increase in the amount we pay to other carriers or a reduction in the revenue we derive from other carriers in, or retroactive liability for, access charges and reciprocal compensation. For example, on December 17, 2019, the FCC issued an order that revised its interpretation of the Voice-over Internet Protocol ("VoIP") symmetry rule. The FCC now concludes that LECs may assess end office switched access charges only if the LEC or its VoIP partner provides a physical connection to the last-mile facilities used to serve an end user. If neither the LEC nor its VoIP partner provides such a physical connection, the LEC may not assess end office switched access charges. The FCC also decided to give its order retroactive effect. We cannot predict the impact this FCC order may have on our business, including whether other carriers will agree with our legal interpretations and treatments, at this time. Other proceedings before the FCC could also result in increases in the cost of regulatory compliance. For example, the FCC has opened a proceeding to examine how to improve the delivery of emergency 911 services and whether to expand requirements to include communications services not currently subject to emergency calling obligations. A number of states also have proceedings pending that could impact our access to and the rates we pay for network services. Other state proceedings could limit our pricing and billing flexibility. Our business would be substantially impaired if the FCC, the courts or state commissions eliminated our access to the facilities and services we use to serve our customers, substantially increased the rates we pay for facilities and services, increased the costs or complexity associated with providing emergency 911 services or adversely affected the revenue we receive from other carriers or our customers. In addition, congressional legislative efforts to rewrite the Telecommunications Act of 1996 or enact other telecommunications legislation, as well as various state legislative initiatives, may cause major industry and regulatory changes. We cannot predict the outcome of these proceedings or legislative initiatives or the effects, if any, that these proceedings or legislative initiatives may have on our business and operations.

While we believe we are currently in compliance in all material respects with all material federal, state, local and international rules and regulations, these regulations are subject to interpretation and the relevant regulators may determine that our application of these rules and regulations is not consistent with their interpretation. Additionally, in certain instances, third parties or government agencies may bring action with federal, state, local or international regulators if they believe a provider has breached applicable rules and regulations.

The effects of increased regulation of IP-based service providers are unknown.

While the FCC has to date generally subjected IP-based service providers in the United States to less stringent regulatory oversight than traditional common carriers, the FCC has imposed certain regulatory obligations on providers of interconnected and non-interconnected VoIP services, including the obligations to contribute to the Universal Service Fund, to provide 911 services, and to comply with the Communications Assistance for Law Enforcement Act. The recently enacted TRACED Act aims to mitigate illegal robocalls by directing the FCC to conduct certain rulemaking proceedings that include adopting rules that require participation in the technical standard known as the Secure Telephone Identity Revisited (“STIR”) and Signature-based Handling of Asserted Information Using toKENs (“SHAKEN”) (together, “STIR/SHAKEN”), among other requirements. For large carriers, IP-based network equipment and the IP services that operate on such equipment were required to support the STIR/SHAKEN framework as of June 30, 2021. Bandwidth has had a small sub-set of services and customer accounts that operate on legacy IP equipment that is not STIR/SHAKEN capable. Bandwidth is working to retire such equipment. There may be regulatory activity related to the timing of Bandwidth’s efforts to retire such non-STIR/SHAKEN capable equipment. Failure to comply with existing regulations, or the imposition of additional regulations could have a material adverse effect on our business.

Our operations are subject to significant regulation and require us to obtain and maintain numerous governmental licenses and permits in the United States and internationally. If we fail to obtain and maintain those licenses and permits, we may not be able to conduct our business. Moreover, changes in regulatory requirements could significantly increase our costs or otherwise adversely affect our operations.

In the ordinary course of operating our network and providing our services, we must obtain and maintain a variety of telecommunications and other licenses, permits and authorizations. We also must comply with a variety of ongoing regulatory obligations. If we are unable to obtain and maintain the licenses and permits needed to operate and expand our network on acceptable terms and on a timely basis, our business could be materially adversely affected. In addition, the cancellation or non-renewal of the licenses or permits we hold could materially adversely affect our business. Our failure to comply with the obligations imposed upon license and permit holders, including the payment of fees, may cause sanctions or additional costs, including the revocation of authority to provide services.

Our operations are subject to regulation at the national, state and local levels. Our operations are also subject to additional regulation by other countries in our international markets. Changes to existing regulations or rules, or the failure of regulatory agencies to regulate in areas historically regulated on matters such as network neutrality, licensing fees, environmental, health and safety, privacy, intercarrier compensation, emergency services, interconnection, illegal robocalling, extra-territorial use of telephone numbers, and other areas, in general or particular to our industry, may increase uncertainty, increase costs, restrict operations or decrease revenue.

Our inability or failure to comply with telecommunications and other laws and regulations could cause the temporary or permanent suspension of our operations. In addition, if we cannot provide emergency calling functionality through our communications platform to meet any applicable federal, state or international requirements, the competitive advantages that we currently have may not persist, adversely affecting our ability to obtain and to retain enterprise customers which could have an adverse impact on our business.

We are subject to telecommunications laws and regulations in the non-U.S. countries where we offer our services. Numerous country-specific laws and governmental regulations apply to our business and may increase our costs, impact our products and communications platform or prevent us from offering or providing our products in certain countries. Many existing non-U.S. laws and regulations may not fully contemplate CPaaS solutions and the interpretation and enforcement of non-U.S. laws and regulations may involve significant uncertainties. For example, several European countries have adopted “know your customer” requirements regarding end users and have mandated the real-time provisioning of data to national law enforcement authorities’ systems.

In January 2018, the FCC repealed its Network Neutrality Rules. Our business could suffer with respect to the quality of the services we offer, our ability to maintain our internet-based services and our services offered

through our communications platform, a reduction in our profitability or an increase in the price of our services making our offerings less competitive in the marketplace.

In January 2018, the FCC adopted an order largely repealing its network neutrality rules (the “Order”). Among other things, the pre-existing network neutrality rules prevented providers of broadband internet access services—like cable and telephone companies—from blocking, impairing and degrading service offerings from non-affiliated third parties like us. In 2019, the U.S. Court of Appeals for the District of Columbia Circuit largely affirmed the Order, but vacated the portion of the Order that would bar states from imposing any rule or requirement inconsistent with the FCC’s order. Various companies appealed the federal court of appeals decision in December 2019. We cannot predict whether the FCC will reverse the Order, whether the appeal will be successful or whether any states will adopt legislation that results in restoring the pre-existing network neutrality rules. If broadband providers were to block, impair or degrade our internet-based services or services we offer through our communications platform, or were to charge us or our customers to access and use our internet-based services or services offered through our communications platform, we could lose customers and our business could be materially adversely affected. Most major broadband internet access providers have publicly stated they will not block, impair or degrade third party offerings. We cannot predict the potential impact of the Order or future legal and regulatory developments that may occur.

Our business is subject to complex and evolving laws and regulations, commercial standards, contractual obligations and other requirements related to information collection.

We are subject to various federal, state, local and foreign laws and regulations, contractual commitments and industry standards that create obligations and impose restrictions with respect to the collection, storage, retention, use, processing, transmission, sharing, disclosure and protection of personal data and other customer data, including “customer proprietary network information” under applicable U.S. laws. We must comply with these obligations and restrictions and may be subject to significant consequences, including penalties and fines, if we fail to comply. These obligations and restrictions continue to develop and evolve rapidly, and it is possible that we may not be, or may not have been, compliant with each such obligation and restriction.

The complexity and evolving nature of these obligations and restrictions subject us to the risk of differing interpretations, inconsistency or conflicts among countries or rules, and creates uncertainty regarding their application to our business. Uncertainty and changes in the requirements of multiple jurisdictions may increase the cost of compliance, delay or reduce demand for our services, restrict our ability to offer services in certain locations, impact our customers’ ability to utilize our services in certain jurisdictions, or subject us to sanctions by national data protection regulators, all of which could harm our business, financial condition and results of operations.

These obligations and restrictions may limit our ability to collect, store, process, use, transmit and share data with our customers, employees, consultants and third-party providers, which may result in our inability in certain cases to provide services to our customers or to offer a global customer experience. These obligations may also limit the ability of our customers to collect, store, retain, protect, use, process, transmit, share and disclose data with others through our services. Compliance with, and other burdens imposed by, such obligations and restrictions could increase the cost of our operations and adversely impact our business.

Any failure to comply with these obligations and restrictions or our own posted privacy policies and notices, or any security incident that results in a personal data breach or the unauthorized access to, or the acquisition, release or transfer of, other customer data, could subject us to investigations, proceedings or actions against us by governmental entities or others, lawsuits, fines, criminal penalties, statutory damages, consent decrees, injunctions, adverse publicity, contractual liability, civil liabilities, loss of customer confidence, damage to our brand and reputation or a loss of customers, any of which could materially harm our business.

If we were to suffer or if one of our customers or vendors were to suffer a personal data breach or other security incident, we may be subject to the jurisdiction of a variety of governmental agencies. We may have to comply with a variety of data breach requirements at the national and state levels in the United States and in other

countries, comply with any resulting investigations, as well as offer mitigation to customers and potential end users of certain customers to which we provide services. We could also be subject to fines, forfeitures and other penalties that may adversely impact our business.

From time to time, various federal, state and foreign legislative or regulatory bodies may enact new or additional laws and regulations concerning data-protection issues. For example, certain laws or regulations may mandate disclosure of customer information to domestic or international law enforcement bodies, which could adversely impact our business, our brand or our reputation with customers and may not always provide a level of protection for such information that is required by other laws or regulations. In other cases, some countries may limit the transfer of personal data or require that that personal data regarding customers in their country be maintained solely in their country. Having to maintain local data centers and redesign product, service and business operations to limit the processing of personal data to within individual countries could increase our operating costs significantly.

Additionally, some of our third-party vendors may have access to customer, end user or employee data. If these third-party vendors violate obligations and restrictions related to applicable data protection laws or our policies or contractual commitments, such violations may also put us, or data relating to our customers, end users or employees, at risk and could in turn have a material and adverse effect on our business.

Our business could suffer if we cannot obtain or retain local or toll-free numbers, are prohibited from obtaining local or toll-free numbers, or are limited to distributing local or toll-free numbers to only certain customers.

Our future success depends on our ability to procure large quantities of local and toll-free numbers to meet customer demands at reasonable cost and without undue restrictions. Our ability to procure and distribute numbers depends on factors outside of our control, such as applicable regulations, the practices of the communications carriers that provide numbers to us in certain jurisdictions, the cost of obtaining and managing numbers and the level of demand for new numbers. Due to their limited availability, there are certain popular area code prefixes and specialized numbers that we may not be able to obtain in desired quantities or at all. Our inability to acquire or retain numbers for our operations would make our services, including our communications platform, less attractive to potential customers that desire assignments of particular numbering resources. In addition, future growth of our customer base, together with growth of customer bases of other providers of communications services, has increased, which increases our dependence on needing large quantities of local and toll-free numbers associated with desirable area codes or specific toll-free numbering resources at a reasonable cost and without undue restriction. If we are not able to obtain or retain adequate local and toll-free numbers, or attractive subsets of such resources, our business, results of operations and financial condition could be materially adversely affected.

In addition, in order to procure, distribute and retain telephone numbers in certain foreign jurisdictions, we will be required to register with the local telecommunications regulatory authorities, some of which have been increasingly monitoring and regulating the categories of phone numbers that are eligible for provisioning to our customers, including geographical, regional, local and toll-free phone numbers. We have registered or obtained licenses, or are in the process of registering or obtaining licenses, in various countries in which we do business, but in some countries, the regulatory regime around provisioning of phone numbers is unclear, subject to change over time, and sometimes may conflict from jurisdiction to jurisdiction. Furthermore, these regulations and governments' approach to their enforcement, as well as our products and services, are still evolving and we may be unable to maintain compliance with applicable regulations, or enforce compliance by our customers, on a timely basis or without significant cost. Also, compliance with these types of regulations may require changes in products or business practices that result in reduced revenue. If we or our customers use or assign phone numbers in these countries in a manner that violates applicable rules and regulations, we may also be subject to significant penalties or governmental action, including government-initiated audits and, in extreme cases, may be precluded from doing business in that particular country. In the event of such non-compliance, we may be forced to reclaim phone numbers from our customers, which could result in loss of customers, breach of contract claims, loss of revenue and reputational harm, all of which could have a material adverse effect on our business, results of operations and financial condition.

We may be exposed to liabilities under anti-corruption, export control and economic sanction regulations, and similar laws and regulations, and any determination that we violated any of these laws or regulations could have a material adverse effect on our business.

We are subject to the Foreign Corrupt Practices Act (“FCPA”), the U.K. Bribery Act and other laws that prohibit improper payments or offers of payments to foreign governments and their officials, political parties, and/or private parties by persons and entities for the purpose of obtaining or retaining business. Our international activities create the risk of unauthorized payments or offers of payments by one of our employees or consultants, even though these parties are not always subject to our control. Our policies prohibit these practices by our employees and consultants, although our existing safeguards and any future improvements may prove to be less than effective, and our employees or consultants may engage in conduct for which we might be held responsible. Violations of the FCPA, the U.K. Bribery Act or other laws may result in severe criminal or civil sanctions, and we may be subject to other liabilities, which could negatively affect our business, operating results, and financial condition.

Our products and services may be subject to export control and economic sanctions regulations, including the U.S. Export Administration Regulations, U.S. Customs regulations and various economic and trade sanctions regulations administered by the U.S. Treasury Department’s Office of Foreign Assets Control. Our products and services must be offered and sold in compliance with these laws and regulations. If we do not comply with these laws or regulations or if we become liable under these laws or regulations due to the failure of our customers to comply with these laws by obtaining proper consent, we could face liability. In addition, changes in our products or services, changes in applicable regulations, or change in the target of such regulations, could also result in decreased use of our products and services, or in our decreased ability to sell our products or provide our services to existing or prospective customers with international operations. Any decreased use of our products and services or limitation on our ability to export our products and provide our services could adversely affect our business, results of operations and financial condition.

Intellectual property and proprietary rights of others could prevent us from using necessary technology to provide our services or subject us to expensive intellectual property litigation.

If technology that we require to provide our services, including our communications platform, was determined by a court to infringe a patent held by another entity that will not grant us a license on terms acceptable to us, we could be precluded by a court order from using that technology and we would likely be required to pay significant monetary damages to the patent holder. The successful enforcement of these patents, or our inability to negotiate a license for these patents on acceptable terms, could force us to cease (i) using the relevant technology and (ii) offering services incorporating the technology. If a claim of infringement was brought against us based on the use of our technology or against our customers based on their use of our services for which we are obligated to indemnify, we could be subject to litigation to determine whether such use or sale is, in fact, infringing. This litigation could be expensive and distracting, regardless of the outcome.

While our own limited patent portfolio may deter other operating companies from bringing such actions, patent infringement claims may also be asserted by patent holding companies, which do not use technology and whose sole business is to enforce patents against operators, such as us, for monetary gain. Because such patent holding companies, commonly referred to as patent “trolls,” do not provide services or use technology, the assertion of our own patents by way of counter-claim would be largely ineffective.

Our use of open source software could negatively affect our ability to sell our services and subject us to possible litigation.

Our services, including our communications platform, incorporate open source software, and we expect to continue to incorporate open source software in our services in the future. Few of the licenses applicable to open source software have been interpreted by courts, and there is a risk that these licenses could be construed in a manner that could impose unanticipated conditions or restrictions on our ability to commercialize our services, including our communications platform. Moreover, although we have implemented policies to regulate the use and

incorporation of open source software into our services, we cannot be certain that we have not incorporated open source software in our services in a manner that is inconsistent with such policies. If we fail to comply with open source licenses, we may be subject to certain requirements, including requirements that we offer our services that incorporate the open source software for no cost, that we make available source code for modifications or derivative works we create based upon, incorporating or using the open source software and that we license such modifications or derivative works under the terms of applicable open source licenses. If an author or other third-party that distributes such open source software were to allege that we had not complied with the conditions of one or more of these licenses, we could be required to incur significant legal expenses defending against such allegations and could be subject to significant damages, enjoined from generating revenue from customers using services that contained the open source software and required to comply with onerous conditions or restrictions on these services. In any of these events, we and our customers could be required to seek licenses from third parties in order to continue offering our services and to re-engineer our services or discontinue offering our services to customers in the event re-engineering cannot be accomplished on a timely basis. Any of the foregoing could require us to devote additional R&D resources to re-engineer our services, could result in customer dissatisfaction and may adversely affect our business, results of operations and financial condition.

Indemnity provisions in various agreements potentially expose us to substantial liability for intellectual property infringement and other losses.

Our agreements with customers and other third parties typically include indemnification or other provisions under which we agree to indemnify or are otherwise liable to them for losses suffered or incurred as a result of claims of intellectual property infringement, damages caused by us to property or persons or other liabilities relating to or arising from our services or platform or other acts or omissions. The term of these contractual provisions often survives termination or expiration of the applicable agreement. Large indemnity payments or damage claims from contractual breach could harm our business, results of operations and financial condition. Although we normally contractually limit our liability with respect to such obligations, we may still incur substantial liability related to them. Any dispute with a customer with respect to such obligations could have adverse effects on our relationship with that customer and other current and prospective customers, reduce demand for our services and adversely affect our business, results of operations and financial condition.

If we fail to protect our internally developed systems, technology and software and our patents and trademarks, we may become involved in costly litigation or our business or brand may be harmed.

Our ability to compete effectively is dependent in large part upon the maintenance and protection of systems and software that we have developed internally, including some systems and software based on open standards. We cannot patent much of the technology that is important to our business. In addition, any pending patent applications may not be granted, and any issued patent that we own may be challenged, narrowed, invalidated or circumvented. To date, we have relied on patent, copyright and trade secret laws, as well as confidentiality procedures and licensing arrangements, to establish and protect our rights to our technology. While we typically enter into confidentiality agreements with our employees, consultants, customers, and vendors in an effort to control access to and distribution of technology, software, documentation and other information, these agreements may not effectively prevent disclosure of confidential information and may not provide an adequate remedy in the event of unauthorized disclosure of confidential information. Despite these precautions, it may be possible for a third party to copy or otherwise obtain and use our technology without authorization. In addition, others may independently discover trade secrets and proprietary information, and in such cases we could not assert any rights against such party. Policing unauthorized use of our technology is difficult. The steps we take may not prevent misappropriation of the technology we rely on. In addition, effective protection may be unavailable or limited in some jurisdictions outside the United States. Litigation may be necessary in the future to enforce or protect our rights or to determine the validity and scope of the rights of others. That litigation could cause us to incur substantial costs and divert resources away from our daily business, which in turn could adversely affect our business, results of operations and financial condition.

The unlicensed use of our brands by third parties could harm our reputation, cause confusion among our customers or impair our ability to market our services. Accordingly, we have registered trademarks and service marks and have applied for registration of our trademarks and service marks in the United States and certain jurisdictions outside the United States to establish and protect our brand names as part of our intellectual property strategy. The laws of some countries do not protect intellectual property and other proprietary rights to the same extent as the laws of the United States. Our exposure to unauthorized copying, transfer and use of our proprietary technology or information may increase as we expand our international operations. We cannot assure you that our pending or future trademark applications will be approved. Although we anticipate that we would be given an opportunity to respond to any such rejections, we may be unable to overcome any such rejections. In addition, in proceedings before the U.S. Patent and Trademark Office third parties are given an opportunity to oppose pending trademark applications and seek to cancel registered trademarks. Opposition or cancellation proceedings may be filed against our trademarks, and our trademarks may not survive such proceedings. In the event that our trademarks are successfully challenged, we could be forced to rebrand our services, which could result in loss of brand name recognition. Moreover, successful opposition to our applications might encourage third parties to make additional oppositions or commence trademark infringement proceedings against us, which could be costly and time consuming to defend against. If we decide to take limited or no action to protect our trademarks, our trademark rights may be diluted and subject to challenge or invalidation, which could materially and adversely affect our brand in the marketplace. Certain of the trademarks we may use may become so well known by the public that their use becomes generic and they lose trademark protection. Over the long term, if we are unable to establish name recognition based on our trademark and tradenames, then we may not be able to compete effectively and our business may be adversely affected. Further, we cannot assure you that competitors will not infringe our trademarks or that we will have adequate resources to enforce our trademarks.

We may be liable for the information that content owners or distributors distribute over our network.

The law relating to the liability of private network operators for information carried on or disseminated through their networks remains unsettled. While we disclaim any liability for third-party content in our services agreements, we may become subject to legal claims relating to the content disseminated on our network, even though such content is owned or distributed by our customers or a customer of our customers. For example, lawsuits may be brought against us claiming that material distributed using our network was inaccurate, offensive or violated the law or the rights of others. Claims could also involve matters such as defamation, invasion of privacy and copyright infringement. In addition, the law remains unclear over whether content may be distributed from one jurisdiction, where the content is legal, into another jurisdiction, where it is not. Companies operating private networks have been sued in the past, sometimes successfully, based on the nature of material distributed, even if the content is not owned by the network operator and the network operator has no knowledge of the content or its legality. It is not practical for us to monitor all of the content distributed using our network. We may need to take costly measures to reduce our exposure to these risks or to defend ourselves against such claims, which could adversely affect our results of operations and financial condition.

Third parties may fraudulently use our name to obtain access to customer accounts and other personal information, use our services to commit fraud or steal our services, which could damage our reputation, limit our growth or cause us to incur additional expenses.

Our customers may have been subject to “phishing,” which occurs when a third party calls or sends an email or pop-up message to a customer that claims to be from a business or organization that provides services to the customer. The purpose of the inquiry is typically to encourage the customer to visit a bogus website designed to look like a website operated by the legitimate business or organization or provide information to the operator. At the bogus website, the operator attempts to trick the customer into divulging customer account or other personal information such as credit card information or to introduce viruses through “Trojan horse” programs to the customers’ computers. This could result in identity theft from our customers and the unauthorized use of our services. Third parties also have used our communications services to commit fraud. If we are unable to detect and prevent “phishing” and other similar methods, use of our services for fraud and similar activities, our brand

reputation and growth may suffer and we may incur additional costs, including costs to increase security, or be required to credit significant amounts to customers.

Third parties also have used our communications services without paying, including by submitting fraudulent credit information and fraudulent credit card information. This has resulted in our incurring the cost of providing the services, including incurring call termination fees, without any corresponding revenue. We have implemented anti-fraud procedures in order to limit the expenses resulting from theft of service. If our procedures are not effective, theft of service could significantly increase our expenses and adversely affect our business, results of operations and financial condition.

If our customers or their end users do not accept the differences between our service and traditional telephone service, they may choose to remain with their current telephone service provider or may choose to return to service provided by traditional network service providers.

Aspects of our services based on VoIP, including our communications platform, are not the same as traditional network service providers. Our continued growth is dependent on the adoption of our services by mainstream customers and their end users, so these differences are important. For example:

- Our 911 calling and other emergency calling services are different, in significant respects, from the 911 and other emergency calling services associated with traditional wireline and wireless telephone providers and, in certain cases, with other VoIP providers.
- In the event of a power loss or Internet access interruption experienced by a customer, our service may be interrupted.
- Our customers' end users may experience lower call quality than they are used to from traditional wireline or wireless telephone companies, including static, echoes and delays in transmissions.
- Our customers' end users may not be able to call premium-rate telephone numbers such as 1-900 numbers and 976 numbers.

We may lose customers if we experience failures of our system or communications platform that significantly disrupt the availability and quality of the services that we provide. Such failures may also cause interruptions to service delivery and the completion of other corporate functions.

Our operations depend on our ability to limit and mitigate interruptions or degradation in service for customers. Interruptions in service or performance problems, for whatever reason, could undermine our customers' confidence in our services and cause us to lose customers or make it more difficult to attract new ones. Because many of our services are critical to the businesses or daily lives of many of our customers or our customers' end users, any significant interruption or degradation in service also could result in lost profits or other losses to customers. Although our service agreements generally limit our liability for service failures and generally exclude any liability for "consequential" damages such as lost profits, a court might not enforce these limitations on liability, which could expose us to financial loss. We also sometimes provide our customers with committed service levels. If we fail to meet these committed service levels, we could be required to provide service credits or other compensation to our customers, which could adversely affect our results of operations.

The failure of any equipment or facility on our network, including our network operations control centers and network data storage locations, could interrupt customer service and other corporate functions until we complete necessary repairs or install replacement equipment. Our business continuity plans also may be inadequate to address a particular failure that we experience. Delays, errors or network equipment or facility failures could result from natural disasters, pandemics such as COVID-19, disease, accidents, terrorist acts, acts of war, power losses, security breaches, vandalism or other illegal acts, computer viruses or other causes. These delays, errors or failures could significantly impair our business due to:

- service interruptions;

- malfunction of our communications platform on which our enterprise users rely for voice, messaging or emergency service functionality;
- exposure to customer liability;
- the inability to install new service;
- the unavailability of employees necessary to provide services;
- the delay in the completion of other corporate functions such as issuing bills and the preparation of financial statements; or
- the need for expensive modifications to our systems and infrastructure.

Defects or errors in our services could diminish demand for our services, harm our business and results of operations and subject us to liability.

Our customers use our services for important aspects of their businesses, and any errors, defects or disruptions to our services and any other performance problems with our services could damage our customers' businesses and, in turn, hurt our brand and reputation. We provide regular updates to our services, which have in the past contained, and may in the future contain, undetected errors, failures, vulnerabilities and bugs when first introduced or released. Real or perceived errors, failures or bugs in our services could result in negative publicity, loss of or delay in market acceptance of our platform, loss of competitive position, lower customer retention or claims by customers for losses sustained by them. In such an event, we may be required, or may choose, for customer relations or other reasons, to expend additional resources in order to help correct the problem. In addition, we may not carry insurance sufficient to compensate us for any losses that may result from claims arising from defects or disruptions in our services. As a result, our brand and reputation could be harmed, and our business, results of operations and financial condition may be adversely affected.

If our emergency services do not function properly, we may be exposed to significant liability from our users.

Certain of our IP telephony offerings, as well as the 911 and other emergency services solutions that we offer are subject to FCC and other rules governing the delivery of emergency calling services. The rules and laws that govern emergency calling services are subject to change as communications technologies and consumer use of emergency services change. Similar to other providers of IP telephony services, our 911 and other emergency services are different from those associated with traditional local telecommunications services. These differences may lead to an inability to make and complete calls that would not occur for users of traditional telephony services. For example, to provide the emergency calling services required by the FCC's rules to our IP telephony consumers, we may use components of both the wireline and wireless infrastructure in unique ways that can result in failed connections and calls routed to incorrect emergency call centers. Routing emergency calls over the Internet may be adversely affected by power outages and network congestion that may not occur for users of traditional telephony services. Emergency call centers may not be equipped with appropriate hardware or software to accurately process and respond to emergency calls initiated by consumers of our IP telephony services, and calls routed to the incorrect emergency call center can significantly delay response times for first responders. Users of our interconnected VoIP telephony services from a fixed address in the United States are required to manually update their location information for use when calling 911, and failure to do so may result in dispatching of assistance to the wrong location. Even manual updates made appropriately require a certain amount of time before the updated address appears in the relevant databases which could result in misrouting emergency calls to the wrong emergency calling center, dispatching first responders to the wrong address, or both. Similar requirements and delays applicable to relevant databases also apply to local emergency services provided outside the United States. Moreover, the relevant rules with respect to what address information should be provided to emergency call centers when the call originates from a mobile application are unsettled and evolving. As a result, we could be subject to enforcement action by the FCC or other entities — possibly exposing us to significant monetary penalties, cease and desist orders, civil liability, loss of user confidence in our services, loss of users, and other adverse consequences, which could

materially harm our business. The FCC's rules, and some states, also impose other obligations on us, such as properly recording our customers' registered locations, obtaining affirmative acknowledgement from customers that they are aware of the differences between emergency calling services associated with IP telephony as compared with traditional telecommunications services, and distribution of appropriate warning labels to place on or near hardware used to place IP telephony calls. Similar obligations apply to local emergency services provided outside the United States. Failure to comply with these requirements, or failure of our communications platform such that 911 and other emergency calls did not complete or were misrouted, may result in FCC, foreign regulatory or other enforcement action, state attorneys' general investigations, potential exposure to significant monetary penalties, cease and desist orders, civil liability to our users and their customers, loss of user confidence in our services, loss of users, and other adverse consequences, which could materially harm our business.

National regulations, including the FCC's rules, also require that we timely report certain 911 and other emergency service outages. The FCC or other applicable regulatory authorities may make inquiries regarding matters related to any reported 911 or other emergency service outage. Any inquiry could result in regulatory enforcement action, potential monetary penalties and other adverse consequences.

Any disruption to or termination of arrangements with key suppliers could cause delay and additional costs and could harm our relationships with current and prospective customers.

Our business is dependent on third-party suppliers for fiber, computers, software, transmission electronics and related network components, as well as providers of network colocation facilities that are integrated into our network, some of which are critical to the operation of our business. If any of these critical relationships is terminated, a supplier either exits or curtails its business as a result of economic conditions, a supplier fails to provide critical services or equipment, or the supplier is forced to stop providing equipment or services due to supply chain issues or legal constraints, such as patent infringement, and we are unable to reach suitable alternative arrangements quickly, we may experience significant additional costs or we may not be able to provide certain services to customers. If that happens, our business, results of operations and financial condition could be materially adversely affected. There can be no assurance that alternative components or equipment will be available when required or on terms that are commercially reasonable, which could extend our lead times, increase the cost of maintaining our network, result in service outages and otherwise harm our business, operating results and financial condition. We may not be able to continue to procure components at reasonable prices, which may require us to enter into longer-term contracts with component suppliers to obtain components at competitive prices. Any of the foregoing disruptions could exacerbate other risk factors and increase our costs and decrease our gross margins, harming our business, operating results and financial condition.

Many of our third-party suppliers do not have long-term committed contracts with us and may interrupt services or terminate their agreements with us without notice or by providing 30 days prior written notice. Although we expect that we could receive similar services from other third-party suppliers, if any of our arrangements with our third-party suppliers are terminated or interrupted, we could experience interruptions in our ability to make our services available to customers, as well as delays and additional expenses in arranging alternative providers. If a significant portion of our third-party suppliers fail to provide these services to us on a cost-effective basis or otherwise terminate or interrupt these services, the delay caused by qualifying and switching to other providers could be time consuming and costly and could adversely affect our business, results of operations and financial condition.

One of our third-party suppliers, Level 3, provides us with certain 911 call routing and termination services. Level 3 is our preferred provider for these services pursuant to an agreement that automatically renews for consecutive one-year periods, unless terminated by either Level 3 or us. Level 3 may cancel the agreement upon two years' notice and we may cancel the agreement upon one year's notice. If our agreement with Level 3 terminates for any reason other than our default, Level 3 must continue to provide these services to us for at least two years to allow us to transition to another provider. We are obligated to pay Level 3 a minimum of \$100,000 per month for as long as the agreement continues. Additionally, Level 3 has a right of first refusal to provide these 911 call routing and termination services to us in additional geographic areas.

Our growth and financial health are subject to a number of economic risks.

The financial markets in the United States have experienced substantial uncertainty during recent years, particularly following the COVID-19 outbreak. This uncertainty has included, among other things, extreme volatility in securities prices, reduced liquidity and credit availability, rating downgrades of certain investments and declining values with respect to others. If capital and credit markets continue to experience uncertainty and available funds remain limited, we may not be able to obtain debt or equity financing or to refinance our existing indebtedness on favorable terms or at all, which could affect our strategic operations and our financial performance and force modifications to our operations. These conditions currently have not precluded us from accessing credit markets or financing our operations, but there can be no assurance that financial markets and confidence in major economies will not deteriorate.

In addition, we are vulnerable to changes in market preferences or other market changes, such as general economic conditions, recession and fears of recession, interest rates, tax rates and policies, and inflation. The U.S. is currently experiencing unusually high rates of inflation, and we may experience a compression in our margins as a result. The U.S. and global economies have in the past, and will in the future, experience recessionary periods and periods of economic instability. During such periods, our existing and potential customers may choose not to expend the amounts that we anticipate based on our expectations with respect to the addressable market for the services we offer. There could also be a number of other effects from adverse general business and economic conditions on our business, including insolvency of any of our third-party suppliers or contractors, decreased market confidence, decreased interest in communications solutions, decreased discretionary spending and reduced customer demand for the services we offer, any of which could have a material adverse effect on our business, financial condition and results of operations and exacerbate some of the other risk factors contained in this Quarterly Report on Form 10-Q.

Key vendors upon which we rely also could be unwilling or unable to provide us with the materials or services that we need to operate our communications platform or otherwise on a timely basis or on terms that we find acceptable. Our financial counterparties, insurance providers or others also may default on their contractual obligations to us. If any of our key vendors fail, we may not be able to replace them without disruptions to, or deterioration of, our services and we also may incur higher costs associated with new vendors. Transitioning to new vendors also may result in the loss of the value of assets associated with our integration of third-party services into our network or service offerings.

Our customer churn rate may increase.

Customer churn occurs when a customer reduces usage or discontinues service with us, whether voluntarily or involuntarily, such as a customer switching some or all of its usage to a competitor or going out of business. Changes in the economy, increased competition from other providers, cyber incidents such as the DDoS attack or issues with the quality of service we deliver can impact our customer churn rate. We cannot predict future pricing by our competitors, but we anticipate that price competition will continue. Lower prices offered by our competitors could contribute to an increase in customer churn. We cannot predict the timing, duration or magnitude of any deteriorated economic conditions or its impact on our target of customers. Higher customer churn rates could adversely affect our revenue growth. Higher customer churn rates could cause our dollar-based net retention rate to decline. A sustained and significant growth in the churn rate could have a material adverse effect on our business.

The market prices for certain of our services have decreased in the past and may decrease in the future, resulting in lower revenue than we anticipate.

Market prices for certain of our services have decreased over recent years. These decreases resulted from downward market pressure and other factors including:

- technological changes and network expansions, which have resulted in increased transmission capacity available for sale by us and by our competitors; and

- some of our competitors have been willing to accept smaller operating margins in the short term in an attempt to increase long-term revenue.

To retain customers and revenue, we must sometimes reduce prices in response to market conditions and trends. We cannot predict to what extent we may need to reduce our prices to remain competitive or whether we will be able to sustain future pricing levels as our competitors introduce competing services or similar services at lower prices. Our ability to meet price competition may depend on our ability to operate at costs equal to or lower than our competitors or potential competitors. As our prices for some of our services decrease, our operating results may suffer unless we are able to either reduce our operating expenses or increase traffic volume from which we can derive additional revenue.

The need to obtain additional IP circuits from other providers increases our costs. In addition, the need to interconnect our network to networks that are controlled by others could increase our costs.

We lease all of our IP circuits from third parties. We could incur material expenses if we were required to locate alternative IP circuits. We may not be able to obtain reasonable alternative IP circuits if needed. Failure to obtain usage of alternative IP circuits, if necessary, could have a material adverse effect on our ability to carry on business operations. In addition, some of our agreements with other providers require the payment of amounts for services whether or not those services are used. Our reliance on third-party providers may reduce our operating flexibility, ability to make timely service changes and ability to control quality of service.

In the normal course of business, we need to enter into interconnection agreements with many local telephone companies, as well as the owners of networks that our customers desire to access to deliver their services. We are not always able to secure these interconnection agreements on favorable terms. In some jurisdictions, we rely on third party access and networks for local connectivity. We are not always able to secure this access and local connectivity on favorable terms. Costs of obtaining service from other communications carriers comprise a significant proportion of the operating expenses of long distance carriers. Changes in regulation, particularly the regulation of telecommunication carriers and local access network owners, could indirectly, but significantly, affect our competitive position. These changes could increase or decrease the costs of providing our services. Further, if problems occur with our third-party providers or local telephone companies, it may cause errors or poor quality communications, and we could encounter difficulties identifying the source of the problem. The occurrence of errors or poor quality communications on our services, whether caused by our platform or a third-party provider, may result in the loss of our existing customers or the delay of adoption of our services by potential customers and may adversely affect our business, results of operations and financial condition.

Network providers also may institute additional fees due to regulatory, competitive or other industry-related changes that increase our costs. For example, in February 2020, a major U.S. cellular carrier introduced a new service offering for Application to Person (“A2P”) messages that adds a new fee for A2P messages delivered to its subscribers. Other cellular carriers may introduce similar fees. While we may be able to negotiate with network providers, absorb the increased costs, or charge these costs to our customers, we cannot assure you that we will be able to do so. In the case of new A2P fees, we currently pass, and expect to continue to pass, these fees on to our customers who send A2P messages to the carrier's subscribers. This is expected to increase our revenue and cost of goods sold, but is not expected to impact the gross profit received for sending these messages. However, these changes may still have a negative impact on our gross margins mathematically. We also may not be able to effectively respond to any new fees if all network providers in a particular market impose equivalent fee structures, if the magnitude of the fees is disproportionately large when compared to the underlying prices paid by our customers, or if the market conditions limit our ability to increase the prices we charge our customers.

We depend largely on the continued services of our senior management and other key employees, the loss of any of whom could adversely affect our business, results of operations and financial condition.

Our future performance depends on the continued services and contributions of our senior management and other key employees to execute on our business plan, to develop our platform, to deliver our services to customers,

to attract and retain customers and to identify and pursue opportunities. The loss of services of senior management or other key employees, such as those who develop and maintain our service offerings, could significantly delay or prevent the achievement of our development and strategic objectives. In particular, we depend to a considerable degree on the vision, skills, experience and effort of our Chief Executive Officer, David A. Morken. The replacement of any of our senior management personnel or other key employees can involve significant time and costs, and such loss could significantly delay or prevent the achievement of our business objectives. The loss of the services of our senior management or other key employees for any reason could adversely affect our business, results of operations and financial condition.

If we are unable to hire, retain and motivate qualified personnel, our business will suffer.

Our future success depends, in part, on our ability to continue to attract and retain highly skilled personnel, and our inability to do so could adversely affect our business, results of operations and financial condition. Competition for talent in the technology industry has become increasingly intense. In 2020 and 2021, the “great resignation” saw a dramatic increase in workers leaving their positions throughout the technology industry, and the market to recruit, retain and motivate talent has become even more competitive. Many key individual contributors, particularly in software development, sales and cloud computing and telecommunications infrastructure, are critical to our success and can attract very significant compensation packages. In addition, we believe that there is, and will continue to be, intense competition for highly skilled management, technical, sales and other personnel with experience in our industry in the Raleigh, North Carolina area, where our headquarters are located, and in other geographic locations where we maintain offices.

We have experienced and may continue to experience difficulties attracting, hiring and retaining highly-skilled personnel with appropriate qualifications, and may not be able to fill positions in desired geographic areas or at all. These difficulties may be exacerbated by the reactions of employees and prospective employees to our policies related to remote working flexibility. As a result, we have also experienced and may continue to experience increased compensation and training costs that may not be offset by either improved productivity or higher sales, which could reduce our profitability.

We seek to provide competitive compensation packages and a high-quality work environment to hire, retain and motivate employees. If we are unable to retain and motivate our existing employees and attract qualified personnel to fill key positions, we may be unable to manage our business effectively, including the development, marketing and sale of our services, which could adversely affect our business, results of operations and financial condition. To the extent we hire personnel from competitors, we also may be subject to allegations that they have been improperly solicited or hired, or that they divulged proprietary or other confidential information.

Volatility or declines in our stock price may also affect our ability to attract and retain key personnel. Employees may be more likely to terminate their employment with us if the shares they own or the shares underlying any restricted stock units have not significantly appreciated in value, or if the value of the shares underlying restricted stock units they hold has depreciated significantly. If we are unable to retain our employees, our business, results of operations and financial condition could be adversely affected.

In addition, we believe our corporate culture has been a key contributor to our success to date. However, in this period of the “great resignation,” we have experienced and may continue to face higher than usual employee turnover rates. As we continue to grow and expand globally and navigate shifting workforce priorities, including the desire of many of our employees and prospective employees for a hybrid work model with the ability to work remotely for part of the week, and the increasing demand of employees and prospective employees for fully remote work, we may find it difficult to maintain important aspects of our corporate culture, which could negatively affect our ability to retain and recruit personnel who are essential to our future success and could ultimately have a negative impact on our ability to innovate our technology and our business. Further, as of March 31, 2022, approximately 35% of our employees have been employed by us for a year or less and we must be able to effectively integrate, develop and motivate a large number of new employees, while maintaining the effectiveness of our business execution and the beneficial aspects of our corporate culture.

We could be subject to liability for historic and future sales, use and similar taxes, which could adversely affect our results of operations.

We conduct operations in many tax jurisdictions throughout the United States and internationally. In many of these jurisdictions, non-income-based taxes such as sales, use and telecommunications taxes, including those associated with (or potentially associated with) VoIP telephony services or 911 services, are or may be assessed on our operations. We also face exposure to other non-income-based international taxes such as value added taxes that are or may be assessed on our operations. The systems and procedures necessary to comply in these jurisdictions are complex to develop and challenging to implement. Additionally, we rely heavily on third parties to provide us with key software and services for compliance. If these third parties cease to provide those services to us for any reason, or fail to perform services accurately and completely, we may not be able to accurately bill, collect or remit applicable non-income-based taxes. Historically, we have not billed or collected certain of these taxes and, in accordance with GAAP, we have recorded a provision for our tax exposure in these jurisdictions when it is both probable that a liability has been incurred and the amount of the exposure can be reasonably estimated. These estimates include several key assumptions including, but not limited to, the taxability of our services, the jurisdictions in which we believe we have nexus, and the sourcing of revenue to those jurisdictions. In the event these jurisdictions challenge our assumptions and analysis, our actual exposure could differ materially from our current estimates.

Taxing authorities also may periodically perform audits to verify compliance and include all periods that remain open under applicable law, which customarily range from three to four years. At any point in time, we may undergo audits that could result in significant assessments of past taxes, fines and interest if we were found to be non-compliant. During the course of an audit, a taxing authority may, as a matter of policy, question our interpretation and/or application of their rules in a manner that, if we were not successful in substantiating our position, could potentially result in a significant financial impact to us.

Furthermore, certain jurisdictions in which we do not collect sales, use and similar taxes may assert that such taxes are applicable, which could result in tax assessments, penalties and interest, and we may be required to collect such taxes in the future. Such tax assessments, penalties and interest or future requirements may adversely affect our business, results of operations and financial condition.

We conduct our international operations through subsidiaries and report our taxable income in various jurisdictions worldwide based upon our business operations in those jurisdictions. Our intercompany relationships are subject to complex transfer pricing regulations administered by taxing authorities in various jurisdictions. Also, our tax expense could be affected depending on the applicability of withholding and other taxes under the tax laws of certain jurisdictions in which we have business operations. The relevant revenue and taxing authorities may disagree with positions we have taken generally, or our determinations as to income and expenses attributable to specific jurisdictions. If such a disagreement were to occur, and our position were not sustained, we could be required to pay additional taxes, interest and penalties, which could result in one-time tax charges, higher effective tax rates, reduced cash flows and lower overall profitability of our operations.

We may be subject to significant U.S. federal income tax-related liabilities and indemnity obligations if there is a determination that the Spin-Off is taxable for U.S. federal income tax purposes.

We may be subject to significant U.S. federal income tax-related liabilities with respect to our prior distribution of all of the issued and outstanding shares of the common stock of Relay, Inc. (f/k/a Republic Wireless, Inc.) (“Relay”), our former subsidiary, to our stockholders as of and on November 30, 2016 (the “Spin-Off”), if there is a determination that the Spin-Off is taxable for U.S. federal income tax purposes. In that regard, even if the Spin-Off otherwise qualified as a tax-free transaction to us and our stockholders under Section 355, Section 368(a)(1)(D) and related provisions of the U.S. Internal Revenue Code of 1986, as amended (the “Code”) at the time of the Spin-Off, we would be subject to corporate-level taxable gain under Section 355(e) of the Code (“Section 355(e)”) if there was a 50% or greater change in ownership, by vote or value, of shares of our stock or Relay’s stock that occurred after the Spin-Off as part of a plan or series of related transactions that included the

Spin-Off. For purposes of Section 355(e), any acquisitions or issuances of our stock, including pursuant to our initial public offering and pursuant to the reorganizations undertaken and arrangements entered into in connection with our initial public offering, or Relay's stock, in each case, that occurred within two years after the Spin-Off are generally presumed to be part of a plan or series of related transactions with respect to the Spin-Off.

In connection with the Spin-Off, we received an opinion from Skadden, Arps, Slate, Meagher & Flom LLP substantially to the effect that, among other things, the Spin-Off should qualify as a tax-free transaction for U.S. federal income tax purposes under Section 355 and Section 368(a)(1)(D) of the Code. In addition, in light of the implications that would arise for us if Section 355(e) applied to the Spin-Off, we received an opinion from Kilpatrick Townsend & Stockton LLP in connection with our initial public offering substantially to the effect that (i) as of the date of the initial public offering, we would not be required to recognize gain with respect to the Spin-Off pursuant to Section 355(e), and (ii) any increases in voting power attributable to conversions of our Class B common stock to Class A common stock by those who held our Class B common stock as of the date of the initial public offering would not cause us to recognize gain with respect to the Spin-Off pursuant to Section 355(e) (together with the opinion from Skadden, Arps, Slate, Meagher & Flom LLP with respect to the Spin-Off, the "Tax Opinions"). Neither of the Tax Opinions is binding on the Internal Revenue Service (the "IRS") or the courts, however, and the IRS or the courts may not agree with the conclusions reached in the Tax Opinions. Moreover, the Tax Opinions were based upon, among other things, the laws in effect at the time of each of the Tax Opinions and certain assumptions and representations as to factual matters made by us. Any change in applicable law, which may be retroactive, or the failure of any such assumptions or representations to be true, could adversely affect the validity of the conclusions reached in the Tax Opinions.

If the conclusions of the Tax Opinions are not correct, or if the Spin-Off is otherwise ultimately determined to be a taxable transaction, we would be liable for significant U.S. federal income tax related liabilities. In addition, pursuant to the Tax Sharing Agreement, dated November 30, 2016, between us and Relay (the "Tax Sharing Agreement"), we must generally indemnify Relay for any taxes or losses incurred by it (or its respective subsidiaries) resulting from the Spin-Off failing to qualify as a tax-free transaction for U.S. federal income tax purposes (including due to the application of Section 355(e)) as a result of subsequent actions we take or fail to take. The amount of any indemnity obligations we may have under the Tax Sharing Agreement in such case may be material.

Even if Section 355(e) does not apply to the Spin-Off as of the date of our initial public offering or as a result of an increase in voting power attributable to conversions of our Class B common stock by those who held such stock as of our initial public offering, subsequent acquisitions or issuances of our stock could be treated as part of a plan or series of related transactions with respect to the Spin-Off. Accordingly, in light of the requirements of Section 355(e), we might forego share repurchases, stock issuances and other strategic transactions. Notwithstanding the foregoing, it is possible that we, Relay or the holders of our respective stock might inadvertently cause, permit or otherwise not prevent a change in the ownership of our stock or Relay's stock to occur, which would cause Section 355(e) to apply to the Spin-Off, thereby triggering significant U.S. federal income tax-related liabilities and indemnity obligations under the Tax Sharing Agreement of approximately \$50 million. This approximation is based on our current expectations and the tax laws in effect as of our initial public offering. However, we cannot provide any assurance that this estimate will prove to be accurate in the event that Section 355(e) were to apply.

If our estimates or judgments relating to our critical accounting policies prove to be incorrect, our results of operations could be adversely affected.

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. We base our estimates on historical experience and on various other assumptions that we believe to be reasonable under the circumstances, as provided in "Management's Discussion and Analysis of Financial Condition and Results of Operations." The results of these estimates form the basis for making judgments about the carrying values of assets, liabilities and equity, and the amount of revenue and expenses that are not readily apparent from

other sources. Significant assumptions and estimates used in preparing our consolidated financial statements include those related to revenue recognition, capitalized internal-use software costs, other non-income taxes, business combination and valuation of goodwill and purchased intangible assets and share-based compensation. Our results of operations may be adversely affected if our assumptions change or if actual circumstances differ from those in our assumptions, which could cause our results of operations to fall below the expectations of securities analysts and investors, resulting in a decline in the trading price of our Class A common stock.

If we fail to maintain an effective system of disclosure controls and internal control over financial reporting, our ability to produce timely and accurate financial statements or comply with applicable regulations could be impaired.

We are subject to the reporting requirements of the Exchange Act, the Sarbanes-Oxley Act of 2002 (the “Sarbanes-Oxley Act”), and the rules and regulations of the applicable listing standards of the NASDAQ Global Select Market. We expect that the requirements of these rules and regulations will continue to increase our legal, accounting and financial compliance costs, make some activities more difficult, time-consuming and costly and place significant strain on our personnel, systems and resources.

The Sarbanes-Oxley Act requires, among other things, that we maintain effective disclosure controls and procedures and internal control over financial reporting. Our disclosure controls and other procedures are designed to ensure that information required to be disclosed by us in the reports that we will file with the SEC is recorded, processed, summarized and reported within the time periods specified in SEC rules and forms and that information required to be disclosed in reports under the Exchange Act is accumulated and communicated to our principal executive and financial officers, and we continue to evaluate how to improve controls. We are also continuing to improve our internal control over financial reporting. In order to develop, maintain and improve the effectiveness of our disclosure controls and procedures and internal control over financial reporting, we have expended, and anticipate that we will continue to expend, significant resources, including accounting-related costs and significant management oversight.

Our current controls and any new controls that we develop may become inadequate because of changes in conditions in our business. Further, weaknesses in our disclosure controls and internal control over financial reporting may be discovered in the future. Any failure to develop or maintain effective controls or any difficulties encountered in their implementation or improvement could harm our results of operations or cause us to fail to meet our reporting obligations and may result in a restatement of our consolidated financial statements for prior periods. Any failure to implement and maintain effective internal control over financial reporting could also adversely affect the results of periodic management evaluations and annual independent registered public accounting firm attestation reports regarding the effectiveness of our internal control over financial reporting. Ineffective disclosure controls and procedures and internal control over financial reporting could also cause investors to lose confidence in our reported financial and other information, which would likely have a negative effect on the trading price of our Class A common stock. In addition, if we are unable to continue to meet these requirements, we may not be able to remain listed on the NASDAQ Global Select Market.

Our independent registered public accounting firm is required to attest to the effectiveness of our internal control over financial reporting. Our independent registered public accounting firm may issue a report that is adverse in the event it is not satisfied with the level at which our internal control over financial reporting is documented, designed or operating. Any failure to maintain effective disclosure controls and internal control over financial reporting could have a material and adverse effect on our business, results of operations and financial condition and could cause a decline in the trading price of our Class A common stock.

If our goodwill or intangible assets become impaired, we may be required to record a significant charge to earnings.

We review our intangible assets for impairment when events or changes in circumstances indicate the carrying value may not be recoverable. Goodwill is required to be tested for impairment at least annually. An

adverse change in market conditions, particularly if such change has the effect of changing one of our critical assumptions or estimates, could result in a change to the estimation of fair value that could result in an impairment charge to our goodwill or intangible assets. Any such charges may adversely affect our results of operations.

We face exposure to foreign currency exchange rate fluctuations, and such fluctuations could adversely affect our business, results of operations and financial condition.

We face exposure to the effects of fluctuations in currency exchange rates. While historically we have primarily transacted in U.S. dollars, we generally have transacted with customers and partners in Europe in British Pounds and Euros. We expect to expand the number of transactions with customers and partners that are denominated in foreign currencies in the future as we continue to expand our business internationally. We also incur expenses for some of our network service provider costs outside of the United States in local currencies and for employee compensation and other operating expenses in local currency. Fluctuations in the exchange rates between the U.S. dollar and other currencies could result in an increase to the U.S. dollar equivalent of such expenses.

In addition, our international subsidiaries maintain net assets denominated in currencies other than the functional operating currencies of these entities. As we expand our international operations, we will become more exposed to the effects of fluctuations in currency exchange rates. Accordingly, changes in the value of foreign currencies relative to the U.S. dollar may affect our results of operations due to transactional and translational re-measurements. Such foreign currency exchange rate fluctuations could make it more difficult to detect underlying trends in our business and results of operations. The trading price of our Class A common stock also could be adversely affected if fluctuations in currency exchange rates cause our results of operations to differ from our expectations or the expectations of our investors and securities analysts who follow our stock.

We do not currently maintain a program to hedge transactional exposures in foreign currencies. However, in the future, we may use derivative instruments, such as foreign currency forward and option contracts, to hedge certain exposures to fluctuations in foreign currency exchange rates. The use of such hedging activities may not offset any or more than a portion of the adverse financial effects of unfavorable movements in foreign exchange rates over the limited time the hedges are in place. Moreover, the use of hedging instruments may introduce additional risks if we are unable to structure effective hedges with such instruments.

Our business, operating results and cash flows may be adversely affected by a rising rate of inflation.

Due to supply chain constraints and labor shortages, including as a result of the ongoing COVID-19 pandemic, there have been recent significant inflationary trends in the cost of components, labor and freight costs, and other expenses. These inflationary pressures could affect wages, the cost and our ability to obtain components, the price of our products and services, our ability to meet customer demand, and our gross margins and operating profit. Inflation may further exacerbate other risks discussed in this “Risk Factors” section, such as risks related to our sales and marketing efforts and our ability to attract, motivate and retain sales, engineering and other key personnel. If we are unable to successfully manage the effects of inflation, our business, operating results, cash flows and financial condition may be adversely affected.

Earthquakes, hurricanes, fires, floods, pandemics, power outages, terrorist attacks, acts of war, civilian unrest and other significant events could disrupt our business and ability to serve our clients.

A significant event, such as an earthquake, hurricane, a fire, a flood, a pandemic, a power outage, terrorist attack, act of war or civilian unrest could have a material adverse effect on our business, results of operations or financial condition. For example, the rapid and global spread of COVID-19 has disrupted businesses and increased travel restrictions. Health concerns or governmental, legal, political or regulatory developments in the United States or other countries in which we or our customers, partners and service providers operate could cause economic, labor or social instability and could materially adversely affect our business and our results of operations and financial condition. Future developments, which are very uncertain, include evolving responses by governments and businesses. These future developments could materially adversely affect our business and our results of operations and financial condition. Our IP network is designed to be redundant and to offer seamless backup support in an

emergency. While our network is designed to withstand the loss of any one data center at any point in time, the simultaneous failure of multiple data centers could disrupt our ability to serve our clients. Additionally, certain of our capabilities cannot be made redundant feasibly or cost-effectively. Acts of physical or cyber terrorism or other geopolitical unrest, including acts of war, also could cause disruptions in our business. The adverse impacts of these risks may increase if our disaster recovery plans prove to be inadequate.

We may acquire or invest in companies, which may divert our management's attention and result in debt or dilution to our stockholders. We may not be able to efficiently and effectively integrate acquired operations, and thus may not fully realize the anticipated benefits from such acquisitions.

We may evaluate and consider potential strategic transactions, including acquisitions of, or investments in, businesses, technologies, services, products and other assets in the future. We may also enter into relationships with other businesses to expand our products and platform, which could involve preferred or exclusive licenses, additional channels of distribution, discount pricing or investments in other companies.

Achieving the anticipated benefits of any acquisitions depends in part upon whether we can integrate new businesses in an efficient and effective manner. The integration of any acquired businesses involves a number of risks, including, but not limited to:

- demands on management related to any significant increase in size after the acquisition;
- the disruption of ongoing business and the diversion of management's attention from the management of daily operations to management of integration activities;
- failure to fully achieve expected synergies and costs savings;
- unanticipated impediments in the integration of departments, systems, including accounting systems, technologies, books and records and procedures, as well as in maintaining uniform standards, controls, including internal control over financial reporting required by the Sarbanes-Oxley Act, procedures and policies;
- difficulty establishing and maintaining appropriate governance, reporting relationships, policies, controls, and procedures for the acquired business, particularly if it is based in a country or region where we did not previously operate;
- new or more stringent regulatory compliance obligations and costs by virtue of the acquisition, including risks related to international acquisitions that may operate in new jurisdictions or geographic areas where we may have no or limited experience;
- loss of customers or the failure of customers to order incremental services that we expect them to order;
- difficulty and delays in integrating the products, technology platforms, operations, systems, and personnel of the acquired business with our own, particularly if the acquired business is outside of our core competencies and current geographic markets;
- failure to provision services that are ordered by customers during the integration period;
- higher integration costs than anticipated;
- difficulties in the assimilation and retention of highly qualified, experienced employees, many of whom may be geographically dispersed;
- litigation, investigations, proceedings, fines, or penalties arising from or relating to the transaction or the acquired business, and any resulting liabilities may exceed our forecasts;

- acquisition of businesses with different revenue models, different contractual relationships, and increased customer concentration risks;
- assumption of long-term contractual obligations, commitments, or liabilities (for example, the costs associated with leased facilities), which could adversely impact our efforts to achieve and maintain profitability and impair our cash flow;
- failure to successfully evaluate or utilize the acquired business' technology and accurately forecast the financial impact of an acquisition, including accounting charges; and
- drag on our overall revenue growth rate or an increase of our net loss, which could cause analysts and investors to reduce their valuation of our company.

Successful integration of any acquired businesses or operations will depend on our ability to manage these operations, realize opportunities for revenue growth presented by strengthened service offerings and expanded geographic market coverage, obtain better terms from our vendors due to increased buying power, and eliminate redundant and excess costs to fully realize the expected synergies. Because of difficulties in combining geographically distant operations and systems which may not be fully compatible, we may not be able to achieve the financial strength and growth we anticipate from the acquisitions.

We may not realize our anticipated benefits from our acquisitions, if any, or may be unable to efficiently and effectively integrate acquired operations as planned. If we fail to integrate acquired businesses and operations efficiently and effectively or fail to realize the benefits we anticipate, we would be likely to experience material adverse effects on our business, financial condition, results of operations and future prospects.

Any acquisitions may also require us to issue debt or equity securities, use our cash resources, incur debt or contingent liabilities, amortize intangibles, or write-off acquisition-related expenses. In addition, we cannot predict market reactions to any acquisitions we may make or to any failure to announce any future acquisitions.

While we would conduct due diligence in connection with any acquisition opportunities, there may be risks or liabilities that such due diligence efforts fail to discover, that are not disclosed to us or that we inadequately assess. The failure to timely identify any material liabilities associated with any acquisitions could adversely affect our business, results of operations, and financial condition.

Risks Related to the Acquisition of Voxbone

Although we expect that the acquisition of Voxbone will result in synergies and other benefits to us, we may not realize those benefits because of difficulties related to integration, the achievement of synergies and other challenges.

On November 2, 2020, we acquired Voxbone. Prior to the completion of this acquisition, we and Voxbone operated independently, and there can be no assurances that our businesses can be combined in a manner that allows for the achievement of substantial benefits. The integration process is ongoing and continues to require significant time and resources, and we may not be able to manage the process successfully, as our ability to acquire and integrate larger or more complex companies, products, or technology in a successful manner is unproven. If we are not able to successfully integrate Voxbone's business with ours, fail to achieve the synergies we anticipated would result from the acquisition, such as cross-selling to our legacy customers in international markets in which we now operate, or fail to pursue a unified customer and product strategy successfully, the anticipated benefits of the acquisition may not be realized fully or may take longer than expected to be realized.

We have incurred, and may continue to incur, significant, non-recurring costs in connection with the acquisition and integrating our operations with those of Voxbone, including costs to consolidate business support systems and service offerings. Management cannot ensure that the elimination of duplicative costs or the realization of other efficiencies will offset the transaction and integration costs in the near term or at all.

Risks Related to the Convertible Notes

Servicing our debt requires a significant amount of cash, and we may not have sufficient cash flow from our business to pay our indebtedness.

Our ability to make scheduled payments of the principal of, to pay interest on or to refinance the Convertible Notes depends on our future performance, which is subject to economic, financial, competitive and other factors beyond our control. Our business may not generate cash flow from operations in the future sufficient to service our debt and make necessary capital expenditures. If we are unable to generate such cash flow, we may be required to adopt one or more alternatives, such as selling assets, restructuring debt or obtaining additional debt financing or equity capital on terms that may be onerous or highly dilutive. Our ability to refinance our indebtedness will depend on the capital markets and our financial condition at such time. We may not be able to engage in any of these activities or engage in these activities on desirable terms, which could result in a default on our debt obligations. In addition, any of our future debt agreements may contain restrictive covenants that may prohibit us from adopting any of these alternatives. Our failure to comply with these covenants could result in an event of default which, if not cured or waived, could result in the acceleration of our indebtedness.

We may incur substantially more debt or take other actions which would intensify the risks discussed above.

We and our subsidiaries may be able to incur substantial additional debt in the future, some of which may be secured debt. We will not be restricted under the terms of the indentures governing the Convertible Notes from incurring additional debt, securing existing or future debt, recapitalizing our debt or taking a number of other actions that are not limited by the terms of the indenture governing the Convertible Notes that could have the effect of diminishing our ability to make payments on the Convertible Notes when due.

We may not have the ability to raise the funds necessary for cash settlement upon conversion of the Convertible Notes or to repurchase the Convertible Notes for cash following a fundamental change, and our future debt may contain limitations on our ability to pay cash upon conversion of the Convertible Notes or to repurchase the Convertible Notes.

Subject to limited exceptions, holders of the Convertible Notes have the right to require us to repurchase their Convertible Notes upon the occurrence of a fundamental change at a cash repurchase price generally equal to 100% of the principal amount of the Convertible Notes to be repurchased, plus accrued and unpaid interest, if any, to, but excluding, the fundamental change repurchase date. In addition, upon conversion of the Convertible Notes, unless we elect to deliver solely shares of our Class A common stock to settle such conversion (other than paying cash in lieu of delivering any fractional share), we will be required to make cash payments in respect of the Convertible Notes being converted. However, we may not have enough available cash or be able to obtain financing at the time we are required to make repurchases of Convertible Notes surrendered therefor or pay the cash amounts due upon conversion. In addition, our ability to repurchase the Convertible Notes or to pay cash upon conversions of the Convertible Notes may be limited by applicable law, by regulatory authorities or by agreements governing our future indebtedness. Our failure to repurchase the Convertible Notes at a time when such repurchase is required by the indentures governing the Convertible Notes or to pay the cash amounts due upon future conversions of the Convertible Notes as required by such indentures would constitute a default under such indentures. A default under the indentures governing the Convertible Notes or the fundamental change itself may also lead to a default under agreements governing our existing or future indebtedness, which may result in such existing or future indebtedness becoming immediately payable in full. We may not have sufficient funds to satisfy all amounts due under such existing or future indebtedness and repurchase the Convertible Notes or make cash payments upon conversions thereof.

The accounting method for convertible debt securities that may be settled in cash, such as the Convertible Notes, could have a material effect on our reported financial results.

In May 2008, the Financial Accounting Standards Board (“FASB”), issued FASB Staff Position No. APB 14-1, Accounting for Convertible Debt Instruments That May Be Settled in Cash Upon Conversion (Including

Partial Cash Settlement), which has subsequently been codified as Accounting Standards Codification (“ASC”) 470-20, Debt with Conversion and Other Options. Under ASC 470-20, an entity must separately account for the liability and equity components of the convertible debt instruments (such as the Convertible Notes) that may be settled entirely or partially in cash upon conversion in a manner that reflects the issuer’s economic interest cost. The effect of ASC 470-20 on the accounting for the Convertible Notes is that the equity component is required to be included in the additional paid-in capital section of stockholders’ equity on our consolidated balance sheet, and the value attributed to the equity component would be treated as original issue discount for purposes of accounting for the debt component of the Convertible Notes. As a result, we will be required to record a greater amount of non-cash interest expense in current periods presented as a result of the amortization of the discounted carrying value of the Convertible Notes to their face amount over the term of the Convertible Notes. We will report lower net income in our financial results because ASC 470-20 will require interest to include both the current period’s amortization of the debt discount and the instrument’s coupon interest, which could adversely affect our reported or future financial results, the trading price of our Class A common stock and the trading price of the Convertible Notes.

In addition, under certain circumstances, convertible debt instruments (such as the Convertible Notes) that may be settled entirely or partly in cash are currently accounted for utilizing the treasury stock method, the effect of which is that the shares of Class A common stock issuable upon conversion of the Convertible Notes are not included in the calculation of diluted earnings per share except to the extent that the conversion value of the Convertible Notes exceeds their principal amount. Under the treasury stock method, for diluted earnings per share purposes, the transaction is accounted for as if the number of shares of Class A common stock that would be necessary to settle such excess, if we elected to settle such excess in shares, are issued.

However, in August 2020, the FASB published an accounting standards update 2020-06 (“ASU 2020-06”), which amends these accounting standards by reducing the number of accounting models for convertible instruments and limiting instances of separate accounting for the debt and equity or a derivative component of the convertible debt instruments. ASU 2020-06 also will no longer allow the use of the treasury stock method for convertible instruments for purposes of calculating diluted earnings per share and instead require application of the “if-converted” method. Under that method, diluted earnings per share will generally be calculated assuming that all the Convertible Notes were converted solely into shares of Class A common stock at the beginning of the reporting period, unless the result would be anti-dilutive, which could adversely affect our diluted earnings per share. However, if the principal amount of the convertible debt instrument being converted is required to be paid in cash and only the excess is permitted to be settled in shares, the if-converted method will produce a similar result as the treasury stock method prior to the adoption of ASU 2020-06 for such convertible debt instrument. These amendments will be effective for public companies for fiscal years beginning after December 15, 2021, with early adoption permitted, but no earlier than fiscal years beginning after December 15, 2020.

The conditional conversion feature of the Convertible Notes, if triggered, may adversely affect our financial condition and operating results.

In the event the conditional conversion feature of the Convertible Notes is triggered, holders of Convertible Notes will be entitled to convert the Convertible Notes at any time during specified periods at their option. See “Description of Notes—Conversion Rights.” If one or more holders elect to convert their Convertible Notes, unless we elect to satisfy our conversion obligation by delivering solely shares of our Class A common stock (other than paying cash in lieu of delivering any fractional share), we would be required to settle a portion or all of our conversion obligation through the payment of cash, which could adversely affect our liquidity. In addition, even if holders do not elect to convert their Convertible Notes, we could be required under applicable accounting rules to reclassify all or a portion of the outstanding principal of the Convertible Notes as a current rather than long-term liability, which would result in a material reduction of our net working capital.

The Capped Calls may affect the value of the Convertible Notes and our Class A common stock.

In connection with the pricing of the 2026 Convertible Notes and the 2028 Convertible Notes, we entered into privately negotiated Capped Calls with certain financial institutions (the “option counterparties”). The Capped

Calls are expected generally to reduce the potential dilution upon any conversion of the Convertible Notes and/or offset any cash payments we are required to make in excess of the principal amount of converted Convertible Notes, as the case may be, with such reduction and/or offset subject to a cap.

We have been advised that, in connection with establishing their initial hedges of the Capped Calls, the option counterparties or their respective affiliates entered into various derivative transactions with respect to our Class A common stock concurrently with or shortly after the pricing of the Convertible Notes.

In addition, the option counterparties or their respective affiliates may modify their hedge positions by entering into or unwinding various derivatives with respect to our Class A common stock and/or purchasing or selling our Class A common stock or other securities of ours in secondary market transactions from time to time prior to the maturity of the Convertible Notes (and are likely to do so during any observation period related to a conversion of Convertible Notes). This activity could also cause or avoid an increase or a decrease in the market price of our Class A common stock or the Convertible Notes, which could affect your ability to convert the Convertible Notes and, to the extent the activity occurs during any observation period related to a conversion of Convertible Notes, it could affect the number of shares and value of the consideration that you will receive upon conversion of such Convertible Notes.

We do not make any representation or prediction as to the direction or magnitude of any potential effect that the transactions described above may have on the price of the Convertible Notes or our Class A common stock. In addition, we do not make any representation that the option counterparties will engage in these transactions or that these transactions, once commenced, will not be discontinued without notice.

We are subject to counterparty risk with respect to the Capped Calls.

The option counterparties are financial institutions, and we will be subject to the risk that any or all of them might default under the Capped Calls. Our exposure to the credit risk of the option counterparties will not be secured by any collateral. Past global economic conditions have resulted in the actual or perceived failure or financial difficulties of many financial institutions. If an option counterparty becomes subject to insolvency proceedings, we will become an unsecured creditor in those proceedings with a claim equal to our exposure at that time under the capped call transactions with such option counterparty. Our exposure will depend on many factors but, generally, an increase in our exposure will be correlated to an increase in the market price and in the volatility of our Class A common stock. In addition, upon a default by an option counterparty, we may suffer more dilution than we currently anticipate with respect to our Class A common stock. We can provide no assurances as to the financial stability or viability of the option counterparties.

Risks Related to Ownership of Our Class A Common Stock

The trading price of our Class A common stock may be volatile, and you could lose all or part of your investment.

Prior to our initial public offering, there was no public market for shares of our Class A common stock. On November 10, 2017, we sold shares of our Class A common stock to the public at \$20.00 per share. From November 10, 2017, the date that our Class A common stock began trading on the NASDAQ Global Select Market, through March 31, 2022, the trading price of our Class A common stock has ranged from \$18.05 per share to \$198.61 per share. The trading price of our Class A common stock may continue to be volatile and could fluctuate significantly in response to numerous factors, many of which are beyond our control, including:

- general market volatility caused by COVID-19, acts of war, or other significant domestic or international events;
- price and volume fluctuations in the overall stock market from time to time;
- volatility in the trading prices and trading volumes of technology stocks;
- volatility in the trading volumes of our Class A common stock;

- changes in operating performance and stock market valuations of other technology companies generally, or those in our industry in particular;
- sales of shares of our Class A common stock by us or our stockholders;
- failure of securities analysts to maintain coverage of us, changes in financial estimates by securities analysts who follow our company, or our failure to meet these estimates or the expectations of investors;
- the financial projections we may provide to the public, any changes in those projections or our failure to meet those projections;
- announcements by us or our competitors of new products or services;
- the public's reaction to our press releases, other public announcements and filings with the SEC;
- rumors and market speculation involving us or other companies in our industry;
- actual or anticipated changes in our results of operations or fluctuations in our results of operations;
- actual or anticipated developments in our business, our competitors' businesses or the competitive landscape generally;
- litigation involving us, our industry or both;
- regulatory actions or developments affecting our operations, those of our competitors or our industry more broadly;
- developments or disputes concerning our intellectual property or other proprietary rights;
- announced or completed acquisitions of businesses, products, services or technologies by us or our competitors;
- new laws or regulations or new interpretations of existing laws or regulations applicable to our business;
- changes in accounting standards, policies, guidelines, interpretations or principles;
- new rules adopted by certain index providers, such as S&P Dow Jones, that limit or preclude inclusion of companies with multi-class capital structures in certain of their indices;
- any significant change in our management; and
- general economic conditions and slow or negative growth of our markets.

In addition, in the past, securities class action litigation has often been instituted following periods of volatility in the overall market and the market price of a particular company's securities. This litigation, if instituted against us, could result in substantial costs and a diversion of our management's attention and resources.

Substantial future sales of shares of our Class A common stock could cause the market price of our Class A common stock to decline.

The market price of our Class A common stock could decline as a result of substantial sales of our Class A common stock, particularly sales by our directors, executive officers and significant stockholders, or the perception in the market that holders of a large number of shares intend to sell their shares.

Additionally, the shares of Class A common stock subject to outstanding options and restricted stock unit awards under our equity incentive plans and the shares reserved for future issuance under our equity incentive plans will become eligible for sale in the public market upon issuance. Certain holders of our Class A common stock have

rights, subject to some conditions, to require us to file registration statements covering their shares or to include their shares in registration statements that we may file for our stockholders or ourselves.

The dual class structure of our common stock has the effect of concentrating voting control with those stockholders who held our capital stock prior to the completion of our initial public offering. This may limit or preclude stockholders' ability to influence corporate matters, including the election of directors, amendments to our organizational documents and any merger, consolidation, sale of all or substantially all of our assets, or other major corporate transaction requiring stockholder approval.

Our Class A common stock has one vote per share, and our Class B common stock has ten votes per share. Because of the ten-to-one voting ratio between our Class B and Class A common stock, the holders of our Class B common stock collectively will continue to control a majority of the combined voting power of our common stock and therefore be able to control all matters submitted to our stockholders for approval. This concentrated control limits or precludes stockholders' ability to influence corporate matters for the foreseeable future, including the election of directors, amendments to our organizational documents, and any merger, consolidation, sale of all or substantially all of our assets, or other major corporate transaction requiring stockholder approval. In addition, this may prevent or discourage unsolicited acquisition proposals or offers for our capital stock that stockholders may feel are in their best interest as one of our stockholders.

Future transfers by holders of Class B common stock will generally result in those shares converting to Class A common stock, subject to limited exceptions, such as certain transfers effected for estate planning purposes. The conversion of Class B common stock to Class A common stock will have the effect, over time, of increasing the relative voting power of those holders of Class B common stock who retain their shares in the long term.

We cannot predict the impact our capital structure may have on our stock price.

In July 2017, S&P Dow Jones, a provider of widely followed stock indices, announced that companies with multiple share classes, such as ours, will not be eligible for inclusion in certain of their indices. As a result, our Class A common stock will likely not be eligible for these stock indices. Many investment funds are precluded from investing in companies that are not included in such indices, and these funds would be unable to purchase our Class A common stock if we were not included in such indices. We cannot assure you that other stock indices will not take a similar approach to S&P Dow Jones in the future. Exclusion from indices could make our Class A common stock less attractive to investors and, as a result, the market price of our Class A common stock could be adversely affected.

In addition, several stockholder advisory firms have announced their opposition to the use of multiple class structures. As a result, the dual class structure of our common stock may cause stockholder advisory firms to publish negative commentary about our corporate governance practices or otherwise seek to cause us to change our capital structure. Any actions or publications by stockholder advisory firms critical of our corporate governance practices or capital structure could also adversely affect the value of our Class A common stock.

We may become effectively controlled by David A. Morken, our Co-Founder and Chief Executive Officer, whose interests may differ from other stockholders.

If all or substantially all of the holders of our Class B common stock except for Mr. Morken and his affiliates convert their shares into Class A common stock voluntarily or otherwise, Mr. Morken may control more than 25% of the combined voting power of our outstanding capital stock. As a result, Mr. Morken may have the ability to effectively control the appointment of our management, the entering into of mergers, sales of substantially all or all of our assets and other extraordinary transactions and influence amendments to our certificate of incorporation and bylaws. In any of these matters, the interests of Mr. Morken may differ from or conflict with your interests. Moreover, this concentration of ownership may also adversely affect the trading price for our Class A common stock to the extent investors perceive disadvantages in owning stock of a company with a controlling stockholder.

If securities or industry analysts cease publishing research or reports about us, our business or our market, or if they change their recommendations regarding our Class A common stock adversely, the trading price of our Class A common stock and trading volume could decline.

The trading market for our Class A common stock is influenced by the research and reports that securities or industry analysts may publish about us, our business, our market or our competitors. If any of the analysts who may cover us change their recommendation regarding our Class A common stock in an adverse manner, or provide more favorable recommendations about our competitors relative to us, the trading price of our Class A common stock would likely decline. If any analyst who covers us were to cease coverage of our company or fail to regularly publish reports on us, we could lose visibility in the financial markets, which in turn could cause the trading price of our Class A common stock or trading volume to decline.

Anti-takeover provisions contained in our second amended and restated certificate of incorporation and second amended and restated bylaws, as well as provisions of Delaware law, could impair a takeover attempt.

Our second amended and restated certificate of incorporation, second amended and restated bylaws and Delaware law contain provisions which could have the effect of rendering more difficult, delaying, or preventing an acquisition deemed undesirable by our board of directors. Among other things, our second amended and restated certificate of incorporation and second amended and restated bylaws include provisions:

- authorizing “blank check” preferred stock, which could be issued by our board of directors without stockholder approval and may contain voting, liquidation, dividend and other rights superior to our Class A and Class B common stock;
- limiting the liability of, and providing indemnification to, our directors and officers;
- limiting the ability of our stockholders to call and bring business before special meetings;
- providing for a dual class common stock structure in which holders of our Class B common stock have the ability to control the outcome of matters requiring stockholder approval, even if they own significantly less than a majority of the outstanding shares of our Class A and Class B common stock, including the election of directors and significant corporate transactions, such as a merger or other sale of our company or its assets;
- providing that our board of directors is classified into three classes of directors with staggered three-year terms;
- prohibiting stockholder action by written consent, which requires all stockholder actions to be taken at a meeting of our stockholders;
- requiring super-majority voting to amend some provisions in our second amended and restated certificate of incorporation and second amended and restated bylaws;
- requiring advance notice of stockholder proposals for business to be conducted at meetings of our stockholders and for nominations of candidates for election to our board of directors; and
- controlling the procedures for the conduct and scheduling of board of directors and stockholder meetings.

These provisions, alone or together, could delay or prevent hostile takeovers and changes in control or changes in our management.

As a Delaware corporation, we are also subject to provisions of Delaware law, including Section 203 of the Delaware General Corporation Law, which prevents certain stockholders holding more than 15% of our outstanding common stock from engaging in certain business combinations without approval of the holders of at least two-thirds of our outstanding common stock not held by such 15% or greater stockholder.

Any provision of our second amended and restated certificate of incorporation, second amended and restated bylaws or Delaware law that has the effect of delaying, preventing or deterring a change in control could limit the opportunity for our stockholders to receive a premium for their shares of our Class A common stock and could also affect the price that some investors are willing to pay for our Class A common stock.

Our second amended and restated certificate of incorporation and our second amended and restated bylaws include super-majority voting provisions that will limit your ability to influence corporate matters.

Our second amended and restated certificate of incorporation and our second amended and restated bylaws include provisions that require the affirmative vote of two-thirds of all of the outstanding shares of our capital stock entitled to vote to effect certain changes. These changes include amending or repealing our second amended and restated bylaws or second amended and restated certificate of incorporation or removing a director from office for cause. If all or substantially all of the holders of our Class B common stock convert their shares into Class A common stock voluntarily or otherwise, Mr. Morken may control the majority of the voting power of our outstanding capital stock, and therefore he may have the ability to prevent any such changes, which will limit a stockholder's ability to influence corporate matters.

Our second amended and restated bylaws provide, subject to certain exceptions, that the Court of Chancery of the State of Delaware will be the sole and exclusive forum for certain stockholder litigation matters, which could limit our stockholders' ability to obtain a favorable judicial forum for disputes with us or our directors, officers, employees or stockholders.

Our second amended and restated bylaws provide, subject to limited exceptions, that the Court of Chancery of the State of Delaware will, to the fullest extent permitted by law, be the sole and exclusive forum for (i) any derivative action or proceeding brought on our behalf; (ii) any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers or stockholder to us or our stockholders; (iii) any action asserting a claim against us that is governed by the internal affairs doctrine; or (iv) any action arising pursuant to any provision of the Delaware General Corporation Law, our second amended and restated certificate of incorporation or our second amended and restated bylaws. This exclusive forum provision does not apply to suits brought to enforce a duty or liability created by the Exchange Act, which provides for exclusive jurisdiction of the federal courts. It could apply, however, to a suit that asserts claims under the Securities Act and falls within one or more of the categories enumerated in our choice of forum provision, inasmuch as Section 22 of the Securities Act creates concurrent jurisdiction for federal and state courts over all suits brought to enforce any duty or liability created by the Securities Act or the rules and regulations thereunder. There is uncertainty as to whether a court would enforce such provision with respect to claims under the Securities Act, and our stockholders will not be deemed to have waived our compliance with the federal securities laws and the rules and regulations thereunder.

Our choice of forum provision may limit a stockholder's ability to bring a claim in a judicial forum that it finds favorable for disputes with us or any of our directors, officers, other employees or stockholders, which may discourage lawsuits with respect to such claims. While Delaware courts have determined that choice of forum provisions are facially valid, a stockholder may nevertheless seek to bring a claim in a venue other than that designated in our exclusive forum provision. In such instance, we would expect to vigorously assert the validity and enforceability of the exclusive forum provision of our second amended and restated bylaws. Alternatively, if a court were to find the choice of forum provision contained in our second amended and restated bylaws to be inapplicable or unenforceable in an action, we may incur additional costs associated with resolving such action in other jurisdictions, which could materially and adversely affect our business, financial condition and results of operations.

We may need additional capital in the future and such capital may be limited or unavailable. Failure to raise capital when needed could prevent us from growing in accordance with our plans.

We may require more capital in the future from equity or debt financings to fund our operations, finance investments in equipment and infrastructure, acquire complementary businesses and technologies, and respond to

competitive pressures and potential strategic opportunities. If we are required to raise additional funds through further issuances of equity or other securities convertible into equity, our existing stockholders could suffer significant dilution, and any new shares we issue could have rights, preferences or privileges senior to those of the holders of our Class A common stock. The additional capital we may seek may not be available on favorable terms or at all. If we are unable to obtain capital on favorable terms or at all, we may have to reduce our operations or forego opportunities, and this may have a material adverse effect on our business, financial condition and results of operations.

We do not intend to pay dividends for the foreseeable future.

We have never declared or paid any cash dividends on our Class A common stock and do not intend to pay any cash dividends in the foreseeable future. We anticipate that we will retain all of our future earnings for use in the development of our business and for general corporate purposes. Any determination to pay dividends in the future will be at the discretion of our board of directors. Accordingly, investors must rely on sales of their Class A common stock after price appreciation, which may never occur, as the only way to realize any future gains on their investments.

If a large number of shares of our Class A common stock is sold in the public market, the sales could reduce the trading price of our Class A common stock and impede our ability to raise future capital.

We cannot predict what effect, if any, future issuances by us of our Class A common stock will have on the market price of our Class A common stock. In addition, shares of our Class A common stock that we issue in connection with an acquisition may not be subject to resale restrictions. The market price of our Class A common stock could drop significantly if certain large holders of our Class A common stock, or recipients of our Class A common stock in connection with an acquisition, sell all or a significant portion of their shares of Class A common stock or are perceived by the market as intending to sell these shares other than in an orderly manner. In addition, these sales could impair our ability to raise capital through the sale of additional Class A common stock in the capital markets.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds*Unregistered Sales of Equity Securities*

None.

Item 6. Exhibits**Exhibit Index**

<u>Exhibit number</u>	<u>Description of Exhibit</u>	<u>Form</u>	<u>File No.</u>	<u>Exhibit</u>	<u>Filing Date</u>
3.1	Second Amended and Restated Certificate of Incorporation.	Q3 10-Q	001-38285	3.1	12/14/2017
3.2	Second Amended and Restated Bylaws.	Q3 10-Q	001-38285	3.2	12/14/2017
10.1[^]	Senior Secured Credit Facilities Credit Agreement, among Bandwidth Inc., the several lenders from time to time party thereto, and Silicon Valley Bank, dated as of June 6, 2022.				Filed herewith
31.1	Certificate of the Chief Executive Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.				Filed herewith
31.2	Certification of the Chief Financial Officer pursuant to Exchange Act Rules 13a-14(a) and 15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.				Filed herewith
32.1*	Certification of the Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act 2002.				Furnished herewith
101.INS	XBRL Instance Document - the Instance Document does not appear in the interactive data file because its XBRL tags are embedded within the Inline XBRL Document.				Filed herewith
101.SCH	XBRL Taxonomy Schema Document.				Filed herewith
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.				Filed herewith
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.				Filed herewith
101.LAB	XBRL Taxonomy Extension Label Linkbase Document.				Filed herewith
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document.				Filed herewith

[^] Certain of the exhibits to this Exhibit 10.1 have been omitted in accordance with Regulation S-K Item 601. The Registrant agrees to furnish a copy of all omitted exhibits to the SEC upon its request.

* The certifications furnished in Exhibit 32.1 hereto are deemed to accompany this Quarterly Report on Form 10-Q and will not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, except to the extent that the registrant specifically incorporates it by reference.

SIGNATURES

Pursuant to the requirements of the Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this Quarterly Report on Form 10-Q to be signed on its behalf by the undersigned, thereunto duly authorized.

BANDWIDTH INC.

Date: August 4, 2022

By: /s/ David A. Morken
David A. Morken
Chief Executive Officer
(Principal Executive Officer)

Date: August 4, 2022

By: /s/ Daryl E. Raiford
Daryl E. Raiford
Chief Financial Officer
(Principal Accounting and Financial Officer)

SENIOR SECURED CREDIT FACILITIES

CREDIT AGREEMENT

dated as of June 6, 2022,

among

BANDWIDTH INC.,

as the Borrower,

THE SEVERAL LENDERS FROM TIME TO TIME PARTY HERETO,

and

SILICON VALLEY BANK,

as Administrative Agent, Issuing Lender and Swingline Lender

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CREDIT AGREEMENT

THIS CREDIT AGREEMENT (this “*Agreement*”), dated as of June 6, 2022, is entered into by and among **BANDWIDTH INC.**, a Delaware corporation (the “*Borrower*”), the several banks and other financial institutions or entities from time to time party to this Agreement (each a “*Lender*” and, collectively, the “*Lenders*”), **SILICON VALLEY BANK (“SVB”)**, as the Issuing Lender and the Swingline Lender, and SVB, as administrative agent and collateral agent for the Lenders (in such capacities, together with any successors and assigns in such capacities, the “*Administrative Agent*”).

RECITALS:

WHEREAS, the Borrower desires to obtain financing for working capital financing and letter of credit facilities;

WHEREAS, the Lenders have agreed to extend a revolving credit facility to the Borrower, upon the terms and conditions specified in this Agreement, in an aggregate principal amount not to exceed \$50,000,000, including a letter of credit sub-facility in the aggregate availability amount of \$20,000,000 (as a sublimit of the revolving loan facility), and a swingline sub-facility in the aggregate availability amount of \$5,000,000; (as a sublimit of the revolving loan facility);

WHEREAS, the Borrower has agreed to secure all of its Obligations by granting to the Administrative Agent, for the benefit of the Secured Parties, a first priority lien on substantially all of its assets; and

WHEREAS, each of the Guarantors has agreed to guarantee the Obligations of the Borrower and to secure its respective Obligations in respect of such guarantee by granting to the Administrative Agent, for the benefit of the Secured Parties, a first priority lien on substantially all of its assets.

NOW, THEREFORE, the parties hereto hereby agree as follows:

SECTION 1 DEFINITIONS

1.1 Defined Terms. As used in this Agreement (including the recitals hereof), the terms listed in this Section 1.1 shall have the respective meanings set forth in this Section 1.1.

“**ABR**”: for any day, a rate per annum equal to the highest of (a) the Prime Rate in effect on such day, (b) the Federal Funds Effective Rate in effect on such day plus 0.50%, and (c) the Term SOFR for a one (1) month tenor in effect on such day (taking into account the Floor set forth in the definition of “Term SOFR”) plus 1.00%. Any change in the ABR due to a change in any of the Prime Rate, the Federal Funds Effective Rate or the Term SOFR, as the case may be, shall be effective as of the opening of business on the effective day of the change in such rates.

“**ABR Loans**”: Loans, the rate of interest applicable to which is based upon the ABR.

“**ABR Term SOFR Determination Day**”: as defined in the definition of “Term SOFR”.

“**Account Debtor**”: any Person who may become obligated to any Person under, with respect to, or on account of, an Account, chattel paper or general intangibles (including a payment intangible).

Unless otherwise stated, the term “Account Debtor,” when used herein, shall mean an Account Debtor in respect of an Account of a Group Member.

“**Accounts**”: all “accounts” (as defined in the UCC) of a Person, including, without limitation, accounts, accounts receivable, monies due or to become due and obligations in any form (whether arising in connection with contracts, contract rights, instruments, general intangibles, or chattel paper), in each case whether arising out of goods sold or services rendered or from any other transaction and whether or not earned by performance, now or hereafter in existence, and all documents of title or other documents representing any of the foregoing, and all collateral security and guaranties of any kind, now or hereafter in existence, given by any Person with respect to any of the foregoing. Unless otherwise stated, the term “Account,” when used herein, shall mean an Account of a Group Member.

“**Adjusted Quick Ratio**”: as of any date of determination, (a) the sum of (i) Qualified Cash, plus (ii) net billed and unbilled Accounts of the Loan Parties; divided by (b) the result of (i) Current Liabilities minus (ii) the current portion of Deferred Revenue.

“**Administrative Agent**”: SVB, as the administrative agent under this Agreement and the other Loan Documents, together with any of its successors in such capacity.

“**Affected Financial Institution**”: (a) any EEA Financial Institution or (b) any UK Financial Institution.

“**Affected Lender**”: as defined in Section 2.23.

“**Affiliate**”: with respect to a specified Person, another Person that directly, or indirectly through one or more intermediaries, Controls or is Controlled by or is under common Control with the Person specified; provided that, neither the Administrative Agent nor the Lenders shall be deemed Affiliates of the Loan Parties as a result of the exercise of their rights and remedies under the Loan Documents.

“**Agent Parties**”: as defined in Section 10.2(d)(ii).

“**Aggregate Exposure**”: with respect to any Lender at any time, an amount equal to the sum of (a) the amount of such Lender’s Revolving Commitment then in effect or, if the Revolving Commitments have been terminated, the amount of such Lender’s Revolving Extensions of Credit then outstanding, and (b) without duplication of clause (a), the L/C Commitment of such Lender then in effect (as a sublimit of the Revolving Commitment of such Lender).

“**Aggregate Exposure Percentage**”: with respect to any Lender at any time, the ratio (expressed as a percentage) of such Lender’s Aggregate Exposure at such time to the Aggregate Exposure of all Lenders at such time.

“**Agreement**”: as defined in the preamble hereto.

“**Agreement Currency**”: as defined in Section 10.19.

“**Applicable Margin**”: initially, the rates per annum corresponding to Level I in the table below; provided that commencing on the date on which the Administrative Agent receives copies of the consolidated financial statements of the Group Members in respect of the fiscal quarter of the Group Members ending June 30, 2022, together with a Compliance Certificate in respect thereof as contemplated

by Section 6.2(b), “Applicable Margin” shall mean the rate per annum set forth under the relevant column heading below:

Level	Adjusted Quick Ratio	Applicable Margin for SOFR Loans	Applicable Margin for ABR Loans (including Swingline Loans)
III	$\leq 2.00:1.00$	2.00%	1.00%
II	$\leq 3.00:1.00$ and $>2.00:1.00$	1.75%	0.75%
I	$>3.00:1.00$	1.50%	0.50%

Notwithstanding the foregoing, (a) if the financial statements required by Section 6.1 and the related Compliance Certificate required by Section 6.2(b) are not delivered by the respective date required thereunder after the end of any related fiscal quarter of the Borrower, the Applicable Margin shall be the rates corresponding to Level III in the foregoing table until such financial statements and Compliance Certificate are delivered, and (b) no reduction to the Applicable Margin shall become effective at any time when an Event of Default has occurred and is continuing.

If, as a result of any restatement of or other adjustment to the financial statements of the Borrower or for any other reason, the Administrative Agent determines that (x) the Adjusted Quick Ratio as calculated by the Borrower as of any applicable date was inaccurate and (y) a proper calculation of the Adjusted Quick Ratio would have resulted in different pricing for any period, then (i) if the proper calculation of the Adjusted Quick Ratio would have resulted in higher pricing for such period, the Borrower shall automatically and retroactively be obligated to pay to the Administrative Agent, for the benefit of the applicable Lenders, promptly on demand by the Administrative Agent, an amount equal to the excess of the amount of interest and fees that should have been paid for such period over the amount of interest and fees actually paid for such period; and (ii) if the proper calculation of the Adjusted Quick Ratio would have resulted in lower pricing for such period, neither the Administrative Agent nor any Lender shall have any obligation to repay any interest or fees to the Borrower.

“**Application**”: an application, in such form as the Issuing Lender may specify from time to time, requesting the Issuing Lender to issue a Letter of Credit.

“**Approved Fund**”: any bona fide fund, investment vehicle, regulated banking entity or non-regulated lending entity that is primarily engaged in making, purchasing, holding or otherwise investing in commercial loans and similar extensions of credit in the ordinary course of business, in each cash that is administered or managed by (a) a Lender, (b) an Affiliate of a Lender, or (c) an entity or an Affiliate of an entity that administers or manages a Lender.

“**Assignment and Assumption**”: an assignment and assumption entered into by a Lender and an Eligible Assignee (with the consent of any party whose consent is required by Section 10.6), and accepted by the Administrative Agent, in substantially the form of Exhibit E or any other form approved by the Administrative Agent.

“**Available Revolving Commitment**”: at any time, an amount equal to (a) the Total Revolving Commitments in effect at such time, minus (b) the aggregate undrawn amount of all outstanding Letters of Credit at such time, minus (c) the aggregate amount of all L/C Disbursements that have not yet been

reimbursed or converted into Revolving Loans or Swingline Loans at such time, minus (d) the aggregate principal balance of any Revolving Loans and Swingline Loans outstanding at such time.

“Available Revolving Increase Amount”: as of any date of determination, an amount equal to the result of (a) \$50,000,000 minus (b) the aggregate principal amount of Increases to the Revolving Commitments previously made pursuant to Section 2.27 after the Closing Date.

“Available Tenor”: as of any date of determination and with respect to the then-current Benchmark, as applicable, (x) if such Benchmark is a term rate, any tenor for such Benchmark (or component thereof) that is or may be used for determining the length of an interest period pursuant to this Agreement or (y) otherwise, any payment period for interest calculated with reference to such Benchmark (or component thereof) that is or may be used for determining any frequency of making payments of interest calculated with reference to such Benchmark pursuant to this Agreement, in each case, as of such date and not including, for the avoidance of doubt, any tenor for such Benchmark that is then-removed from the definition of “Interest Period” pursuant to Section 2.17(b)(iv).

“Bail-In Action”: the exercise of any Write-Down and Conversion Powers by the applicable Resolution Authority in respect of any liability of an Affected Financial Institution.

“Bail-In Legislation”: (a) with respect to any EEA Member Country implementing Article 55 of Directive 2014/59/EU of the European Parliament and of the Council of the European Union, the implementing law for such EEA Member Country from time to time which is described in the EU Bail-In Legislation Schedule and (b) with respect to the United Kingdom, Part I of the United Kingdom Banking Act 2009 (as amended from time to time) and any other law, regulation or rule applicable in the United Kingdom relating to the resolution of unsound or failing banks, investment firms or other financial institutions or their affiliates (other than through liquidation, administration or other Insolvency Proceedings).

“Bankruptcy Code”: Title 11 of the United States Code entitled “Bankruptcy.”

“Benchmark”: initially, the Term SOFR Reference Rate; provided that if a Benchmark Transition Event has occurred with respect to the Term SOFR Reference Rate or the then-current Benchmark, then “Benchmark” means the applicable Benchmark Replacement to the extent that such Benchmark Replacement has replaced such prior benchmark rate pursuant to Section 2.17(b)(i).

“Benchmark Replacement”: with respect to any Benchmark Transition Event, the first alternative set forth in the order below that can be determined by the Administrative Agent for the applicable Benchmark Replacement Date:

(a) the sum of (i) Daily Simple SOFR and (ii) the related Benchmark Replacement Adjustment;

(b) the sum of: (i) the alternate benchmark rate that has been selected by the Administrative Agent and the Borrower giving due consideration to (A) any selection or recommendation of a replacement benchmark rate or the mechanism for determining such a rate by the Relevant Governmental Body or (B) any evolving or then-prevailing market convention for determining a benchmark rate as a replacement to the then-current Benchmark for Dollar-denominated syndicated credit facilities at such time and (ii) the related Benchmark Replacement Adjustment.

If the Benchmark Replacement as determined pursuant to clause (a) or (b) above would be less than the Floor, the Benchmark Replacement will be deemed to be the Floor for the purposes of this Agreement and the other Loan Documents.

“Benchmark Replacement Adjustment”: with respect to any replacement of the then current Benchmark with an Unadjusted Benchmark Replacement, the spread adjustment, or method for calculating or determining such spread adjustment, (which may be a positive or negative value or zero) that has been selected by the Administrative Agent and the Borrower giving due consideration to (a) any selection or recommendation of a spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of such Benchmark with the applicable Unadjusted Benchmark Replacement by the Relevant Governmental Body or (b) any evolving or then-prevailing market convention for determining a spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of such Benchmark with the applicable Unadjusted Benchmark Replacement for Dollar-denominated syndicated credit facilities at such time.

“Benchmark Replacement Date”: the earliest to occur of the following events with respect to the then-current Benchmark:

- (a) in the case of clause (a) or (b) of the definition of “Benchmark Transition Event,” the later of (i) the date of the public statement or publication of information referenced therein and (ii) the date on which the administrator of such Benchmark (or the published component used in the calculation thereof) permanently or indefinitely ceases to provide all Available Tenors of such Benchmark (or such component thereof); or
- (b) in the case of clause (c) of the definition of “Benchmark Transition Event”, the first date on which such Benchmark (or the published component used in the calculation thereof) has been determined and announced by the regulatory supervisor for the administrator of such Benchmark (or such component thereof) to be non-representative; provided that such non-representativeness will be determined by reference to the most recent statement or publication referenced in such clause (c) and even if any Available Tenor of such Benchmark (or such component thereof) continues to be provided on such date.

For the avoidance of doubt, the “Benchmark Replacement Date” will be deemed to have occurred in the case of clause (a) or (b) with respect to any Benchmark upon the occurrence of the applicable event or events set forth therein with respect to all then-current Available Tenors of such Benchmark (or the published component used in the calculation thereof).

“Benchmark Transition Event”: the occurrence of one or more of the following events with respect to the then-current Benchmark:

- (a) a public statement or publication of information by or on behalf of the administrator of such Benchmark (or the published component used in the calculation thereof) announcing that such administrator has ceased or will cease to provide all Available Tenors of such Benchmark (or such component thereof), permanently or indefinitely; provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide any Available Tenor of such Benchmark (or such component thereof);
- (b) a public statement or publication of information by the regulatory supervisor for the administrator of such Benchmark (or the published component used in the calculation thereof), the Board of Governors of the Federal Reserve System, the Federal Reserve Bank of

New York, an insolvency official with jurisdiction over the administrator for such Benchmark (or such component), a resolution authority with jurisdiction over the administrator for such Benchmark (or such component) or a court or an entity with similar insolvency or resolution authority over the administrator for such Benchmark (or such component), which states that the administrator of such Benchmark (or such component) has ceased or will cease to provide all Available Tenors of such Benchmark (or such component thereof) permanently or indefinitely; provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide any Available Tenor of such Benchmark (or such component thereof); or

- (c) a public statement or publication of information by the regulatory supervisor for the administrator of such Benchmark (or the published component used in the calculation thereof) announcing that all Available Tenors of such Benchmark (or such component thereof) are not, or as of a specified future date will not be, representative.

For the avoidance of doubt, a “Benchmark Transition Event” will be deemed to have occurred with respect to any Benchmark if a public statement or publication of information set forth above has occurred with respect to each then-current Available Tenor of such Benchmark (or the published component used in the calculation thereof).

“**Benchmark Transition Start Date**”: in the case of a Benchmark Transition Event, the earlier of (a) the applicable Benchmark Replacement Date and (b) if such Benchmark Transition Event is a public statement or publication of information of a prospective event, the 90th day prior to the expected date of such event as of such public statement or publication of information (or if the expected date of such prospective event is fewer than 90 days after such statement or publication, the date of such statement or publication).

“**Benchmark Unavailability Period**”: the period (if any) (x) beginning at the time that a Benchmark Replacement Date has occurred if, at such time, no Benchmark Replacement has replaced the then-current Benchmark for all purposes hereunder and under any Loan Document in accordance with Section 2.17(b) and (y) ending at the time that a Benchmark Replacement has replaced the then-current Benchmark for all purposes hereunder and under any Loan Document in accordance with Section 2.17(b).

“**Benefit Plan**”: any of (a) an “employee benefit plan” (as defined in Section 3(3) of ERISA) that is subject to Title I of ERISA, (b) a “plan” as defined in Section 4975 of the Code to which Section 4975 of the Code applies, and (c) any Person whose assets include (for purposes of the Plan Asset Regulations or otherwise for purposes of Title I of ERISA or Section 4975 of the Code) the assets of any such “employee benefit plan” or “plan”.

“**Benefitted Lender**”: as defined in Section 10.7(a).

“**Blocked Person**”: as defined in Section 7.23.

“**Board**”: the Board of Governors of the Federal Reserve System of the United States (or any successor).

“**Borrower**”: as defined in the preamble hereto.

“**Borrowing**”: a borrowing consisting of simultaneous Loans of the same Type and, in the case of a SOFR Borrowing, having the same Interest Period made by the Lenders.

“**Borrowing Date**”: any Business Day specified by the Borrower in a Notice of Borrowing as a date on which the Borrower requests the relevant Lenders to make Loans hereunder.

“**Business**”: as defined in [Section 4.17\(b\)](#).

“**Business Day**”: a day other than a Saturday, Sunday or other day on which commercial banks in the State of New York or the State of California are authorized or required by law to close.

“**Capital Lease Obligations**”: as to any Person, the obligations of such Person to pay rent or other amounts under any lease of (or other arrangement conveying the right to use) real or personal property, or a combination thereof, which obligations are required to be classified and accounted for as capital leases on a balance sheet of such Person under GAAP and, for the purposes of this Agreement, the amount of such obligations at any time shall be the capitalized amount thereof at such time determined in accordance with GAAP; provided that, for all purposes hereunder, any obligations of such Person that would have been treated as operating leases in accordance with Accounting Standards Codification 840 (regardless of whether or not then in effect) shall be treated as operating leases for purposes of all financial definitions, calculations and covenants, without giving effect to Accounting Standards Codification 842 requiring operating leases to be recharacterized or treated as capital leases.

“**Capital Stock**”: with respect to any Person, all of the shares of capital stock of (or other ownership or profit interests in) such Person, all of the warrants, options or other rights for the purchase or acquisition from such Person of shares of capital stock of (or other ownership or profit interests in) such Person, all of the securities convertible into or exchangeable for shares of capital stock of (or other ownership or profit interests in) such Person or warrants, rights or options for the purchase or acquisition from such Person of such shares (or such other interests), and all of the other ownership or profit interests in such Person (including partnership, member or trust interests therein), whether voting or nonvoting, and whether or not such shares, warrants, options, rights or other interests are outstanding on any date of determination; provided that, Permitted Convertible Indebtedness shall not constitute Capital Stock; it being agreed that any common stock or other equity securities into which Permitted Convertible Indebtedness is converted into or exchanged for shall constitute Capital Stock.

“**Capped Call Transactions**”: the Permitted Equity Derivative Transactions listed on [Schedule 7.2\(d\)](#).

“**Cash Collateralize**”: to pledge and deposit with or deliver to (a) with respect to Obligations in respect of Letters of Credit, the Administrative Agent, for the benefit of the Issuing Lender and one or more of the Lenders, as applicable, as collateral for L/C Exposure or obligations of the Lenders to fund participations in respect thereof, cash or deposit account balances or, if the Administrative Agent and the Issuing Lender shall agree in their sole discretion, other credit support, in each case pursuant to documentation in form and substance satisfactory to the Administrative Agent and such Issuing Lender; (b) with respect to Obligations arising under any Cash Management Agreement in connection with Cash Management Services, the applicable Cash Management Bank, for its own or any of its applicable Affiliate’s benefit, as provider of such Cash Management Services, cash or deposit account balances or, if the Administrative Agent and the applicable Cash Management Bank shall agree in their sole discretion, other credit support, in each case pursuant to documentation in form and substance satisfactory to the Administrative Agent and such Cash Management Bank; or (c) with respect to Obligations in respect of

any Specified Swap Agreements, the applicable Qualified Counterparty, as Collateral for such Obligations, cash or deposit account balances or, if such Qualified Counterparty shall agree in its sole discretion, other credit support, in each case pursuant to documentation in form and substance satisfactory to such Qualified Counterparty. “**Cash Collateral**” shall have a meaning correlative to the foregoing and shall include the proceeds of such cash collateral and other credit support.

“**Cash Equivalents**”: (a) marketable direct obligations issued by, or unconditionally guaranteed by, the United States Government or issued by any agency thereof and backed by the full faith and credit of the United States, in each case maturing within one year from the date of acquisition; (b) certificates of deposit, time deposits, eurodollar time deposits or overnight bank deposits having maturities of 6 months or less from the date of acquisition issued by any Lender or by any commercial bank organized under the laws of the United States or any state thereof having combined capital and surplus of not less than \$250,000,000; (c) commercial paper of an issuer rated at least A-2 by S&P or P-2 by Moody’s, or carrying an equivalent rating by a nationally recognized rating agency, if both of the two named rating agencies cease publishing ratings of commercial paper issuers generally, and maturing within 6 months from the date of acquisition; (d) repurchase obligations of any Lender or of any commercial bank satisfying the requirements of clause (b) of this definition, having a term of not more than 30 days, with respect to securities issued or fully guaranteed or insured by the United States government; (e) securities with maturities of one year or less from the date of acquisition issued or fully guaranteed by any state, commonwealth or territory of the United States, by any political subdivision or taxing authority of any such state, commonwealth or territory or by any foreign government, the securities of which state, commonwealth, territory, political subdivision, taxing authority or foreign government (as the case may be) are rated at least A by S&P or A by Moody’s; (f) securities with maturities of 6 months or less from the date of acquisition backed by standby letters of credit issued by any Lender or any commercial bank satisfying the requirements of clause (b) of this definition; (g) money market mutual or similar funds that invest exclusively in assets satisfying the requirements of clauses (a) through (f) of this definition; (h) money market funds that (i) comply with the criteria set forth in SEC Rule 2a-7 under the Investment Company Act of 1940, as amended, (ii) are rated AAA by S&P and Aaa by Moody’s and (iii) have portfolio assets of at least \$5,000,000,000; or (j) investments permitted by Borrower’s board-approved investment policy (as may be amended from time to time) as approved from time to time by the Administrative Agent solely for purposes of this Agreement (such approval not to be unreasonably withheld, delayed or conditioned); provided that any changes to the Borrower’s board-approved investment policy based on recommendations from the Administrative Agent or its Affiliates shall not be subject to such approval.

“**Cash Management Agreement**”: as defined in the definition of “Cash Management Services.”

“**Cash Management Bank**”: any Person that, at the time it enters into a Cash Management Agreement, is a Lender or an Affiliate of a Lender, in its capacity as a party to such Cash Management Agreement.

“**Cash Management Services**”: cash management and other services provided to one or more of the Loan Parties by a Cash Management Bank which may include treasury, depository, return items, overdraft, controlled disbursement, merchant store value cards, e-payables services, electronic funds transfer, interstate depository network, automatic clearing house transfer (including the Automated Clearing House processing of electronic funds transfers through the direct Federal Reserve Fedline system), merchant services, direct deposit of payroll, business credit card (including so-called “purchase cards”, “procurement cards” or “p-cards”), credit card processing services, debit cards, stored value cards,

and check cashing services identified in such Cash Management Bank's various cash management services or other similar agreements (each, a "**Cash Management Agreement**").

"**Casualty Event**": any damage to or any destruction of, or any condemnation or other taking by any Governmental Authority of any property of the Loan Parties.

"**Certificated Securities**": as defined in Section 4.19(a).

"**Change of Control**": (a) at any time, any "person" or "group" (as such terms are used in Sections 13(d) and 14(d) of the Exchange Act) shall become, or obtain rights (whether by means of warrants, options or otherwise) to become, the "beneficial owner" (as defined in Rules 13(d)-3 and 13(d)-5 under the Exchange Act), directly or indirectly, of 35% or more of the ordinary voting power for the election of directors of the Borrower (determined on a fully diluted basis); or (b) except as may be permitted by Section 7.4 or Section 7.5, at any time, the Borrower shall cease to own and control, of record and beneficially, directly or indirectly, 100% of each class of outstanding Capital Stock of each other Loan Party free and clear of all Liens other than Liens permitted by Section 7.3; or (d) a "change of control," "fundamental change" or any comparable term or similar event under any agreement governing Permitted Convertible Indebtedness or any other Indebtedness of the Group Members in an aggregate principal amount in excess of the Threshold Amount, in each case that permits the holder of such Indebtedness to require repayment, redemption, purchase, retirement, defeasance, sinking fund, settlement, conversion or similar payment with respect to all or part of the principal amount thereof prior to the scheduled maturity thereof.

"**Closing Date**": the date on which all of the conditions precedent set forth in Section 5.1 are satisfied or waived by the Administrative Agent and, as applicable, the Lenders or the Required Lenders.

"**Code**": the Internal Revenue Code of 1986, as amended from time to time.

"**Collateral**": all property of the Loan Parties, now owned or hereafter acquired, upon which a Lien is purported to be created by any Security Document. For the avoidance of doubt, no Excluded Asset shall constitute "Collateral."

"**Collateral Information Certificate**": the Collateral Information Certificate to be executed and delivered by the Borrower pursuant to Section 5.1, substantially in the form of Exhibit J.

"**Collateral-Related Expenses**": all reasonable costs and expenses of the Administrative Agent paid or incurred in connection with any sale, collection or other realization on the Collateral, including reasonable compensation to the Administrative Agent and its agents and counsel, and reimbursement for all other reasonable costs, expenses and liabilities and advances made or incurred by the Administrative Agent in connection therewith (including as described in Section 6.6 of the Guarantee and Collateral Agreement), and all amounts for which the Administrative Agent is entitled to indemnification under the Security Documents and all advances made by the Administrative Agent under the Security Documents for the account of any Loan Party.

"**Commitment**": as to any Lender, its Revolving Commitment.

"**Commitment Fee Rate**": 0.25% per annum.

"**Commodity Exchange Act**": the Commodity Exchange Act (7 U.S.C. Section 1 *et seq.*), as amended from time to time, and any successor statute.

“Communications”: as defined in Section 10.2(d)(ii).

“Compliance Certificate”: a certificate duly executed by a Responsible Officer of the Borrower substantially in the form of Exhibit B.

“Conforming Changes”: with respect to either the use or administration of any Benchmark or the use, administration, adoption or implementation of any Benchmark Replacement, any technical, administrative or operational changes (including changes to the definition of “ABR”, the definition of “Business Day,” the definition of “U.S. Government Securities Business Day,” the definition of “Interest Period” or any similar or analogous definition (or the addition of a concept of “interest period”), timing and frequency of determining rates and making payments of interest, timing of borrowing requests or prepayment, conversion or continuation notices, the applicability and length of lookback periods, the applicability of Section 2.14 and other technical, administrative or operational matters) that the Administrative Agent (in consultation with the Borrower) decides may be appropriate to reflect the adoption and implementation of any such rate or to permit the use and administration thereof by the Administrative Agent in a manner substantially consistent with market practice (or, if the Administrative Agent decides that adoption of any portion of such market practice is not administratively feasible or if the Administrative Agent (in consultation with the Borrower) determines that no market practice for the administration of any such rate exists, in such other manner of administration as the Administrative Agent (in consultation with the Borrower) decides is reasonably necessary in connection with the administration of this Agreement and the other Loan Documents).

“Connection Income Taxes”: Other Connection Taxes that are imposed on or measured by net income (however denominated) or that are franchise Taxes or branch profits Taxes.

“Contractual Obligation”: as to any Person, any provision of any security issued by such Person or of any agreement, instrument or other undertaking to which such Person is a party or by which it or any of its property is bound.

“Control”: the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of a Person, whether through the ability to exercise voting power, by contract or otherwise. **“Controlling”** and **“Controlled”** have meanings correlative thereto.

“Control Agreement”: any account control agreement in form and substance reasonably satisfactory to the Administrative Agent entered into among the depository institution at which a Loan Party maintains a Deposit Account or the securities intermediary at which a Loan Party maintains a Securities Account, such Loan Party, and the Administrative Agent pursuant to which the Administrative Agent obtains control (within the meaning of the UCC or any other applicable law) over such Deposit Account or Securities Account.

“Control Investment Affiliate”: as to any Person, any other Person that (a) directly or indirectly, is in Control of, is Controlled by, or is under common Control with, such Person and (b) is organized by such Person primarily for the purpose of making equity or debt investments in one or more companies.

“Convertible Notes”: the Permitted Convertible Indebtedness listed on Schedule 7.2(d).

“Corresponding Tenor”: with respect to any Available Tenor means, as applicable, either a tenor (including overnight) or an interest payment period having approximately the same length (disregarding business day adjustment) as such Available Tenor.

“Covenant Testing Trigger Day”: (a) for purposes of the Adjusted Quick Ratio test set forth at Section 7.1(a), any day which is the last day of a Fiscal Quarter and (b) for other purposes hereunder, any other day, in each case on which Qualified Cash as of such day is less than the sum of (i) \$70,000,000 and (ii) to the extent that the Total Revolving Commitments as of such day are greater than \$50,000,000, an amount equal to (A) \$70,000,000 *multiplied by* (B)(I) the amount by which the Total Revolving Commitments as of such day exceed \$50,000,000 *divided by* (II) \$50,000,000.

“Current Liabilities”: the sum of (without duplication) (a) the Obligations (including, without limitation, any outstanding drawn or undrawn Letters of Credit), plus (b) the aggregate amount of the Group Members’ (i) Total Liabilities (but excluding liabilities with respect to Permitted Equity Derivative Transactions (including the Capped Call Transactions) and Permitted Convertible Indebtedness (including the Convertible Notes)) and (ii) earn outs, that in each case of the immediately preceding clauses (i) and (ii) are potentially due within one year from the applicable date of determination.

“Daily Simple SOFR”: for any day (a **“SOFR Rate Day”**), a rate per annum equal to the greater of (a) SOFR for the day (such day a **“SOFR Determination Day”**) that is five (5) U.S. Government Securities Business Days prior to (i) if such SOFR Rate Day is a U.S. Government Securities Business Day, such SOFR Rate Day or (ii) if such SOFR Rate Day is not a U.S. Government Securities Business Day, the U.S. Government Securities Business Day immediately preceding such SOFR Rate Day, in each case, as such SOFR is published by the SOFR Administrator on the SOFR Administrator’s Website, and (b) the Floor. If by 5:00 p.m. (New York City time) on the second (2nd) U.S. Government Securities Business Day immediately following any SOFR Determination Day, SOFR in respect of such SOFR Determination Day has not been published on the SOFR Administrator’s Website and a Benchmark Replacement Date with respect to the Daily Simple SOFR has not occurred, then SOFR for such SOFR Determination Day will be SOFR as published in respect of the first preceding U.S. Government Securities Business Day for which such SOFR was published on the SOFR Administrator’s Website; provided that any SOFR determined pursuant to this sentence shall be utilized for purposes of calculation of Daily Simple SOFR for no more than three (3) consecutive SOFR Rate Days. Any change in Daily Simple SOFR due to a change in SOFR shall be effective from and including the effective date of such change in SOFR without notice to the Borrower.

“Debtor Relief Laws”: the Bankruptcy Code, and all other liquidation, conservatorship, bankruptcy, assignment for the benefit of creditors, moratorium, rearrangement, receivership, insolvency, reorganization, or similar debtor relief laws of the United States or other applicable jurisdictions from time to time in effect.

“Default”: any of the events specified in Section 8.1, whether or not any requirement for the giving of notice, the lapse of time, or both, has been satisfied.

“Default Rate”: as defined in Section 2.15(c).

“Defaulting Lender”: subject to Section 2.24(b), any Lender that (a) has failed to (i) fund all or any portion of its Loans within 2 Business Days of the date such Loans were required to be funded hereunder unless such Lender notifies the Administrative Agent and the Borrower in writing that such failure is the result of such Lender’s reasonable determination that one or more conditions precedent to funding (each of which conditions precedent, together with any applicable default, shall be specifically identified in such writing) has not been satisfied, or (ii) pay to the Administrative Agent, the Issuing Lender, the Swingline Lender or any other Lender any other amount required to be paid by it hereunder (including in respect of its participation in Letters of Credit or Swingline Loans) within 2 Business Days

of the date when due, (b) has notified the Borrower, the Administrative Agent, the Issuing Lender or the Swingline Lender in writing that it does not intend to comply with its funding obligations hereunder, or has made a public statement to that effect (unless such writing or public statement relates to such Lender's obligation to fund a Loan hereunder and states that such position is based on such Lender's reasonable determination that a condition precedent to funding (which condition precedent, together with any applicable default, shall be specifically identified in such writing or public statement) cannot be satisfied), (c) has failed, within 3 Business Days after written request by the Administrative Agent or the Borrower, to confirm in writing to the Administrative Agent and the Borrower that it will comply with its prospective funding obligations hereunder (provided that such Lender shall cease to be a Defaulting Lender pursuant to this clause (c) upon receipt of such written confirmation by the Administrative Agent and the Borrower), or (d) has, or has a direct or indirect parent company that has, (i) become the subject of a proceeding under any Debtor Relief Law, (ii) become the subject of a Bail-In Action or (iii) had appointed for it a receiver, custodian, conservator, trustee, administrator, assignee for the benefit of creditors or similar Person charged with reorganization or liquidation of its business or assets, including the Federal Deposit Insurance Corporation or any other state or federal regulatory authority acting in such a capacity; provided that a Lender shall not be a Defaulting Lender solely by virtue of the ownership or acquisition of any equity interest in that Lender or any direct or indirect parent company thereof by a Governmental Authority so long as such ownership interest does not result in or provide such Lender with immunity from the jurisdiction of courts within the United States or from the enforcement of judgments or writs of attachment on its assets or permit such Lender (or such Governmental Authority) to reject, repudiate, disavow or disaffirm any contracts or agreements made with such Lender. Any determination by the Administrative Agent that a Lender is a Defaulting Lender under any one or more of clauses (a) through (d) above shall be conclusive and binding absent manifest error, and such Lender shall be deemed to be a Defaulting Lender (subject to Section 2.24(b)) upon delivery of written notice of such determination to the Borrower, the Issuing Lender, the Swingline Lender and each Lender.

“Deferred Revenue”: all amounts received or invoiced in advance of performance under contracts and not yet recognized as revenue.

“Deposit Account”: any “deposit account” as defined in the UCC with such additions to such term as may hereafter be made.

“Deposit Account Control Agreement”: any Control Agreement entered into by the Administrative Agent, a Loan Party and a financial institution holding a Deposit Account of such Loan Party pursuant to which the Administrative Agent is granted “control” (for purposes of the UCC) over such Deposit Account.

“Designated Jurisdiction”: any country or territory to the extent that such country or territory itself is the subject of any Sanction.

“Determination Date”: as defined in the definition of “Pro Forma Basis”.

“Discharge of Obligations”: subject to Section 10.8, the satisfaction of the Obligations (including all such Obligations relating to Cash Management Services) by the payment in full, in cash (or, as applicable, Cash Collateralization in accordance with the terms hereof or as otherwise may be reasonably satisfactory to the applicable Cash Management Bank or Qualified Counterparty) of the principal of and interest on or other liabilities relating to each Loan and any previously provided Cash Management Services, all fees and all other expenses or amounts payable under any Loan Document (other than inchoate indemnification obligations and any other obligations which pursuant to the terms of

any Loan Document specifically survive repayment of the Loans for which no claim has been made), and other Obligations under or in respect of Specified Swap Agreements and Cash Management Services, to the extent (a) any such Obligations in respect of Specified Swap Agreements have, if required by any applicable Qualified Counterparties, been Cash Collateralized, (b) no Letter of Credit shall be outstanding (or, as applicable, each outstanding and undrawn Letter of Credit has been Cash Collateralized in accordance with the terms hereof or as otherwise may be reasonably satisfactory to the applicable Cash Management Bank), (c) no Obligations in respect of any Cash Management Services are outstanding (or, as applicable, all such outstanding Obligations in respect of Cash Management Services have been Cash Collateralized in accordance with the terms hereof), and (d) the aggregate Commitments of the Lenders are terminated.

“Disposition”: with respect to any property (including, without limitation, Capital Stock of any Subsidiary), any sale, lease, Sale Leaseback Transaction, assignment, conveyance, transfer, encumbrance or other disposition thereof (in one transaction or in a series of transactions and whether effected pursuant to a Division or otherwise) and any issuance of Capital Stock of any Subsidiary. The terms **“Dispose”** and **“Disposed of”** shall have correlative meanings. For the avoidance of doubt, none of (a) the sale or issuance of any Permitted Convertible Indebtedness by the Borrower, (b) the entry into any Permitted Equity Derivative Transaction by the Borrower in connection with the issuance of any Permitted Convertible Indebtedness, (c) the settlement, unwinding or termination of any Permitted Equity Derivative Transaction, or (d) the issuance of Capital Stock that is not Disqualified Stock pursuant to the conversion or exchange of Permitted Convertible Indebtedness or the settlement, unwinding or termination of any Permitted Equity Derivative Transaction shall constitute a Disposition.

“Disqualified Lender”: (a) any Person who is designated by the Borrower in writing to the Administrative Agent at any time prior to the Closing Date (or, with respect to any competitor of the Borrower, prior to, on or after the Closing Date) and (b) any Affiliate of any Person so designated by the Borrower pursuant to subsection (a) of this definition (other than any bona fide fund, investment vehicle, regulated banking entity or non-regulated lending entity that is primarily engaged in making, purchasing, holding or otherwise investing in commercial loans and similar extensions of credit in the ordinary course of business) that is clearly identifiable as an Affiliate on the basis of such Affiliate’s name. The Administrative Agent shall have no obligation to monitor any non-compliance by any Lender hereunder with respect to provisions relating to Disqualified Lenders or the disclosure of Confidential Information to any Disqualified Lender, and neither the Administrative Agent nor the Lenders shall be required to determine any such affiliation status pursuant to item (b) of this definition nor shall the Administrative Agent or any Lender be liable for failure to make any such determination.

“Disqualified Stock”: any Capital Stock that, by its terms (or by the terms of any security into which it is convertible, or for which it is exchangeable, in each case at the option of the holder thereof), or upon the happening of any event, matures or is mandatorily redeemable, pursuant to a sinking fund obligation or otherwise, or redeemable at the option of the holder thereof, in whole or in part, on or prior to the date that is 91 days after the date on which the Loans mature. The amount of Disqualified Stock deemed to be outstanding at any time for purposes of this Agreement will be the maximum amount that the Group Members may become obligated to pay upon maturity of, or pursuant to any mandatory redemption provisions of, such Disqualified Stock or portion thereof, plus accrued dividends.

“Division”: in reference to any Person which is an entity, the division of such Person into 2 or more separate Persons, with the dividing Person either continuing or terminating its existence as part of such division, including as contemplated under Section 18-217 of the Delaware Limited Liability Company Act, or any analogous action taken pursuant to any other applicable Requirements of Law.

“**Dollars**” and “**\$**”: dollars in lawful currency of the United States.

“**Domestic Subsidiary**”: any Subsidiary of the Borrower organized under the laws of any jurisdiction within the United States.

“**EEA Financial Institution**”: (a) any credit institution or investment firm established in any EEA Member Country which is subject to the supervision of an EEA Resolution Authority, (b) any entity established in an EEA Member Country which is a parent of an institution described in clause (a) of this definition, or (c) any financial institution established in an EEA Member Country which is a Subsidiary of an institution described in clauses (a) or (b) of this definition and is subject to consolidated supervision with its parent.

“**EEA Member Country**”: any of the member states of the European Union, Iceland, Liechtenstein, and Norway.

“**EEA Resolution Authority**”: any public administrative authority or any person entrusted with public administrative authority of any EEA Member Country (including any delegee) having responsibility for the resolution of any EEA Financial Institution.

“**Eligible Assignee**”: any Person that meets the requirements to be an assignee under Section 10.6(b)(iii), (v) and (vi) (subject to such consents, if any, as may be required under Section 10.6(b)(iii)); provided, that, “**Eligible Assignee**” shall not include any Disqualified Lender unless a Specified Event of Default has occurred and is continuing without the consent of the Borrower.

“**Environmental Laws**”: any and all foreign, federal, state, local or municipal laws, rules, orders, regulations, statutes, ordinances, codes, decrees, requirements of any Governmental Authority or other Requirements of Law (including common law) regulating, relating to or imposing liability or standards of conduct concerning protection of human health or the environment, as now or may at any time hereafter be in effect.

“**Environmental Liability**”: any liability, contingent or otherwise (including any liability for damages, costs of environmental remediation, fines, penalties or indemnities), of any Group Member directly or indirectly resulting from or based upon (a) a violation of an Environmental Law, (b) the generation, use, handling, transportation, storage, treatment or disposal of any Materials of Environmental Concern, (c) exposure to any Materials of Environmental Concern, (d) the release or threatened release of any Materials of Environmental Concern into the environment, or (e) any contract, agreement or other consensual arrangement pursuant to which liability is assumed or imposed with respect to any of the foregoing.

“**ERISA**”: the Employee Retirement Income Security Act of 1974, as amended, including (unless the context otherwise requires) any rules or regulations promulgated thereunder.

“**ERISA Affiliate**”: each business or entity which is, or within the last six years was, a member of a “controlled group of corporations,” under “common control” or an “affiliated service group” with any Loan Party within the meaning of Section 414(b), (c), (m) or (n) of the Code, required to be aggregated with any Loan Party under Section 414(o) of the Code, or is, or within the last six years was, under “common control” with any Loan Party, within the meaning of Section 4001(a)(14) of ERISA.

“**ERISA Event**”: any of (a) a reportable event as defined in Section 4043 of ERISA with respect to a Pension Plan, excluding, however, such events as to which the PBGC by regulation has waived the

requirement of Section 4043(a) of ERISA that it be notified within 30 days of the occurrence of such event; (b) the applicability of the requirements of Section 4043(b) of ERISA with respect to a contributing sponsor, as defined in Section 4001(a)(13) of ERISA, to any Pension Plan where an event described in paragraph (9), (10), (11), (12) or (13) of Section 4043(c) of ERISA is reasonably expected to occur with respect to such plan within the following 30 days; (c) a withdrawal by any Loan Party or any ERISA Affiliate thereof from a Pension Plan or the termination of any Pension Plan resulting in liability to a Group Member under Sections 4063 or 4064 of ERISA; (d) the withdrawal of any Loan Party or any ERISA Affiliate thereof in a complete or partial withdrawal (within the meaning of Section 4203 and 4205 of ERISA) from any Multiemployer Plan if there is any potential liability to a Group Member therefor, or the receipt by any Loan Party or any ERISA Affiliate thereof of notice from any Multiemployer Plan that it is in reorganization or insolvency pursuant to Section 4241 or 4245 of ERISA; (e) the filing of a notice of intent to terminate, the treatment of a plan amendment as a termination under Section 4041 or 4041A of ERISA, or the commencement of proceedings by the PBGC to terminate a Pension Plan or Multiemployer Plan; (f) the imposition of liability on any Loan Party or any ERISA Affiliate thereof pursuant to Sections 4062(e) or 4069 of ERISA or by reason of the application of Section 4212(c) of ERISA; (g) the failure by any Loan Party or any ERISA Affiliate thereof to make any required contribution to a Pension Plan, or the failure to meet the minimum funding standard of Section 412 of the Code with respect to any Pension Plan (whether or not waived in accordance with Section 412(c) of the Code) or the failure to make by its due date a required installment under Section 430 of the Code with respect to any Pension Plan or the failure to make any required contribution to a Multiemployer Plan; (h) the determination that any Pension Plan is considered an at-risk plan or a plan in endangered to critical status within the meaning of Sections 430, 431 and 432 of the Code or Sections 303, 304 and 305 of ERISA; (i) an event or condition which might reasonably be expected to constitute grounds under Section 4042 of ERISA for the termination of, or the appointment of a trustee to administer, any Pension Plan or Multiemployer Plan; (j) the imposition of any liability under Title I or Title IV of ERISA, other than PBGC premiums due but not delinquent under Section 4007 of ERISA, upon any Loan Party or any ERISA Affiliate thereof; (k) an application for a funding waiver under Section 303 of ERISA or an extension of any amortization period pursuant to Section 412 of the Code with respect to any Pension Plan; (l) the occurrence of a non-exempt prohibited transaction under Sections 406 or 407 of ERISA for which any Group Member may be directly or indirectly liable; (m) a violation of the applicable requirements of Section 404 or 405 of ERISA or the exclusive benefit rule under Section 401(a) of the Code by any fiduciary or disqualified person for which any Loan Party or any ERISA Affiliate thereof may be directly or indirectly liable; (n) the occurrence of an act or omission which could give rise to the imposition on any Loan Party or any ERISA Affiliate thereof of fines, penalties, taxes or related charges under Chapter 43 of the Code or under Sections 409, 502(c), (i) or (1) or 4071 of ERISA; (o) the assertion of a material claim (other than routine claims for benefits) against any Plan or the assets thereof, or against any Group Member in connection with any such Plan; (p) receipt from the IRS of notice of the failure of any Qualified Plan to qualify under Section 401(a) of the Code, or the failure of any trust forming part of any Qualified Plan to qualify for exemption from taxation under Section 501(a) of the Code; (q) the imposition of any lien (or the fulfillment of the conditions for the imposition of any lien) on any of the rights, properties or assets of any Loan Party or any ERISA Affiliate thereof, in either case pursuant to Title I or IV of ERISA, including Section 302(f) or 303(k) of ERISA or to Section 401(a)(29) or 430(k) of the Code; (r) noncompliance with any requirement of Section 409A or 457 of the Code; or (s) the establishment or amendment by any Group Member of any “welfare plan” as such term is defined in Section 3(1) of ERISA, that provides post-employment welfare benefits in a manner that would increase the liability of any Group Member.

“**ERISA Funding Rules**”: the rules regarding minimum required contributions (including any installment payment thereof) to Pension Plans, as set forth in Section 412 of the Code and Section 302 of

ERISA, with respect to Plan years ending prior to the effective date of the Pension Protection Act of 2006, and thereafter, as set forth in Sections 412, 430, 431, 432 and 436 of the Code and Sections 302, 303, 304 and 305 of ERISA.

“Erroneous Payment”: as defined in Section 9.15(a).

“Erroneous Payment Deficiency Assignment”: as defined in Section 9.15(a).

“Erroneous Payment Impacted Class”: as defined in Section 9.15(d).

“Erroneous Payment Return Deficiency”: as defined in Section 9.15(d).

“Erroneous Payment Subrogation Rights”: as defined in Section 9.15(d).

“EU Bail-In Legislation Schedule”: the EU Bail-In Legislation Schedule published by the Loan Market Association (or any successor Person), as in effect from time to time.

“Event of Default”: any of the events specified in Section 8.1; provided that any requirement for the giving of notice, the lapse of time, or both, has been satisfied.

“Exchange Act”: the Securities Exchange Act of 1934, as amended from time to time and any successor statute.

“Excluded Assets”: as defined in the Guarantee and Collateral Agreement.

“Excluded Subsidiary”: any Subsidiary that is (a) not a direct Domestic Subsidiary of a Loan Party, (b) a Foreign Subsidiary Holding Company, (c) an Immaterial Subsidiary, (d) any Subsidiary where the giving of a guaranty thereby or the granting of a security interest in the assets thereof would reasonably be expected to result in material adverse tax consequences to the Borrower or any Loan Party, (e) any Subsidiary that is prohibited or restricted by applicable Law from providing a Guaranty or if such Guaranty would require governmental (including regulatory) consent, approval, license or authorization, unless such consent, approval, license or authorization has been obtained, (f) any other Subsidiary with respect to which, as reasonably determined by the Borrower in good faith and in consultation with the Administrative Agent, the cost or other consequences (including any material adverse tax consequences) of providing the Guaranty shall be excessive in view of the benefits to be obtained by the Lenders therefrom or (g) a non-wholly-owned Subsidiary, other than a Subsidiary that is or becomes non-wholly-owned as a result of (i) a disposition of Capital Stock in such Subsidiary to a Person that is an Affiliate of the Borrower for less than fair market value (as determined by the Borrower in good faith) or (ii) a transaction entered into primarily in contemplation of such Subsidiary ceasing to be a Guarantor.

“Excluded Swap Obligations”: with respect to any Guarantor, any Swap Obligation if, and to the extent that, all or a portion of the Guarantee Obligation of such Guarantor with respect to, or the grant by such Guarantor of a Lien to secure, such Swap Obligation (or any guarantee thereof) is or becomes illegal under the Commodity Exchange Act or any rule, regulation or order of the Commodity Futures Trading Commission (or the application or official interpretation of any thereof) by virtue of such Guarantor’s failure for any reason to constitute an “eligible contract participant” as defined in the Commodity Exchange Act at the time such Guarantee Obligation of such Guarantor, or the grant by such Guarantor of such Lien, becomes effective with respect to such Swap Obligation. If such a Swap Obligation arises under a master agreement governing more than one swap, such exclusion shall apply only to the portion

of such Swap Obligation that is attributable to swaps for which such Guarantee Obligation or Lien is or becomes excluded in accordance with the first sentence of this definition.

“Excluded Taxes”: any of the following Taxes imposed on or with respect to a Recipient or required to be withheld or deducted from a payment to a Recipient, (a) Taxes imposed on or measured by net income (however denominated), franchise Taxes, and branch profits Taxes, in each case, (i) imposed as a result of such Recipient being organized under the laws of, or having its principal office or, in the case of any Lender, its applicable lending office located in, the jurisdiction imposing such Tax (or any political subdivision thereof) or (ii) that are Other Connection Taxes, (b) in the case of a Lender, U.S. federal withholding Taxes imposed on amounts payable to or for the account of such Lender with respect to an applicable interest in a Loan or Commitment pursuant to a law in effect on the date on which (i) such Lender acquires such interest in the Loan or Commitment (other than pursuant to an assignment request by the Borrower under [Section 2.23](#)) or (ii) such Lender changes its lending office, except in each case to the extent that, pursuant to [Section 2.20](#), amounts with respect to such Taxes were payable either to such Lender’s assignor immediately before such Lender became a party hereto or to such Lender immediately before it changed its lending office, (c) Taxes attributable to such Recipient’s failure to comply with [Section 2.20\(f\)](#) and (d) any withholding Taxes imposed under FATCA.

“Facility”: each of (a) the L/C Facility (which is a sub-facility of the Revolving Facility), (b) the Revolving Facility and (c) the Swingline Facility (which is a sub-facility of the Revolving Facility).

“FASB ASC”: the Accounting Standards certification of the Financial Accounting Standards Board.

“FATCA”: Sections 1471 through 1474 of the Code, as of the date of this Agreement (or any amended or successor version that is substantively comparable and not materially more onerous to comply with), any current or future regulations or official interpretations thereof, any agreement entered into pursuant to Section 1471(b)(1) of the Code and any fiscal or regulatory legislation, rules or practices adopted pursuant to any intergovernmental agreement, treaty or convention among Governmental Authorities and implementing such Sections of the Code.

“Federal Funds Effective Rate”: for any day, the greater of (a) 0.00% and (b) the weighted average of the rates on overnight federal funds transactions with members of the Federal Reserve System, as published on the next succeeding Business Day by the Federal Reserve Bank of New York, or, if such rate is not so published for any day that is a Business Day, the average of the quotations for the day of such transactions received by SVB from three federal funds brokers of recognized standing selected by it.

“Fee Letter”: the letter agreement dated April 21, 2022, between the Borrower and the Administrative Agent.

“Financial Covenant”: as defined in [Section 7.1\(b\)](#).

“Flood Laws”: the National Flood Insurance Reform Act of 1994 and related legislation (including the regulations of the Board of Governors of the Federal Reserve System).

“Floor”: a rate of interest equal to 0.00%.

“Flow of Funds Agreement”: the spreadsheet or other similar statement prepared by the Administrative Agent regarding the disbursement of Loan proceeds (if any) on the Closing Date, the funding and the payment of the Administrative Agent’s reasonable and documented expenses and the

reasonable and documented expenses of the Administrative Agent's counsel, and such other matters as may be agreed to by the Borrower and the Administrative Agent.

"Foreclosed Borrower": as defined in Section 2.25.

"Foreign Lender": (a) if the Borrower is a U.S. Person, a Lender that is not a U.S. Person, and (b) if the Borrower is not a U.S. Person, a Lender that is resident or organized under the laws of a jurisdiction other than that in which the Borrower is resident for tax purposes.

"Foreign Subsidiary": any Subsidiary of the Borrower that is not a Domestic Subsidiary.

"Foreign Subsidiary Holding Company": any direct or indirect Domestic Subsidiary of a Loan Party, substantially all of the assets of which consist of the Capital Stock (or Capital Stock and debt) of one or more controlled foreign corporations (within the meaning of Section 957 of the Code) or one or more other Foreign Subsidiary Holding Companies.

"Fronting Exposure": at any time there is a Defaulting Lender, as applicable, (a) with respect to the Issuing Lender, such Defaulting Lender's L/C Percentage of the outstanding L/C Exposure other than L/C Exposure as to which such Defaulting Lender's participation obligation has been reallocated to other Lenders or Cash Collateralized in accordance with the terms hereof, and (b) with respect to the Swingline Lender, such Defaulting Lender's Revolving Percentage of outstanding Swingline Loans made by the Swingline Lender other than Swingline Loans as to which such Defaulting Lender's participation obligation has been reallocated to other Lenders.

"Fund": any Person (other than a natural Person) that is (or will be) engaged in making, purchasing, holding or otherwise investing in commercial loans, bonds and similar extensions of credit in the ordinary course of its activities.

"Funding Office": the Revolving Loan Funding Office.

"GAAP": generally accepted accounting principles in the United States as in effect from time to time, except that for purposes of Section 7.1, GAAP shall be determined on the basis of such principles in effect on the date hereof and consistent with those used in the preparation of the most recent audited financial statements referred to in Section 4.1. In the event that any **"Accounting Change"** (as defined below) shall occur and such change results in a change in the method of calculation of financial covenants, standards or terms in this Agreement, then the Borrower and the Administrative Agent agree to enter into negotiations to amend such provisions of this Agreement so as to reflect equitably such Accounting Changes with the desired result that the criteria for evaluating the Borrower's financial condition shall be the same after such Accounting Changes as if such Accounting Changes had not been made. Until such time as such an amendment shall have been executed and delivered by the Borrower, the Administrative Agent and the Required Lenders, all financial covenants, standards and terms in this Agreement shall continue to be calculated or construed as if such Accounting Changes had not occurred. **"Accounting Changes"** refers to changes in accounting principles required by the promulgation of any rule, regulation, pronouncement or opinion by the Financial Accounting Standards Board of the American Institute of Certified Public Accountants or, if applicable, the SEC, or the adoption of IFRS.

"Governmental Approval": any consent, authorization, approval, order, license, franchise, permit, certificate, accreditation, registration, filing or notice, of, issued by, from or to, or other act by or in respect of, any Governmental Authority.

“Governmental Authority”: the government of the United States of America or any other nation, or of any political subdivision thereof, whether state or local, and any agency, authority, instrumentality, regulatory body, court, central bank or other entity exercising executive, legislative, judicial, taxing, regulatory or administrative powers or functions of or pertaining to government (including any supra-national bodies such as the European Union or the European Central Bank), and any group or body charged with setting accounting or regulatory capital rules or standards (including the Financial Standards Board, the Bank for International Settlements, the Basel Committee on Banking Supervision and any successor or similar authority to any of the foregoing).

“Group Members”: the collective reference to the Borrower and its Subsidiaries.

“Guarantee and Collateral Agreement”: the Guarantee and Collateral Agreement to be executed and delivered by the Loan Parties, substantially in the form of Exhibit A.

“Guarantee Obligation”: as to any Person (the “*guaranteeing person*”), any obligation, including a reimbursement, counterindemnity or similar obligation, of the guaranteeing person that guarantees or in effect guarantees, or which is given to induce the creation of a separate obligation by another Person (including any bank under any letter of credit) that guarantees or in effect guarantees, any Indebtedness, leases, dividends or other obligations (the “*primary obligations*”) of any other third Person (the “*primary obligor*”) in any manner, whether directly or indirectly, including any obligation of the guaranteeing person, whether or not contingent, (i) to purchase any such primary obligation or any property constituting direct or indirect security therefor, (ii) to advance or supply funds (1) for the purchase or payment of any such primary obligation or (2) to maintain working capital or equity capital of the primary obligor or otherwise to maintain the net worth or solvency of the primary obligor, (iii) to purchase property, securities or services primarily for the purpose of assuring the owner of any such primary obligation of the ability of the primary obligor to make payment of such primary obligation or (iv) otherwise to assure or hold harmless the owner of any such primary obligation against loss in respect thereof; provided that the term Guarantee Obligation shall not include endorsements of instruments for deposit or collection in the ordinary course of business. The amount of any Guarantee Obligation of any guaranteeing person shall be deemed to be the lower of (a) an amount equal to the stated or determinable amount of the primary obligation in respect of which such Guarantee Obligation is made and (b) the maximum amount for which such guaranteeing person may be liable pursuant to the terms of the instrument embodying such Guarantee Obligation, unless such primary obligation and the maximum amount for which such guaranteeing person may be liable are not stated or determinable, in which case the amount of such Guarantee Obligation shall be such guaranteeing person’s maximum reasonably anticipated liability in respect thereof as determined by the Borrower in good faith.

“Guarantors”: a collective reference to each Subsidiary of the Borrower which has become a Guarantor pursuant to the requirements of Section 6.12 hereof and the Guarantee and Collateral Agreement. Notwithstanding the foregoing or any contrary provision herein or in any other Loan Document, no Excluded Subsidiary shall be required to be a Guarantor.

“IFRS”: international accounting standards within the meaning of IAS Regulation 1606/2002 to the extent applicable to the relevant financial statements delivered under or referred to herein.

“Illegality Notice”: as defined in Section 2.19.

“Immaterial Subsidiary”: as of the last day of each fiscal quarter and at any other date of determination, any Subsidiary of any Loan Party designated as such by such Loan Party in writing and

which as of such date (a) holds assets representing 10% or less of the Borrower's consolidated total assets as of such date (determined in accordance with GAAP), (b) has generated less than 10% of the Borrower's consolidated total revenues determined in accordance with GAAP for the four fiscal quarter period ending on the last day of the most recent period for which financial statements have been delivered after the Closing Date pursuant to Section 6.1(b); provided that all Subsidiaries that are individually "**Immaterial Subsidiaries**" shall not have aggregate consolidated total assets that would represent 10% or more of the Borrower's consolidated total assets as of such date or have generated 10% or more of the Borrower's consolidated total revenues for such four fiscal quarter period, in each case determined in accordance with GAAP, (c) owns no Capital Stock of any Subsidiary that is not an Immaterial Subsidiary and (d) owns no material Intellectual Property. No Borrower or Guarantor shall be permitted to be designated as an Immaterial Subsidiary

"**Increase**": as defined in Section 2.27.

"**Increase Joinder**": an instrument, in form and substance reasonably satisfactory to the Administrative Agent, by which a Lender becomes a party to this Agreement pursuant to Section 2.27.

"**Incurred**": as defined in the definition of "Pro Forma Basis".

"**Indebtedness**": of any Person at any date, without duplication, (a) all indebtedness of such Person for borrowed money, (b) all obligations of such Person for the deferred purchase price of property or services (other than (i) current trade payables incurred in the ordinary course of such Person's business, (ii) earn outs, unless required to be recorded as debt in accordance with GAAP and (iii) accruals for payroll and other liabilities, including deferred compensation arrangements, in each case, accrued in the ordinary course of business), (c) all obligations of such Person evidenced by notes, bonds, debentures or other similar instruments, (d) all indebtedness created or arising under any conditional sale or other title retention agreement with respect to property acquired by such Person (even though the rights and remedies of the seller or lender under such agreement in the event of default are limited to repossession or sale of such property), (e) all Capital Lease Obligations and all Synthetic Lease Obligations of such Person, (f) all obligations of such Person, contingent or otherwise, as an account party or applicant under or in respect of acceptances, letters of credit, surety bonds or similar arrangements, (g) all obligations of such Person to purchase, redeem, retire, defease or otherwise make any payment in respect of any Capital Stock in such Person or any other Person (including, without limitation, Disqualified Stock), or any warrant, right or option to acquire such Capital Stock, valued, in the case of a redeemable preferred interest, at the greater of its voluntary or involuntary liquidation preference plus accrued and unpaid dividends, (h) all Guarantee Obligations of such Person in respect of obligations of the kind referred to in clauses (a) through (g) above, (i) all obligations of the kind referred to in clauses (a) through (h) above secured by (or for which the holder of such obligation has an existing right, contingent or otherwise, to be secured by) any Lien on property (including accounts and contract rights) owned by such Person, whether or not such Person has assumed or become liable for the payment of such obligation, and (j) the net obligations of such Person in respect of Swap Agreements. The Indebtedness of any Person shall include the Indebtedness of any other entity (including any partnership in which such Person is a general partner) to the extent such Person is liable therefor as a result of such Person's ownership interest in or other relationship with such entity, except to the extent the terms of such Indebtedness expressly provide that such Person is not liable therefor.

"**Indemnified Taxes**": (a) Taxes, other than Excluded Taxes, imposed on or with respect to any payment made by or on account of any obligation of any Loan Party under any Loan Document and (b) to the extent not otherwise described in clause (a), Other Taxes.

“Indemnitee”: as defined in Section 10.5(b).

“Insolvency Proceeding”: (a) any case, action or proceeding before any court or other Governmental Authority relating to bankruptcy, reorganization, insolvency, liquidation, receivership, dissolution, winding-up or relief of debtors, or (b) any general assignment for the benefit of creditors, composition, marshalling of assets for creditors, or other, similar arrangement in respect of any Person’s creditors generally or any substantial portion of such Person’s creditors, in each case undertaken under U.S. federal, state or foreign law, including any Debtor Relief Law.

“Intellectual Property”: the collective reference to all rights, priorities and privileges relating to intellectual property, whether arising under United States, multinational or foreign laws or otherwise, including copyrights, copyright licenses, patents, patent licenses, trademarks, trademark licenses, technology, know-how and processes, and all rights to sue at law or in equity for any infringement or other impairment thereof, including the right to receive all proceeds and damages therefrom.

“Intellectual Property Security Agreement”: an intellectual property security agreement entered into between a Loan Party and the Administrative Agent pursuant to the terms of the Guarantee and Collateral Agreement in form and substance satisfactory to the Administrative Agent, together with each other intellectual property security agreement and supplement thereto delivered pursuant to Section 6.12, in each case as amended, restated, supplemented or otherwise modified from time to time.

“Interest Payment Date”: (a) as to any ABR Loan (including any Swingline Loan), the first Business Day of each fiscal quarter to occur while such Loan is outstanding and the final maturity date of such Loan, (b) as to any SOFR Loan having an Interest Period of 3 months or less, the last Business Day of such Interest Period and the final maturity date of such Loan, (c) as to any SOFR Loan having an Interest Period longer than 3 months, each Business Day that is 3 months after the first day of such Interest Period, the last Business Day of such Interest Period and the final maturity date of such Loan, and (d) as to any Loan, the date of any repayment or prepayment made in respect thereof.

“Interest Period”: as to any SOFR Loan, (a) initially, the period commencing on the borrowing or conversion date, as the case may be, with respect to such SOFR Loan and ending on the numerically corresponding day in the month that is 1, 3 or 6 months thereafter, as selected by the Borrower in its Notice of Borrowing or Notice of Conversion/Continuation, as the case may be, given with respect thereto; and (b) thereafter, each period commencing on the last day of the next preceding Interest Period applicable to such SOFR Loan and ending on the numerically corresponding day in the month that is 1, 3 or 6 months thereafter, as selected by the Borrower in a Notice of Conversion/Continuation delivered to the Administrative Agent not later than 10:00 A.M. on the date that is 3 U.S. Government Securities Business Days prior to the last day of the then current Interest Period with respect thereto; provided that all of the foregoing provisions relating to Interest Periods are subject to the following:

- (i) if any Interest Period would otherwise end on a day that is not a Business Day, such Interest Period shall be extended to the next succeeding Business Day unless the result of such extension would be to carry such Interest Period into another calendar month in which event such Interest Period shall end on the immediately preceding Business Day;
- (ii) the Borrower may not select an Interest Period under a particular Facility that would extend beyond the Revolving Termination Date;

(iii) any Interest Period that begins on the last Business Day of a calendar month (or on a day for which there is no numerically corresponding day in the last calendar month at the end of such Interest Period) shall end on the last Business Day of a calendar month; and

(iv) no tenor that has been removed from this definition pursuant to Section 2.17(b) shall be available for specification in any Notice of Borrowing or Notice of Conversion/Continuation.

“Interest Rate Agreement”: any interest rate swap agreement, interest rate cap agreement, interest rate collar agreement, interest rate hedging agreement or other similar agreement or arrangement, each of which is (a) for the purpose of hedging the interest rate exposure associated with the Group Members’ operations and (b) not for speculative purposes.

“Inventory”: all “inventory,” as such term is defined in the UCC, now owned or hereafter acquired by any Loan Party, wherever located, and in any event including inventory, merchandise, goods and other personal property that are held by or on behalf of any Loan Party for sale or lease or are furnished or are to be furnished under a contract of service or that constitutes raw materials, work in process, finished goods, returned goods, or materials or supplies of any kind used or consumed or to be used or consumed in such Loan Party’s business or in the processing, production, packaging, promotion, delivery or shipping of the same, including all supplies and embedded software.

“Investments”: as defined in Section 7.8.

“IRS”: the Internal Revenue Service, or any successor thereto.

“ISDA Definitions”: the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time by the International Swaps and Derivatives Association, Inc. or such successor thereto.

“ISP”: with respect to any Letter of Credit, the “International Standby Practices 1998” published by the Institute of International Banking Law & Practice (or such later version thereof as may be in effect at the time of issuance).

“Issuing Lender”: as the context may require, (a) SVB or any Affiliate thereof, in its capacity as issuer of any Letter of Credit, and (b) any other Lender that may become an Issuing Lender pursuant to Section 3.11 or 3.12, with respect to Letters of Credit issued by such Lender. The Issuing Lender may, in its discretion, arrange for one or more Letters of Credit to be issued by Affiliates of the Issuing Lender or other financial institutions, in which case the term “Issuing Lender” shall include any such Affiliate or other financial institution with respect to Letters of Credit issued by such Affiliate or other financial institution.

“Issuing Lender Fees”: as defined in Section 3.3(a).

“Judgment Currency”: as defined in Section 10.19.

“L/C Advance”: each L/C Lender’s funding of its participation in any L/C Disbursement in accordance with its L/C Percentage of the L/C Commitment.

“L/C Commitment”: as to any L/C Lender, the obligation of such L/C Lender, if any, to purchase an undivided interest in the Issuing Lenders’ obligations and rights under and in respect of each Letter of Credit (including to make payments with respect to draws made under any Letter of Credit pursuant to Section 3.5(b)) in an aggregate principal amount not to exceed the amount set forth under the heading “L/C Commitment” opposite such L/C Lender’s name on Schedule 1.1A or in the Assignment and Assumption or Increase Joinder pursuant to which such L/C Lender becomes a party hereto, as the same may be changed from time to time pursuant to the terms hereof. The L/C Commitment is a sublimit of the Revolving Commitment and the aggregate amount of the L/C Commitments shall not exceed the amount of the Total L/C Commitments at any time.

“L/C Disbursements”: a payment or disbursement made by the Issuing Lender pursuant to a Letter of Credit.

“L/C Exposure”: at any time, the sum of (a) the aggregate undrawn amount of all outstanding Letters of Credit at such time, and (b) the aggregate amount of all L/C Disbursements that have not yet been reimbursed or converted into Revolving Loans or Swingline Loans at such time. The L/C Exposure of any L/C Lender at any time shall equal its L/C Percentage of the aggregate L/C Exposure at such time.

“L/C Facility”: the L/C Commitments and the extensions of credit made thereunder.

“L/C Fee Payment Date”: as defined in Section 3.3(a).

“L/C Lender”: a Lender with an L/C Commitment.

“L/C Percentage”: as to any L/C Lender at any time, the percentage of the Total L/C Commitments represented by such L/C Lender’s L/C Commitment, as such percentage may be adjusted as provided in Section 2.24.

“L/C-Related Documents”: collectively, each Letter of Credit, all applications for any Letter of Credit (and applications for the amendment of any Letter of Credit) submitted by the Borrower to the Issuing Lender and any other document, agreement and instrument relating to any Letter of Credit, including any of the Issuing Lender’s standard form documents for letter of credit issuances.

“LCA Election”: as defined in Section 1.4.

“LCA Test Date”: as defined in Section 1.4.

“Lenders”: as defined in the preamble hereto; provided that unless the context otherwise requires, each reference herein to the Lenders shall be deemed to include the Issuing Lender, the L/C Lenders, and the Swingline Lender.

“Letter of Credit”: as defined in Section 3.1(a).

“Letter of Credit Availability Period”: the period from and including the Closing Date to but excluding the Letter of Credit Maturity Date.

“Letter of Credit Fees”: as defined in Section 3.3(a).

“Letter of Credit Fronting Fees”: as defined in Section 3.3(a).

“Letter of Credit Maturity Date”: the date occurring 15 days prior to the Revolving Termination Date then in effect (or, if such day is not a Business Day, the next preceding Business Day).

“Lien”: any mortgage, deed of trust, pledge, hypothecation, collateral assignment, deposit arrangement, encumbrance, lien (statutory or other), charge or other security interest or any preference, priority or other security agreement or preferential arrangement of any kind or nature whatsoever (including any conditional sale or other title retention agreement and any capital lease having substantially the same economic effect as any of the foregoing).

“Limited Condition Acquisition”: any Permitted Acquisition, the consummation of which is not conditioned on the availability of, or on obtaining, third party financing and is being financed with an Increase; provided, that, in the event the consummation of any such Permitted Acquisition shall not have occurred on or prior to the date that is 120 days following the signing of the applicable Limited Condition Acquisition Agreement, such Permitted Acquisition shall no longer constitute a Limited Condition Acquisition for any purpose.

“Limited Condition Acquisition Agreement”: any agreement providing for a Limited Condition Acquisition.

“Loan”: any loan made or maintained by any Lender pursuant to this Agreement.

“Loan Documents”: this Agreement, each Security Document, each Note, the Fee Letter, each Assignment and Assumption, each Compliance Certificate, each Increase Joinder, each Notice of Borrowing, each Notice of Conversion/Continuation, the Solvency Certificate, the Collateral Information Certificate, each L/C-Related Document, each subordination agreement or intercreditor agreement entered into pursuant to this Agreement and any agreement creating or perfecting rights in cash collateral pursuant to the provisions of Section 3.10, or otherwise, and any amendment, waiver, supplement or other modification to any of the foregoing.

“Loan Parties”: each Group Member that is a party to a Loan Document, as a Borrower or a Guarantor.

“Material Adverse Effect”: (a) a material adverse change in, or a material adverse effect on, the operations, business, assets, properties, liabilities (actual or contingent), or financial condition of the Group Members, taken as a whole; (b) a material impairment of the rights and remedies, taken as a whole, of the Administrative Agent or any Lender under any Loan Document, or of the ability of the Loan Parties, taken as a whole, to perform their obligations under the Loan Documents to which they are party; or (c) a material adverse effect upon the legality, validity, binding effect or enforceability against the Borrower or any Loan Party of any Loan Document to which it is a party.

“Materials of Environmental Concern”: any substance, material or waste that is defined, regulated, governed or otherwise characterized under any Environmental Law as hazardous or toxic or as a pollutant or contaminant (or by words of similar meaning and regulatory effect), any petroleum or petroleum products, asbestos, polychlorinated biphenyls, urea-formaldehyde insulation, molds or fungus, and radioactivity, radiofrequency radiation at levels known to be hazardous to human health and safety.

“Minority Lender”: as defined in Section 10.1(b).

“Moody’s”: Moody’s Investors Service, Inc.

“Mortgaged Properties”: the real properties as to which, pursuant to Section 6.12(b) or otherwise, the Administrative Agent, for the benefit of the Secured Parties, shall be granted a Lien pursuant to the Mortgages.

“Mortgages”: each of the mortgages, deeds of trust, deeds to secure debt or such equivalent documents hereafter entered into and executed and delivered by one or more of the Loan Parties to the Administrative Agent, in each case, as such documents may be amended, amended and restated, supplemented or otherwise modified, renewed or replaced from time to time and in form and substance reasonably acceptable to the Administrative Agent.

“Multiemployer Plan”: a “multiemployer plan” (within the meaning of Section 3(37) of ERISA) to which any Loan Party or any ERISA Affiliate thereof makes, is making, or is obligated or has ever been obligated to make contributions.

“Non-Consenting Lender”: any Lender that does not approve any consent, waiver or amendment that (a) requires the approval of all Affected Lenders in accordance with the terms of Section 10.1 and (b) has been approved by the Required Lenders.

“Non-Defaulting Lender”: at any time, each Lender that is not a Defaulting Lender at such time.

“Note”: a Revolving Loan Note or a Swingline Loan Note.

“Notice of Borrowing”: a notice substantially in the form of Exhibit K.

“Notice of Conversion/Continuation”: a notice substantially in the form of Exhibit L.

“Obligations”: (a) the unpaid principal of and interest on (including interest accruing after the maturity of the Loans and interest accruing after the filing of any petition in bankruptcy, or the commencement of any Insolvency Proceeding relating to any Loan Party, whether or not a claim for post-filing or post-petition interest is allowed or allowable in such proceeding) the Loans and all other obligations and liabilities (including any fees or expenses that accrue after the filing of any petition in bankruptcy, or the commencement of any Insolvency Proceeding relating to any Loan Party, whether or not a claim for post-filing or post-petition interest is allowed or allowable in such proceeding) of the Loan Parties (and the other Group Members in the cash of obligations in respect of Cash Management Services) to the Administrative Agent, the Issuing Lender, any other Lender, any applicable Cash Management Bank, and any Qualified Counterparty, whether direct or indirect, absolute or contingent, due or to become due, or now existing or hereafter incurred, which may arise under, out of, or in connection with, this Agreement, any other Loan Document, the Letters of Credit, any Cash Management Agreement, any Specified Swap Agreement or any other document made, delivered or given in connection herewith or therewith, whether on account of principal, interest, reimbursement obligations, payment obligations, fees, indemnities, costs, expenses (including all reasonable and documented out-of-pocket fees, charges and disbursements of counsel to the Administrative Agent, the Issuing Lender, any other Lender, any applicable Cash Management Bank, to the extent that any applicable Cash Management Agreement requires the reimbursement by any applicable Group Member of any such expenses, and any Qualified Counterparty) that are required to be paid by any Group Member pursuant any Loan Document, Cash Management Agreement, Specified Swap Agreement or otherwise and (b) Erroneous Payment Subrogation Rights. For the avoidance of doubt, the Obligations shall not include (a) any obligations arising under any warrants or other equity instruments issued by any Loan Party to any Lender, or (b) solely with respect to any Guarantor that is not a Qualified ECP Guarantor, any Excluded Swap Obligations of such Guarantor.

“**OFAC**”: the Office of Foreign Assets Control of the United States Department of the Treasury and any successor thereto.

“**Operating Documents**”: for any Person as of any date, such Person’s constitutional documents, formation documents and/or certificate of incorporation (or equivalent thereof), and, (a) if such Person is a corporation, its bylaws or memorandum and articles of association (or equivalent thereof) in current form, (b) if such Person is a limited liability company, its limited liability company agreement (or similar agreement), and (c) if such Person is a partnership, its partnership agreement (or similar agreement), each of the foregoing with all current amendments or modifications thereto.

“**Other Connection Taxes**”: with respect to any Recipient, Taxes imposed as a result of a present or former connection between such Recipient and the jurisdiction imposing such Tax (other than connections arising from such Recipient having executed, delivered, become a party to, performed its obligations under, received payments under, received or perfected a security interest under, engaged in any other transaction pursuant to or enforced any Loan Document, or sold or assigned an interest in any Loan or Loan Document).

“**Other Taxes**”: all present or future stamp, court or documentary, intangible, recording, filing or similar Taxes that arise from any payment made under, from the execution, delivery, performance, enforcement or registration of, from the receipt or perfection of a security interest under, or otherwise with respect to, any Loan Document, except any such Taxes that are Other Connection Taxes imposed with respect to an assignment (other than an assignment made pursuant to [Section 2.23](#)).

“**Participant**”: as defined in [Section 10.6\(d\)](#).

“**Participant Register**”: as defined in [Section 10.6\(d\)](#).

“**Patriot Act**”: the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism (USA PATRIOT ACT) Act of 2001, Title III of Pub. L. 107-56, signed into law October 26, 2001.

“**Payment Recipient**”: as defined in [Section 9.15\(a\)](#).

“**PBGC**”: the Pension Benefit Guaranty Corporation, or any successor thereto.

“**Pension Plan**”: an employee benefit plan (as defined in Section 3(3) of ERISA) other than a Multiemployer Plan (a) that is or was at any time maintained or sponsored by any Loan Party or any ERISA Affiliate thereof or to which any Loan Party or any ERISA Affiliate thereof has ever made, or was obligated to make, contributions, and (b) that is or was subject to Section 412 of the Code, Section 302 of ERISA or Title IV of ERISA.

“**Periodic Term SOFR Determination Day**”: as defined in the definition of “Term SOFR”.

“**Permitted Acquisition**”: as defined in [Section 7.8\(n\)](#).

“**Permitted Convertible Indebtedness**”: unsecured Indebtedness of the Borrower that (a) as of the date of issuance thereof contains terms, conditions, covenants, conversion or exchange rights, redemption rights and offer to repurchase rights, in each case, as are typical and customary for notes of such type (as determined by the Borrower in good faith) and (b) is convertible or exchangeable into shares of common stock of the Borrower (or other securities of a successor Person following a merger event, reclassification

or other change of the common stock of the Borrower), cash or a combination thereof (such amount of cash determined by reference to the price of the Borrower's common stock or such other securities or property), and cash in lieu of fractional shares of common stock of the Borrower; *provided* that such Permitted Convertible Indebtedness entered into after the date hereof (i) shall have a stated final maturity date that is no earlier than the date 180 days after the Revolving Termination Date (the "**Earliest Date**") and shall not be subject to any conditions that could result in such stated final maturity occurring earlier than the Earliest Date (it being understood that any conversion of such notes (whether into cash, shares of common stock in the Borrower or any combination thereof), a repurchase of such notes on account of the occurrence of a "fundamental change" or any redemption of all or any portion of such notes at the option of the Borrower shall not be deemed to constitute a change in the stated final maturity thereof), (ii) shall not be required to be repaid, prepaid, redeemed, repurchased or defeased, whether on one or more fixed dates, upon the occurrence of one or more events or at the option of any holder thereof (except, in each case, upon any conversion of such Indebtedness (whether into cash, shares of common stock in the Borrower or any combination thereof), the occurrence of an event of default or a "fundamental change" or following the Borrower's election to redeem such notes) prior to the Earliest Date, (iii) no Group Member that is not a Loan Party, shall have Guarantee Obligations with respect to obligations of the Borrower thereunder and (iv) any cross-default or cross acceleration (or comparable term or concept) provision contained in the agreements governing such Indebtedness that relates to other indebtedness or other payment obligations of the Group Members contains a cure or waiver period of at least 30 calendar days (after written notice to the issuer of such Indebtedness by the trustee or to such issuer and such trustee by holders of at least 25% in aggregate principal amount of such Indebtedness then outstanding) before a default, event of default, acceleration or other event or condition under the cross defaulted obligation results in an event of default under such cross default or cross acceleration provision.

"Permitted Equity Derivative Transaction": any forward purchase, accelerated share repurchase, call option, warrant or other derivative transaction relating to Borrower's common stock (or other securities or property following a merger event, reclassification or other change of the common stock of Borrower) purchased or sold by Borrower in connection with the issuance of any Permitted Convertible Indebtedness and settled in common stock of Borrower (or such other securities or property), cash or a combination thereof, as the same may be amended, restated, supplemented or otherwise modified from time to time; *provided* that (a) the aggregate net purchase price for such Permitted Equity Derivative Transactions does not exceed the net cash proceeds received by Borrower from the sale of the Permitted Convertible Indebtedness in connection with which such Permitted Equity Derivative Transactions were entered into, and (b) the other terms, conditions and covenants of each such transaction shall be such as are customary for transactions of such type (as determined by Borrower in good faith).

"Person": any natural Person, corporation, limited liability company, trust, joint venture, association, company, partnership, Governmental Authority or other entity.

"Plan": (a) an employee benefit plan (as defined in Section 3(3) of ERISA) other than a Multiemployer Plan which is or was at any time maintained or sponsored by any Group Member or to which any Group Member has ever made, or was obligated to make, contributions, (b) a Pension Plan, or (c) a Qualified Plan.

"Plan Asset Regulations": 29 CFR § 2510.3-101, as modified by Section 3(42) of ERISA, as amended from time to time.

"Platform": is any of Debt Domain, Intralinks, Syndtrak, DebtX or a substantially similar electronic transmission system.

“Preferred Stock”: the preferred Capital Stock of the Borrower, if any.

“Prime Rate”: the rate of interest per annum from time to time published in the money rates section of the Wall Street Journal or any successor publication thereto as the “prime rate” then in effect; provided that if such rate of interest, as set forth from time to time in the money rates section of the Wall Street Journal, becomes unavailable for any reason as determined by the Administrative Agent, the “Prime Rate” shall mean the rate of interest per annum announced by the Administrative Agent as its prime rate in effect at its principal office (such announced Prime Rate not being intended to be the lowest rate of interest charged by the Administrative Agent in connection with extensions of credit to debtors).

“Pro Forma Basis”: with respect to any calculation or determination for any period, in making such calculation or determination on the specified date of determination (the **“Determination Date”**):

(a) pro forma effect will be given to any Indebtedness incurred by the Group Members (including by assumption of then outstanding Indebtedness or by a Person becoming a Subsidiary) (**“Incurred”**) after the beginning of the applicable period and on or before the Determination Date to the extent the Indebtedness is outstanding or is to be Incurred on the Determination Date, as if such Indebtedness had been Incurred on the first day of such period;

(b) pro forma calculations of interest on Indebtedness bearing a floating interest rate will be made as if the rate in effect on the Determination Date (taking into account any Swap Agreement applicable to the Indebtedness) had been the applicable rate for the entire reference period; and

(c) pro forma effect will be given to: (A) the acquisition or disposition of companies, divisions or lines of businesses by the Group Members, including any acquisition or disposition of a company, division or line of business since the beginning of the reference period by a Person that became a Subsidiary after the beginning of the applicable period; and (B) the discontinuation of any discontinued operations; in each case of clauses (A) and (B), that have occurred since the beginning of the applicable period and before the Determination Date as if such events had occurred, and, in the case of any disposition, the proceeds thereof applied, on the first day of such period. To the extent that pro forma effect is to be given to an acquisition or disposition of a company, division or line of business, the pro forma calculation will be calculated in good faith by a responsible financial or accounting officer of the Borrower in accordance with Regulation S-X under the Securities Act based upon the most recent four full fiscal quarters for which the relevant financial information is available.

“Projections”: as defined in Section 6.2(c).

“Properties”: as defined in Section 4.17(a).

“PTE”: a prohibited transaction class exemption issued by the U.S. Department of Labor, as any such exemption may be amended from time to time.

“Qualified Cash”: as of any date of determination, the aggregate amount of unrestricted cash and Cash Equivalents held at such time by the Loan Parties in Deposit Accounts or Securities Accounts that are subject to a first priority perfected Lien in favor of the Administrative Agent; provided that, notwithstanding the foregoing, (i) from the Closing Date until ninety (90) days following the Closing Date, Qualified Cash shall include the aggregate amount of unrestricted cash and Cash Equivalents held at such time by the Loan Parties and (ii) Deposit Account Control Agreements will not be required in order

to perfect the Lien in favor of the Administrative Agent with respect to Deposit Accounts held at the Administrative Agent.

“Qualified Counterparty”: with respect to any Specified Swap Agreement, any counterparty thereto that is a Lender or an Affiliate of a Lender or, at the time such Specified Swap Agreement was entered into or as of the Closing Date, was the Administrative Agent or a Lender or an Affiliate of the Administrative Agent or a Lender.

“Qualified ECP Guarantor”: in respect of any Swap Obligation, (a) each Guarantor that has total assets exceeding \$10,000,000 at the time the relevant Guarantee Obligation of such Guarantor provided in respect of, or the Lien granted by such Guarantor to secure, such Swap Obligation (or guaranty thereof) becomes effective with respect to such Swap Obligation, and (b) any other Guarantor that (i) constitutes an “eligible contract participant” under the Commodity Exchange Act or any regulations promulgated thereunder, or (ii) can cause another Person (including, for the avoidance of doubt, any other Guarantor not then constituting a “Qualified ECP Guarantor”) to qualify as an “eligible contract participant” at such time by entering into a “keepwell, support, or other agreement” as contemplated by Section 1a(18)(A)(v)(II) of the Commodity Exchange Act.

“Qualified Plan”: an employee benefit plan (as defined in Section 3(3) of ERISA) other than a Multiemployer Plan (a) that is or was at any time maintained or sponsored by any Loan Party or any ERISA Affiliate thereof or to which any Loan Party or any ERISA Affiliate thereof has ever made, or was ever obligated to make, contributions, and (b) that is intended to be tax-qualified under Section 401(a) of the Code.

“Recipient”: the (a) Administrative Agent, (b) any Lender or (c) the Issuing Lender, as applicable.

“Refunded Swingline Loans”: as defined in Section 2.7(b).

“Register”: as defined in Section 10.6(c).

“Regulation D”: Regulation D of the Board, as in effect from time to time and all official rulings and interpretations thereunder or thereof.

“Regulation T”: Regulation T of the Board as in effect from time to time.

“Regulation U”: Regulation U of the Board as in effect from time to time.

“Regulation X”: Regulation X of the Board as in effect from time to time.

“Related Parties”: with respect to any Person, such Person’s Affiliates and the partners, directors, officers, employees, agents, trustees, administrators, managers, advisors and representatives of such Person and of such Person’s Affiliates.

“Relevant Governmental Body”: the Board of Governors of the Federal Reserve System or the Federal Reserve Bank of New York, or a committee officially endorsed or convened by the Board of Governors of the Federal Reserve System or the Federal Reserve Bank of New York, or any successor thereto.

“Replacement Lender”: as defined in Section 2.23.

“Required Lenders”: at any time, (a) if only one Lender holds the Total Revolving Commitments, such Lender; and (b) if more than one Lender holds the Total Revolving Commitments, then at least two Lenders who together hold more than 50% of the Total Revolving Commitments (including, without duplication, the L/C Commitments) then in effect or, if the Revolving Commitments have been terminated, the Total Revolving Extensions of Credit then outstanding; provided that for the purposes of this clause (b), the Revolving Commitments of, and the portion of the Revolving Loans and participations in L/C Exposure and Swingline Loans held or deemed held by, any Defaulting Lender shall be excluded for purposes of making a determination of Required Lenders; provided further that a Lender and its Affiliates shall be deemed one Lender.

“Requirement of Law”: as to any Person, the Operating Documents of such Person, and any law, treaty, rule or regulation or determination of an arbitrator or a court or other Governmental Authority (including, for the avoidance of doubt, the Basel Committee on Banking Supervision and any successor thereto or similar authority or successor thereto), in each case applicable to or binding upon such Person or any of its property or to which such Person or any of its property is subject.

“Resolution Authority”: an EEA Resolution Authority or, with respect to any UK Financial Institution, a UK Resolution Authority.

“Responsible Officer”: with respect to any Loan Party, the chief executive officer, president, vice president, chief financial officer, treasurer, controller, secretary or comptroller of such Loan Party, but in any event, with respect to financial matters, the chief financial officer, treasurer, controller or comptroller of such Loan Party.

“Restricted Payments”: as defined in Section 7.6.

“Revolving Commitment”: as to any Lender, the obligation of such Lender, if any, to make Revolving Loans and participate in Swingline Loans and Letters of Credit in an aggregate principal amount not to exceed the amount set forth under the heading “Revolving Commitment” opposite such Lender’s name on Schedule 1.1A or in the Assignment and Assumption or Increase Joinder pursuant to which such Lender became a party hereto, as the same may be changed from time to time pursuant to the terms hereof (including in connection with assignments and Increases permitted hereunder). The amount of the Total Revolving Commitments as of the Closing Date is \$50,000,000. The L/C Commitment and the Swingline Commitment are each sublimits of the Total Revolving Commitments.

“Revolving Commitment Period”: the period from and including the Closing Date to the Revolving Termination Date.

“Revolving Extensions of Credit”: as to any Revolving Lender at any time, an amount equal to the sum of (a) the aggregate principal amount of all Revolving Loans held by such Lender then outstanding, plus (b) such Lender’s L/C Percentage of the aggregate undrawn amount of all outstanding Letters of Credit at such time, plus (c) such Lender’s L/C Percentage of the aggregate amount of all L/C Disbursements that have not yet been reimbursed or converted into Revolving Loans at such time, plus (d) such Lender’s Revolving Percentage of the aggregate principal amount of Swingline Loans then outstanding.

“Revolving Facility”: the Revolving Commitments and the extensions of credit made thereunder.

“Revolving Lender”: each Lender that has a Revolving Commitment or that holds Revolving Loans.

“Revolving Loan Conversion”: as defined in Section 3.5(b).

“Revolving Loan Funding Office”: the office of the Administrative Agent specified in Section 10.2 or such other office as may be specified from time to time by the Administrative Agent as its funding office by written notice to the Borrower and the Lenders.

“Revolving Loan Note”: a promissory note in the form of Exhibit H-1, as it may be amended, supplemented or otherwise modified from time to time.

“Revolving Loans”: as defined in Section 2.4(a).

“Revolving Percentage”: as to any Revolving Lender at any time, the percentage which such Lender’s Revolving Commitment then constitutes of the Total Revolving Commitments or, at any time after the Revolving Commitments of all Lenders shall have expired or terminated, the percentage which the aggregate principal amount of such Lender’s Revolving Loans then outstanding constitutes of the aggregate principal amount of all Revolving Loans then outstanding; provided that in the event that the Revolving Loans are paid in full prior to the reduction to zero of the Total Revolving Commitments, the Revolving Percentages shall be determined in a manner designed to ensure that the other outstanding Revolving Extensions of Credit shall be held by the Revolving Lenders on a comparable basis.

“Revolving Termination Date”: June 6, 2025.

“S&P”: Standard & Poor’s Ratings Services.

“Sale Leaseback Transaction”: any arrangement with any Person or Persons, whereby in contemporaneous or substantially contemporaneous transactions a Loan Party sells substantially all of its right, title and interest in any property and, in connection therewith, acquires, leases or licenses back the right to use all or a material portion of such property.

“Sanction(s)”: any international economic sanction administered or enforced by the United States Government (including OFAC), the United Nations Security Council, the European Union, Her Majesty’s Treasury or other relevant sanctions authority.

“SEC”: the Securities and Exchange Commission, any successor thereto and any analogous Governmental Authority.

“Secured Parties”: the collective reference to the Administrative Agent, the Lenders (including any Issuing Lender in its capacity as Issuing Lender and any Swingline Lender in its capacity as Swingline Lender), any Cash Management Bank (in its or their respective capacities as providers of Cash Management Services), and any Qualified Counterparties.

“Securities Account”: any “securities account” as defined in the UCC with such additions to such term as may hereafter be made.

“Securities Account Control Agreement”: any Control Agreement entered into by the Administrative Agent, a Loan Party and a securities intermediary holding a Securities Account of such

Loan Party pursuant to which the Administrative Agent is granted “control” (for purposes of the UCC) over such Securities Account.

“**Securities Act**”: the Securities Act of 1933, as amended from time to time and any successor statute.

“**Security Documents**”: the collective reference to (a) the Guarantee and Collateral Agreement, (b) the Mortgages (if any), (c) each Deposit Account Control Agreement, (d) each Securities Account Control Agreement, (e) each Intellectual Property Security Agreement, (f) all other security documents hereafter delivered to the Administrative Agent granting a Lien on any property of any Person to secure the Obligations of any Loan Party arising under any Loan Document, (g) each Pledge Supplement (as defined in the Guarantee and Collateral Agreement), (h) each Assumption Agreement (as referenced in the Guarantee and Collateral Agreement), and (i) all financing statements, fixture filings, intellectual property filings, assignments, acknowledgments and other filings, documents and agreements made or delivered pursuant to any of the foregoing.

“**SOFR**”: a rate equal to the secured overnight financing rate as administered by the SOFR Administrator.

“**SOFR Administrator**”: the Federal Reserve Bank of New York (or a successor administrator of the secured overnight financing rate).

“**SOFR Administrator’s Website**”: the website of the Federal Reserve Bank of New York, currently at <http://www.newyorkfed.org>, or any successor source for the secured overnight financing rate identified as such by the SOFR Administrator from time to time.

“**SOFR Borrowing**”: as to any Borrowing, the SOFR Loans comprising such Borrowing.

“**SOFR Determination Day**”: as defined in the definition of “Daily Simple SOFR”.

“**SOFR Loan**”: a Loan that bears interest at a rate based on Term SOFR, other than pursuant to clause (c) of the definition of “ABR”.

“**SOFR Rate Day**”: as defined in the definition of “Daily Simple SOFR”.

“**SOFR Tranche**”: the collective reference to SOFR Loans under a particular Facility (other than the L/C Facility), the then current Interest Periods with respect to all of which begin on the same date and end on the same later date (whether or not such Loans shall originally have been made on the same day).

“**Solvency Certificate**”: the Solvency Certificate, dated the Closing Date, delivered to the Administrative Agent pursuant to Section 5.1(q), which Solvency Certificate shall be in substantially the form of Exhibit D.

“**Solvent**”: when used with respect to any Person, as of any date of determination, (a) the amount of the “fair value” of the assets of such Person will, as of such date, exceed the amount of all “liabilities of such Person, contingent or otherwise,” as of such date, as such quoted terms are determined in accordance with applicable federal and state laws governing determinations of the insolvency of debtors, (b) the “present fair saleable value” of the assets of such Person will, as of such date, be greater than the amount that will be required to pay the liability of such Person on its debts as such debts become absolute and matured, as such quoted terms are determined in accordance with applicable federal and state laws

governing determinations of the insolvency of debtors, (c) such Person will not have, as of such date, an unreasonably small amount of capital with which to conduct its business, and (d) such Person will be able to pay its debts as they mature. For purposes of this definition, (i) “debt” means liability on a “claim,” and (ii) “claim” means any (x) right to payment, whether or not such a right is reduced to judgment, liquidated, unliquidated, fixed, contingent, matured, unmatured, disputed, undisputed, legal, equitable, secured or unsecured or (y) right to an equitable remedy for breach of performance if such breach gives rise to a right to payment, whether or not such right to an equitable remedy is reduced to judgment, fixed, contingent, matured or unmatured, disputed, undisputed, secured or unsecured.

“**Specified Acquisition Agreement Representations**”: such of the representations and warranties made by or on behalf of, or with respect to, the applicable target entities or the applicable assets being acquired in the Limited Condition Acquisition Agreement as are material to the interests of the Lenders, but only to the extent that any Group Member (or its affiliates) has the right (taking into account any applicable cure provisions) to terminate its (or its affiliates) obligations under the Limited Condition Acquisition Agreement, or decline to consummate the acquisition (in each case, in accordance with the terms thereof), as a result of a breach of such representations and warranties.

“**Specified Event of Default**”: any Event of Default under Section 8.1(a), or Section 8.1(f).

“**Specified Representations**”: those representations and warranties made in Sections 4.3(a) (with respect to the organizational existence of the Loan Parties only after giving effect to the Limited Condition Acquisition), 4.4 (excluding the third sentence thereof), 4.5 (solely with respect to the first sentence and limited to Operating Documents), 4.11, 4.14, 4.19, 4.20 (giving effect to the Limited Condition Acquisition and the incurrence of the Increase loans in connection therewith), 4.28 and 4.29.

“**Specified Swap Agreement**”: any Swap Agreement entered into by a Loan Party (or in the sole discretion of the Administrative Agent, any other Group Member) and any Qualified Counterparty (or any Person who was a Qualified Counterparty as of the Closing Date or as of the date such Swap Agreement was entered into) to the extent permitted under Section 7.13.

“**Subordinated Debt Document**”: any agreement, certificate, document or instrument executed or delivered by any Group Member and evidencing Indebtedness of any Group Member which is contractually subordinated to the Obligations (including payment, lien and remedies subordination terms, as applicable) in a manner approved in writing by the Administrative Agent, and any renewals, modifications, or amendments thereof which are not prohibited by this Agreement or the applicable subordination agreement or are otherwise approved in writing by the Administrative Agent.

“**Subordinated Indebtedness**”: Indebtedness of a Loan Party contractually subordinated to the Obligations pursuant to subordination terms (including payment, lien and remedies subordination terms, as applicable) reasonably acceptable to the Administrative Agent.

“**Subsidiary**”: as to any Person, a corporation, partnership, limited liability company or other entity of which shares of stock or other ownership interests having ordinary voting power (other than stock or such other ownership interests having such power only by reason of the happening of a contingency) to elect a majority of the board of directors or other managers of such corporation, partnership or other entity are at the time owned, or the management of which is otherwise controlled, directly or indirectly through one or more intermediaries, or both, by such Person. Unless otherwise qualified, all references to a “**Subsidiary**” or to “**Subsidiaries**” in this Agreement shall refer to a Subsidiary or Subsidiaries of the Borrower.

“Surety Indebtedness”: as of any date of determination, indebtedness (contingent or otherwise) owing to sureties arising from surety bonds issued on behalf of any Group Member as support for, among other things, their contracts with customers, whether such indebtedness is owing directly or indirectly by such Group Member.

“SVB”: as defined in the preamble hereto.

“Swap Agreement”: any agreement with respect to any swap, hedge, forward, future or derivative transaction or option or similar agreement (including without limitation, any Interest Rate Agreement) involving, or settled by reference to, one or more rates, currencies, commodities, equity or debt instruments or securities, or economic, financial or pricing indices or measures of economic, financial or pricing risk or value or any similar transaction or any combination of these transactions; provided that (i) any phantom stock or similar plan providing for payments only on account of services provided by current or former directors, officers, employees or consultants of the Group Members, (ii) any stock option or warrant agreement for the purchase of Capital Stock of the Borrower, (iii) the purchase of Capital Stock or Indebtedness (including securities convertible into Capital Stock) of the Borrower pursuant to delayed delivery contracts, accelerated stock repurchase agreements, forward contracts or other similar agreements and (iv) any of the items specified in the foregoing clauses (i) through (iv), to the extent the same constitutes a derivative embedded in a convertible security issued by the Borrower, in any case of the preceding clauses (i) through (iv) shall not be deemed to be a “Swap Agreement.”

“Swap Obligation”: with respect to any Guarantor, any obligation of such Guarantor to pay or perform under any agreement, contract or transaction that constitutes a “swap” within the meaning of Section 1a(47) of the Commodity Exchange Act.

“Swap Termination Value”: in respect of any one or more Swap Agreements, after taking into account the effect of any legally enforceable netting agreement relating to such Swap Agreements, (a) for any date on or after the date any such Swap Agreement has been closed out and termination value determined in accordance therewith, such termination value, and (b) for any date prior to the date referenced in clause (a), the amount determined as the mark-to-market value for such Swap Agreement, as determined based upon one or more mid-market or other readily available quotations provided by any recognized dealer in such Swap Agreements (which may include a Qualified Counterparty).

“Swingline Commitment”: the obligation of the Swingline Lender to make Swingline Loans pursuant to Section 2.6 in an aggregate principal amount at any one time outstanding not to exceed \$5,000,000.

“Swingline Lender”: SVB, in its capacity as the lender of Swingline Loans or such other Lender as the Borrower may from time to time select as the Swingline Lender hereunder pursuant to Section 2.7(f); provided that such Lender has agreed to be a Swingline Lender.

“Swingline Loan Note”: a promissory note in the form of Exhibit H-2, as it may be amended, supplemented or otherwise modified from time to time.

“Swingline Loans”: as defined in Section 2.6.

“Swingline Participation Amount”: as defined in Section 2.7(c).

“Synthetic Lease Obligation”: the monetary obligation of a Person under (a) a so-called synthetic, off-balance sheet or tax retention lease or (b) an agreement for the use of property creating obligations that do not appear on the balance sheet of such Person but which, upon the insolvency or bankruptcy of such Person, would be characterized as the indebtedness of such Person (without regard to accounting treatment).

“Taxes”: all present or future taxes, levies, imposts, duties, deductions, withholdings (including backup withholding), assessments, fees or other charges imposed by any Governmental Authority, including any interest, additions to tax or penalties applicable thereto.

“Term SOFR”: (a) for any calculation with respect to a SOFR Loan, the Term SOFR Reference Rate for a tenor comparable to the applicable Interest Period on the day (such day, the **“Periodic Term SOFR Determination Day”**) that is two (2) U.S. Government Securities Business Days prior to the first day of such Interest Period, as such rate is published by the Term SOFR Administrator; provided, however, that if as of 5:00 p.m. (New York City time) on any Periodic Term SOFR Determination Day the Term SOFR Reference Rate for the applicable tenor has not been published by the Term SOFR Administrator and a Benchmark Replacement Date with respect to the Term SOFR Reference Rate has not occurred, then Term SOFR will be the Term SOFR Reference Rate for such tenor as published by the Term SOFR Administrator on the first preceding U.S. Government Securities Business Day for which such Term SOFR Reference Rate for such tenor was published by the Term SOFR Administrator so long as such first preceding U.S. Government Securities Business Day is not more than three (3) U.S. Government Securities Business Days prior to such Periodic Term SOFR Determination Day; and

(b) for any calculation with respect to an ABR Loan on any day, the Term SOFR Reference Rate for a tenor of one (1) month on the day (such day, the **“ABR Term SOFR Determination Day”**) that is two (2) U.S. Government Securities Business Days prior to such day, as such rate is published by the Term SOFR Administrator; provided, however, that if as of 5:00 p.m. (New York City time) on any ABR Term SOFR Determination Day the Term SOFR Reference Rate for the applicable tenor has not been published by the Term SOFR Administrator and a Benchmark Replacement Date with respect to the Term SOFR Reference Rate has not occurred, then Term SOFR will be the Term SOFR Reference Rate for such tenor as published by the Term SOFR Administrator on the first preceding U.S. Government Securities Business Day for which such Term SOFR Reference Rate for such tenor was published by the Term SOFR Administrator so long as such first preceding U.S. Government Securities Business Day is not more than three (3) U.S. Government Securities Business Days prior to such ABR SOFR Determination Day; provided that if Term SOFR shall ever be less than the Floor, then Term SOFR shall be deemed to be equal to the Floor.

“Term SOFR Administrator”: the CME Group Benchmark Administration Limited (CBA) (or a successor administrator of the Term SOFR Reference Rate selected by the Administrative Agent in its reasonable discretion).

“Term SOFR Reference Rate”: the forward-looking term rate based on SOFR.

“Term SOFR Borrowing”: as to any Borrowing, the Loans bearing interest at a rate based on Term SOFR comprising such Borrowing other than pursuant to clause (c) of the definition of “ABR”.

“Threshold Amount”: \$5,000,000.

“Total L/C Commitments”: at any time, the sum of all L/C Commitments at such time, as the same may be reduced from time to time pursuant to Section 2.10 or 3.5(b). The initial amount of the Total L/C Commitments on the Closing Date is \$20,000,000.

“Total Liabilities”: on any date of determination, obligations that should, under GAAP, be classified as liabilities on the Borrower’s consolidated balance sheet, including all Indebtedness.

“Total Revolving Commitments”: at any time, the aggregate amount of the Revolving Commitments then in effect.

“Total Revolving Extensions of Credit”: at any time, the aggregate amount of the Revolving Extensions of Credit outstanding at such time.

“Trade Date”: as defined in Section 10.6(b)(i)(B).

“Transferee”: any Eligible Assignee or Participant.

“Type”: as to any Loan, its nature as an ABR Loan or a SOFR Loan.

“UK Financial Institution”: any BRRD Undertaking (as such term is defined under the PRA Rulebook (as amended from time to time) promulgated by the United Kingdom Prudential Regulation Authority) or any person falling within IFPRU 11.6 of the FCA Handbook (as amended from time to time) promulgated by the United Kingdom Financial Conduct Authority, which includes certain credit institutions and investment firms, and certain affiliates of such credit institutions or investment firms.

“UK Resolution Authority”: the Bank of England or any other public administrative authority having responsibility for the resolution of any UK Financial Institution.

“Unadjusted Benchmark Replacement”: the applicable Benchmark Replacement excluding the related Benchmark Replacement Adjustment.

“Unfriendly Acquisition”: any acquisition that has not, at the time of the first public announcement of an offer relating thereto, been approved by the board of directors (or other legally recognized governing body) of the Person to be acquired; except that with respect to any acquisition of a non-U.S. Person, an otherwise friendly acquisition shall not be deemed to be unfriendly if it is not customary in such jurisdiction to obtain such approval prior to the first public announcement of an offer relating to a friendly acquisition.

“Uniform Commercial Code” or **“UCC”**: the Uniform Commercial Code (or any similar or equivalent legislation) as in effect from time to time in the State of New York, or as the context may require, any other applicable jurisdiction.

“United States” and **“U.S.”**: the United States of America.

“USCRO”: the U.S. Copyright Office.

“U.S. Government Securities Business Day”: any day except for (a) a Saturday, (b) a Sunday or (c) a day on which the Securities Industry and Financial Markets Association recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in United States government securities.

“**USPTO**”: the U.S. Patent and Trademark Office.

“**U.S. Person**”: any Person that is a “United States Person” as defined in Section 7701(a)(30) of the Code.

“**U.S. Tax Compliance Certificate**”: as defined in Section 2.20(f).

“**Withholding Agent**”: as applicable, any of any applicable Loan Party and the Administrative Agent, as the context may require.

“**Write-Down and Conversion Powers**”: (a) with respect to any EEA Resolution Authority, the write-down and conversion powers of such EEA Resolution Authority from time to time under the Bail-In Legislation for the applicable EEA Member Country, which write-down and conversion powers are described in the EU Bail-In Legislation Schedule, and (b) with respect to the United Kingdom, any powers of the applicable Resolution Authority under the Bail-In Legislation to cancel, reduce, modify or change the form of a liability of any UK Financial Institution or any contract or instrument under which that liability arises, to convert all or part of that liability into shares, securities or obligations of that person or any other person, to provide that any such contract or instrument is to have effect as if a right had been exercised under it or to suspend any obligation in respect of that liability or any of the powers under that Bail-In Legislation that are related to or ancillary to any of those powers.

1.2 Other Definitional Provisions.

(a) Unless otherwise specified therein, all terms defined in this Agreement shall have the defined meanings when used in the other Loan Documents or any certificate or other document made or delivered pursuant hereto or thereto.

(b) As used herein and in the other Loan Documents, and in any certificate or other document made or delivered pursuant hereto or thereto, (i) accounting terms relating to any Group Member not defined in Section 1.1 and accounting terms partly defined in Section 1.1, to the extent not defined, shall have the respective meanings given to them under GAAP, (ii) the words “include,” “includes” and “including” shall be deemed to be followed by the phrase “without limitation,” (iii) the word “incur” shall be construed to mean incur, create, issue, assume, become liable in respect of or suffer to exist (and the words “incurred” and “incurrence” shall have correlative meanings), (iv) the words “asset” and “property” shall be construed to have the same meaning and effect and to refer to any and all tangible and intangible assets and properties, including cash, Capital Stock, securities, revenues, accounts, leasehold interests and contract rights, (v) references to a given time of day shall, unless otherwise specified, be deemed to refer to Pacific time, and (vi) references to agreements (including this Agreement) or other Contractual Obligations shall, unless otherwise specified, be deemed to refer to such agreements or Contractual Obligations as amended, supplemented, restated, amended and restated or otherwise modified from time to time. Notwithstanding the foregoing clause (i), for purposes of determining compliance with any covenant (including the computation of any financial covenant) contained herein, Indebtedness of any Group Member shall be deemed to be carried at 100% of the outstanding principal amount thereof, and the effects of FASB ASC 825 and FASB ASC 470-20 on financial liabilities shall be disregarded.

(c) The words “**hereof**,” “**herein**” and “**hereunder**” and words of similar import, when used in this Agreement, shall refer to this Agreement as a whole and not to any particular provision of this Agreement, unless otherwise specified. The word “will” shall be construed to have the same

meaning and effect as the word “shall.” Unless the context requires otherwise, (i) any reference herein to any Person shall be construed to include such Person’s successors and assigns, (ii) all references herein to Articles, Sections, Exhibits and Schedules shall be construed to refer to Articles and Sections of, and Exhibits and Schedules to, this Agreement, and (iii) any reference to any law or regulation herein shall, unless otherwise specified, refer to such law or regulation as amended, modified or supplemented from time to time.

(d) The meanings given to terms defined herein shall be equally applicable to both the singular and plural forms of such terms. Whenever the context may require, any pronoun shall include the corresponding masculine, feminine and neuter forms.

(e) Any reference in any Loan Document to a merger, transfer, consolidation, amalgamation, consolidation, assignment, sale, disposition or transfer, or similar term, shall be deemed to apply to a Division of or by a limited liability company, or an allocation of assets to a series of a limited liability company (or the unwinding of such a Division or allocation), as if it were a merger, transfer, consolidation, amalgamation, consolidation, assignment, sale or transfer, or similar term, as applicable, to, of or with a separate Person. Any Division of a limited liability company shall constitute a separate Person under the Loan Documents (and each Division of any limited liability company that is a Subsidiary, joint venture or any other like term shall also constitute such a Person) on the first date of its existence. In connection with any Division, if any asset, right, obligation or liability of any Person becomes the asset, right, obligation or liability of a different Person, then such asset shall be deemed to have been transferred from the original Person to the subsequent Person.

1.3 Rounding. Any financial ratios required to be maintained by the Borrower pursuant to this Agreement shall be calculated by dividing the appropriate component by the other component, carrying the result to one place more than the number of places by which such ratio is expressed herein and rounding the result up or down to the nearest number (with a rounding-up if there is no nearest number).

1.4 Limited Condition Acquisition. In connection with any action being taken in connection with a Limited Condition Acquisition, for purposes of determining compliance with any provision of this Agreement which requires the calculation of any financial ratio or metric, the making of representations and warranties (other than any Specified Acquisition Agreement Representations and Specified Representations) and/or the determination of whether a Default or an Event of Default has occurred (other than any Specified Default), then, in each case, at the option of the Borrower (and, if the Borrower elects to exercise such option, such option shall be exercised on or prior to the date on which the definitive agreement for such Limited Condition Acquisition is executed) (the Borrower’s election to exercise such option in connection with any Limited Condition Acquisition, an “*LCA Election*”), then notwithstanding anything else to the contrary contained in this Agreement, the date of determination of whether any such action is permitted hereunder, shall be deemed to be the date the definitive agreements for such Limited Condition Acquisition are entered into (the “*LCA Test Date*”), and if, after giving pro forma effect to the Limited Condition Acquisition and the other transactions to be entered into in connection therewith (including any incurrence of Indebtedness and the use of proceeds thereof) as if they had occurred at the beginning of the most recent period of four fiscal quarters then ended prior to the LCA Test Date for which consolidated financial statements of the Borrower are available, the Borrower could have taken such action on the relevant LCA Test Date in compliance with such ratio or basket, and without breaching any such representations and warranties and without the occurrence of a Default or Event of Default, such ratio or basket shall be deemed to have been complied with, there shall not be deemed to have been a breach of any such representations and warranties and no such Default or Event of

Default will be deemed to have occurred. If the Borrower has made an LCA Election for any Limited Condition Acquisition, then in connection with any subsequent calculation of any basket availability with respect to the incurrence of Indebtedness, the grant of Liens, or the making of Investments, Restricted Payments, Dispositions, mergers and consolidations or other transfer of all or substantially all of the assets of any Group Member on or following the relevant LCA Test Date and prior to the earlier of the date on which such Limited Condition Acquisition is consummated or the definitive agreement for such Limited Condition Acquisition is terminated or expires without consummation of such Limited Condition Acquisition, any such ratio or basket shall be calculated on a Pro Forma Basis assuming both that such Limited Condition Acquisition and other transactions in connection therewith (including any incurrence of Indebtedness and the use of proceeds thereof) have been consummated and have not been consummated.

1.5 Rates. The Administrative Agent does not warrant or accept responsibility for, and shall not have any liability with respect to, (a) the continuation of, administration of, submission of, calculation of or any other matter related to ABR, Term SOFR Reference Rate, Term SOFR, or any component definition thereof or rates referred to in the definition thereof, or any alternative, successor or replacement rate thereto (including any Benchmark Replacement), including whether the composition or characteristics of any such alternative, successor or replacement rate (including any Benchmark Replacement) will be similar to, or produce the same value or economic equivalence of, or have the same volume or liquidity as, ABR, Term SOFR Reference Rate, Term SOFR, or any other Benchmark prior to its discontinuance or unavailability, or (b) the effect, implementation or composition of any Conforming Changes. The Administrative Agent and its affiliates or other related entities may engage in transactions that affect the calculation of ABR, Term SOFR Reference Rate, Term SOFR, any alternative, successor or replacement rate (including any Benchmark Replacement) or any relevant adjustments thereto, in each case, in a manner adverse to the Borrower. The Administrative Agent may select information sources or services in its reasonable discretion to ascertain ABR, Term SOFR Reference Rate, Term SOFR, or any other Benchmark, in each case, pursuant to the terms of this Agreement, and shall have no liability to the Borrower, any Lender or any other Person for damages of any kind, including direct or indirect, special, punitive, incidental or consequential damages, costs, losses or expenses (whether in tort, contract or otherwise and whether at law or in equity), for any error or calculation of any such rate (or component thereof) provided by any such information source or service.

SECTION 2 AMOUNT AND TERMS OF COMMITMENTS

2.1 [Reserved].

2.2 [Reserved].

2.3 [Reserved].

2.4 Revolving Commitments.

(a) Subject to the terms and conditions hereof, each Revolving Lender severally agrees to make revolving credit loans (each, a “*Revolving Loan*” and, collectively, the “*Revolving Loans*”) to the Borrower from time to time during the Revolving Commitment Period in an aggregate principal amount at any one time outstanding which, when added to the aggregate outstanding amount of the Swingline Loans, the aggregate undrawn amount of all outstanding Letters of Credit, the aggregate amount of all L/C Disbursements that have not yet been reimbursed or converted into Revolving Loans or

Swingline Loans, incurred on behalf of the Borrower and owing to such Lender, does not exceed the amount of such Lender's Revolving Commitment. In addition, such aggregate obligations shall not at any time exceed the Total Revolving Commitments in effect at such time. During the Revolving Commitment Period the Borrower may use the Revolving Commitments by borrowing, prepaying the Revolving Loans in whole or in part, and reborrowing, all in accordance with the terms and conditions hereof. The Revolving Loans may from time to time be SOFR Loans or ABR Loans, as determined by the Borrower and notified to the Administrative Agent in accordance with Sections 2.5 and 2.13.

(b) The Borrower shall repay all outstanding Revolving Loans on the Revolving Termination Date.

2.5 Procedure for Revolving Loan Borrowing. The Borrower may borrow under the Revolving Commitments during the Revolving Commitment Period on any Business Day; provided that the Borrower shall give the Administrative Agent an irrevocable Notice of Borrowing (which must be received by the Administrative Agent prior to 10:00 A.M. (a) three U.S. Government Securities Business Days prior to the requested Borrowing Date, in the case of SOFR Loans, or (b) one (1) Business Day prior to the requested Borrowing Date, in the case of ABR Loans) (provided that any such Notice of Borrowing of ABR Loans under the Revolving Facility to finance payments under Section 3.5(a) may be given not later than 10:00 A.M. on the date of the proposed borrowing), in each such case specifying (i) the amount and Type of Revolving Loans to be borrowed, (ii) the requested Borrowing Date, (iii) the respective amounts of each such Type of Loan, (iv) in the case of SOFR Loans, the respective lengths of the initial Interest Period therefor, and (v) instructions for remittance of the proceeds of the applicable Loans to be borrowed. If no Interest Period is specified with respect to any requested SOFR Loan, the Borrower shall be deemed to have selected an Interest Period of one (1) month's duration. Each borrowing under the Revolving Commitments shall be in an amount equal to in the case of ABR Loans or SOFR Loans, \$1,000,000 or a whole multiple of \$100,000 in excess thereof (or, if the then Available Revolving Commitment is less than \$1,000,000, such lesser amount); provided that the Swingline Lender may request, on behalf of the Borrower, borrowings under the Revolving Commitments that are ABR Loans in other amounts pursuant to Section 2.7. Upon receipt of any such Notice of Borrowing from the Borrower, the Administrative Agent shall promptly notify each Revolving Lender thereof. Each Revolving Lender will make the amount of its *pro rata* share of each such borrowing available to the Administrative Agent for the account of the Borrower at the Revolving Loan Funding Office prior to 10:00 A.M. on the Borrowing Date requested by the Borrower in funds immediately available to the Administrative Agent. Such borrowing will then be made available to the Borrower by the Administrative Agent crediting such account as is designated in writing to the Administrative Agent by the Borrower with the aggregate of the amounts made available to the Administrative Agent by the Revolving Lenders and in like funds as received by the Administrative Agent.

2.6 Swingline Commitment. Subject to the terms and conditions hereof, the Swingline Lender agrees to make available a portion of the credit accommodations otherwise available to the Borrower under the Revolving Commitments from time to time during the Revolving Commitment Period by making swing line loans (each a "*Swingline Loan*" and, collectively, the "*Swingline Loans*") to the Borrower; provided that (a) the aggregate principal amount of Swingline Loans outstanding at any time shall not exceed the Swingline Commitment then in effect, (b) the Borrower shall not request, and the Swingline Lender shall not make, any Swingline Loan if, after giving effect to the making of such Swingline Loan, the Available Revolving Commitment would be less than zero, and (c) the Borrower shall not use the proceeds of any Swingline Loan to refinance any then outstanding Swingline Loan. During the Revolving Commitment Period, the Borrower may use the Swingline Commitment by borrowing, repaying and reborrowing, all in accordance with the terms and conditions hereof. Swingline

Loans shall be ABR Loans only. The Borrower shall repay to the Swingline Lender the then unpaid principal amount of each Swingline Loan on the Revolving Termination Date. The Swingline Lender shall not make a Swingline Loan during the period commencing at the time it has received notice (by telephone or in writing) from the Administrative Agent at the request of any Lender, acting in good faith, that one or more of the applicable conditions specified in Section 5.2 (other than Section 5.2(c)) is not then satisfied and has had a reasonable opportunity to react to such notice and ending when such conditions are satisfied or duly waived.

2.7 Procedure for Swingline Borrowing; Refunding of Swingline Loans.

(a) Whenever the Borrower desires that the Swingline Lender make Swingline Loans the Borrower shall give the Swingline Lender irrevocable telephonic notice (which telephonic notice must be received by the Swingline Lender not later than 10:00 A.M. on the proposed Borrowing Date) confirmed promptly in writing by a Notice of Borrowing, specifying (i) the amount to be borrowed, (ii) the requested Borrowing Date (which shall be a Business Day during the Revolving Commitment Period), and (iii) instructions for the remittance of the proceeds of such Loan. Each borrowing under the Swingline Commitment shall be in an amount equal to \$100,000 or a whole multiple of \$100,000 in excess thereof. Promptly thereafter, on the Borrowing Date specified in a notice in respect of Swingline Loans, the Swingline Lender shall make available to the Borrower an amount in immediately available funds equal to the amount of the Swingline Loan to be made by depositing such amount in the account designated in writing to the Administrative Agent by the Borrower. Unless a Swingline Loan is sooner refinanced by the advance of a Revolving Loan pursuant to Section 2.7(b), such Swingline Loan shall be repaid by the Borrower no later than 5 Business Days after the advance of such Swingline Loan.

(b) The Swingline Lender, at any time and from time to time in its sole and absolute discretion may, on behalf of the Borrower (which hereby irrevocably directs the Swingline Lender to act on its behalf), on 1 Business Day's telephonic notice given by the Swingline Lender no later than 10:00 A.M. and promptly confirmed in writing, request each Revolving Lender to make, and each Revolving Lender hereby agrees to make, a Revolving Loan, in an amount equal to such Revolving Lender's Revolving Percentage of the aggregate amount of such Swingline Loan (each a "**Refunded Swingline Loan**") outstanding on the date of such notice, to repay the Swingline Lender. Each Revolving Lender shall make the amount of such Revolving Loan available to the Administrative Agent at the Revolving Loan Funding Office in immediately available funds, not later than 10:00 A.M. 1 Business Day after the date of such notice. The proceeds of such Revolving Loan shall immediately be made available by the Administrative Agent to the Swingline Lender for application by the Swingline Lender to the repayment of the Refunded Swingline Loan. The Borrower irrevocably authorizes the Swingline Lender to charge the Borrower's accounts with the Administrative Agent (up to the amount available in each such account) immediately to pay the amount of any Refunded Swingline Loan to the extent amounts received from the Revolving Lenders are not sufficient to repay in full such Refunded Swingline Loan.

(c) If prior to the time that the Borrower has repaid the Swingline Loans pursuant to Section 2.7(a) or a Revolving Loan has been made pursuant to Section 2.7(b), one of the events described in Section 8.1(f) shall have occurred or if for any other reason, as determined by the Swingline Lender in its sole discretion, Revolving Loans may not be made as contemplated by Section 2.7(b), each Revolving Lender shall, on the date such Revolving Loan was to have been made pursuant to the notice referred to in Section 2.7(b) or on the date requested by the Swingline Lender (with at least 1 Business Day notice to the Revolving Lenders), purchase for cash an undivided participating interest in the then outstanding Swingline Loans by paying to the Swingline Lender an amount (the "**Swingline Participation Amount**")

equal to (i) such Revolving Lender's Revolving Percentage times (ii) the sum of the aggregate principal amount of the outstanding Swingline Loans that were to have been repaid with such Revolving Loans.

(d) Whenever, at any time after the Swingline Lender has received from any Revolving Lender such Lender's Swingline Participation Amount, the Swingline Lender receives any payment on account of the Swingline Loans, the Swingline Lender will distribute to such Lender its Swingline Participation Amount (appropriately adjusted, in the case of interest payments, to reflect the period of time during which such Lender's participating interest was outstanding and funded and, in the case of principal and interest payments, to reflect such Lender's pro rata portion of such payment if such payment is not sufficient to pay the principal of and interest on all Swingline Loans then due); provided that in the event that such payment received by the Swingline Lender is required to be returned, such Revolving Lender will return to the Swingline Lender any portion thereof previously distributed to it by the Swingline Lender.

(e) Each Revolving Lender's obligation to make the Loans referred to in Section 2.7(b) and to purchase participating interests pursuant to Section 2.7(c) shall be absolute and unconditional and shall not be affected by any circumstance, including (i) any setoff, counterclaim, recoupment, defense or other right that such Revolving Lender or the Borrower may have against the Swingline Lender, the Borrower or any other Person for any reason whatsoever, (ii) the occurrence of a Default or an Event of Default or the failure to satisfy any of the other conditions specified in Section 5, (iii) any adverse change in the condition (financial or otherwise) of the Borrower, (iv) any breach of this Agreement or any other Loan Document by the Borrower, any other Loan Party or any other Revolving Lender, or (v) any other circumstance, happening or event whatsoever, whether or not similar to any of the foregoing.

(f) The Swingline Lender may resign at any time by giving 30 days' prior notice to the Administrative Agent, the Lenders and the Borrower. Following such notice of resignation from the Swingline Lender, the Swingline Lender may be replaced at any time by written agreement among the Borrower, the Administrative Agent, the Required Lenders and the successor Swingline Lender. After the resignation or replacement of the Swingline Lender hereunder, the retiring Swingline Lender shall remain a party hereto and shall continue to have all the rights and obligations of the Swingline Lender under this Agreement and the other Loan Documents with respect to Swingline Loans made by it prior to such resignation or replacement, but shall not be required or permitted to make any additional Swingline Loans.

2.8 [Reserved].

2.9 Fees.

(a) Fee Letter. The Borrower agrees to pay to the Administrative Agent the fees in the amounts and on the dates as set forth in the Fee Letter and to perform any other obligations contained therein.

(b) Commitment Fee. As additional compensation for the Revolving Commitments, the Borrower shall pay to the Administrative Agent for the account of the Lenders, in arrears, on the first day of each fiscal quarter prior to the Revolving Termination Date and on the Revolving Termination Date, a fee for the Borrower's non-use of available funds in an amount equal to the Commitment Fee Rate per annum multiplied by the difference between (x) the Total Revolving Commitments (as they may be reduced or increased from time to time) and (y) the sum of (A) the average for the period of the daily

closing balance of the Revolving Loans excluding the aggregate principal amount of Swingline Loans which shall be deemed to be zero for purposes hereof, (B) the aggregate undrawn amount of all Letters of Credit outstanding at such time and (C) the aggregate amount of all L/C Disbursements that have not yet been reimbursed or converted into Revolving Loans or Swingline Loans at such time.

(c) Fees Nonrefundable. All fees payable under this Section 2.9 shall be fully earned on the date paid and nonrefundable.

(d) Increase in Fees. At any time that an Event of Default exists, the amount of any of the foregoing fees due under subsection (b) that are overdue shall be increased by adding 2.0% per annum thereto.

2.10 Termination or Reduction of Revolving Commitments.

The Borrower shall have the right, upon not less than 3 Business Days' notice to the Administrative Agent, to terminate the Revolving Commitments or, from time to time, to reduce the amount of the Revolving Commitments; provided that no such termination or reduction of the Revolving Commitments shall be permitted if, after giving effect thereto and to any prepayments of the Revolving Loans and Swingline Loans made on the effective date thereof, the Total Revolving Extensions of Credit then outstanding would exceed the Total Revolving Commitments then in effect; provided, further that if such notice indicates that such termination or reduction is conditioned on the occurrence of a transaction it may be revoked if such transaction is not consummated. Any such reduction shall be in an amount equal to \$1,000,000, or a whole multiple thereof (or, if the then Total Revolving Commitments are less than \$1,000,000, such lesser amount), and shall reduce permanently the Revolving Commitments then in effect; provided further, if in connection with any such reduction or termination of the Revolving Commitments a SOFR Loan is prepaid on any day other than the last day of the Interest Period applicable thereto, the Borrower shall also pay any amounts owing (if any) pursuant to Section 2.21. The Borrower shall have the right, without penalty or premium, upon not less than 3 Business Days' notice to the Administrative Agent, to terminate the L/C Commitments or, from time to time, to reduce the amount of the L/C Commitments; provided that no such termination or reduction of L/C Commitments shall be permitted if, after giving effect thereto, the Total L/C Commitments shall be reduced to an amount that would result in the aggregate L/C Exposure exceeding the Total L/C Commitments (as so reduced); provided, further that if such notice indicates that such termination or reduction is conditioned on the occurrence of a transaction it may be revoked if such transaction is not consummated. Any such reduction shall be in an amount equal to \$1,000,000, or a whole multiple thereof (or, if the then Total L/C Commitments are less than \$1,000,000, such lesser amount), and shall reduce permanently the L/C Commitments then in effect.

2.11 Optional Loan Prepayments.

The Borrower may at any time and from time to time prepay the Loans, in whole or in part, without premium or penalty, upon irrevocable notice delivered to the Administrative Agent no later than 10:00 A.M. 3 U.S. Government Securities Business Days prior thereto, in the case of SOFR Loans, and no later than 10:00 A.M. 1 Business Day prior thereto, in the case of ABR Loans, which notice shall specify the date and amount of the proposed prepayment; provided that if a SOFR Loan is prepaid, in whole or in part, on any day other than the last day of the Interest Period applicable thereto, the Borrower shall also pay any amounts owing pursuant to Section 2.21; provided further that if such notice of prepayment indicates that such prepayment is to be funded with the proceeds of a refinancing, such notice of prepayment may be revoked if the financing is not consummated. Upon receipt of any such notice the

Administrative Agent shall promptly notify each relevant Lender thereof. If any such notice is given, the amount specified in such notice shall be due and payable on the date specified therein, together with (except in the case of Revolving Loans that are ABR Loans and Swingline Loans) accrued interest to such date on the amount prepaid. Partial prepayments of Loans other than Swingline Loans shall be in an aggregate principal amount of \$100,000 or a whole multiple thereof (other than in the case of a prepayment of all Loans outstanding at such time). Partial prepayments of Swingline Loans shall be in an aggregate principal amount of \$100,000 or a whole multiple thereof (other than in the case of a prepayment of all Swingline Loans outstanding at such time).

2.12 [Reserved].

2.13 Conversion and Continuation Options.

(a) The Borrower may elect from time to time to convert SOFR Loans to ABR Loans by giving the Administrative Agent prior notice in a Notice of Conversion/Continuation of such election no later than 10:00 A.M. one (1) Business Day prior to the proposed conversion date; provided that any such conversion of SOFR Loans may only be made on the last day of an Interest Period with respect thereto. The Borrower may elect from time to time to convert ABR Loans to SOFR Loans by giving the Administrative Agent prior notice in a Notice of Conversion/Continuation of such election no later than 10:00 A.M. three (3) U.S. Government Securities Business Days prior to the proposed conversion date (which notice shall specify the length of the initial Interest Period therefor); provided that no ABR Loan may be converted into a SOFR Loan when any Event of Default has occurred and is continuing. Upon receipt of any such notice, the Administrative Agent shall promptly notify each relevant Lender thereof. If no Interest Period is specified with respect to any SOFR Loan in a Notice of Conversion/Continuation delivered by the Borrower to the Administrative Agent, the Borrower shall be deemed to have selected an Interest Period of one month's duration.

(b) The Borrower may elect from time to time to continue any SOFR Loan by giving the Administrative Agent prior notice of such election in a Notice of Conversion/Continuation, in accordance with the applicable provisions of the term "Interest Period" set forth in Section 1.1, of the length of the next Interest Period to be applicable to such SOFR Loan; provided that no SOFR Loan may be continued as such when any Event of Default has occurred and is continuing; provided further that (x) if the Borrower shall fail to give any required notice as described above in this paragraph, upon the expiration of the then current Interest Period, such SOFR Loans shall be automatically continued as SOFR Loans bearing interest at a rate based upon Term SOFR and with an Interest Period of the same length as then expiring Interest Period or (y) if such continuation is not permitted pursuant to the preceding proviso, such SOFR Loans shall be automatically converted to ABR Loans on the last day of such then expiring Interest Period. Upon receipt of any such notice the Administrative Agent shall promptly notify each relevant Lender thereof.

(c) After the occurrence and during the continuance of an Event of Default, (i) the Borrower may not elect to have a Loan be made or continued as, or converted to, a SOFR Loan after the expiration of any Interest Period then in effect for such Loan and (ii), any Notice of Conversion/Continuation given by the Borrower with respect to a requested conversion/continuation that has not yet occurred shall, at the Administrative Agent's option, be deemed to be rescinded by the Borrower and be deemed a request to convert or continue Loans referred to therein as ABR Loans.

2.14 Limitations on SOFR Tranches. Notwithstanding anything to the contrary in this Agreement, all borrowings, conversions and continuations of SOFR Loans and all selections of Interest

Periods shall be in such amounts and be made pursuant to such elections so that, (a) after giving effect thereto, the aggregate principal amount of the SOFR Loans comprising each SOFR Tranche shall be equal to \$1,000,000 or a whole multiple of \$100,000 in excess thereof and (b) no more than seven SOFR Tranches shall be outstanding at any one time.

2.15 Interest Rates and Payment Dates

(a) Each SOFR Loan shall bear interest at a rate per annum equal to Term SOFR for the Interest Period therefor plus the Applicable Margin.

(b) Each ABR Loan (including any Swingline Loan) shall bear interest at a rate per annum equal to (i) the ABR plus (ii) the Applicable Margin.

(c) During the continuance of an Event of Default, all overdue amounts owing under the Loan Documents shall bear interest at a rate per annum equal to the rate that would otherwise be applicable thereto pursuant to the foregoing provisions of this Section plus 2.00% (the “*Default Rate*”).

(d) Interest shall be payable in arrears on each Interest Payment Date; provided that (x) interest accruing pursuant to Section 2.15(c) shall be payable from time to time within one (1) Business Day after demand therefor (or such longer period as the Administrative Agent may agree in its sole discretion) and (y) in the event of any conversion of any SOFR Loan prior to the end of the Interest Period therefor, accrued interest on such SOFR Loan and any amounts owing pursuant to Section 2.21 shall be payable on the effective date of such conversion.

2.16 Computation of Interest and Fees; Conforming Changes.

(a) Interest and fees payable pursuant hereto shall be calculated on the basis of a 360-day year for the actual days elapsed, except that, with respect to ABR Loans the rate of interest on which is calculated on the basis of the Prime Rate, the interest thereon shall be calculated on the basis of a 365- (or 366-, as the case may be) day year for the actual days elapsed. All interest hereunder on any Loan shall be computed on a daily basis based upon the outstanding principal amount of such Loan as of the applicable date of determination. Any change in the interest rate on a Loan resulting from a change in the ABR shall become effective as of the opening of business on the day on which such change becomes effective. The Administrative Agent shall as soon as practicable notify the Borrower and the relevant Lenders of the effective date and the amount of each such change in interest rate.

(b) Each determination of an interest rate by the Administrative Agent pursuant to any provision of this Agreement shall be conclusive and binding on the Borrower and the Lenders in the absence of manifest error. The Administrative Agent shall, at the request of the Borrower, deliver to the Borrower a statement showing the quotations used by the Administrative Agent in determining any interest rate pursuant to Section 2.16(a).

(c) In connection with the use or administration of any Benchmark, the Administrative Agent, in consultation with the Borrower, shall have the right to make Conforming Changes from time to time and, notwithstanding anything to the contrary herein or in any other Loan Document, any amendments implementing such Conforming Changes shall become effective without any further action or consent of any other party to this Agreement or any other Loan Document. The Administrative Agent will promptly notify the Borrower and the Lenders of the effectiveness of any Conforming Changes in connection with the use or administration of such Benchmark.

2.17 Inability to Determine Interest Rate.

(a) Inability to Determine Interest Rate. Subject to Section 2.17(b), if, as of any date:

(i) the Administrative Agent determines (which determination shall be conclusive and binding absent manifest error) that “Term SOFR” cannot be determined pursuant to the definition thereof, or

(ii) the Required Lenders determine that for any reason, in connection with any request for a SOFR Loan or a conversion thereto or a continuation thereof that “Term SOFR” for any requested Interest Period with respect to a proposed SOFR Loan does not adequately and fairly reflect the cost to such Lenders of making and maintaining such Loan, and the Required Lenders have provided notice of such determination to the Administrative Agent,

the Administrative Agent will promptly so notify the Borrower and each Lender. Upon notice thereof by the Administrative Agent to the Borrower, any obligation of the Lenders to make and any right of the Borrower to continue SOFR Loans or to convert ABR Loans to SOFR Loans shall be suspended (to the extent of the affected SOFR Loans or, in the case of a Term SOFR Borrowing, the affected Interest Periods) until the Administrative Agent (with respect to clause (ii), at the instruction of the Required Lenders) revokes such notice. Upon receipt of such notice, (i) the Borrower may revoke any pending request for a borrowing of, conversion to or continuation of SOFR Loans (to the extent of the affected SOFR Loans or, in the case of a Term SOFR Borrowing, the affected Interest Periods) or, failing that, the Borrower will be deemed to have converted any such request into a request for a Borrowing of or conversion to ABR Loans in the amount specified therein and (ii) any outstanding affected SOFR Loans will be deemed to have been converted into ABR Loans immediately or, in the case of a Term SOFR Borrowing, at the end of the applicable Interest Period. Upon any such conversion, the Borrower shall also pay accrued interest on the amount so converted, together with any additional amounts required pursuant to Section 2.21. Subject to Section 2.17(b), if the Administrative Agent determines (which determination shall be conclusive and binding absent manifest error) that “Adjusted Term SOFR” cannot be determined pursuant to the definition thereof, in each case on any given day, the interest rate on ABR Loans shall be determined by the Administrative Agent without reference to clause (c) of the definition of “ABR” until the Administrative Agent revokes such determination.

(b) Benchmark Replacement Setting.

(i) Benchmark Replacement. Notwithstanding anything to the contrary herein or in any other Loan Document, if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior any setting of the then-current Benchmark, then (x) if a Benchmark Replacement is determined in accordance with clause (a) of the definition of “Benchmark Replacement” for such Benchmark Replacement Date, such Benchmark Replacement will replace such Benchmark for all purposes hereunder and under any Loan Document in respect of such Benchmark setting and subsequent Benchmark settings without any amendment to, or further action or consent of any other party to, this Agreement or any other Loan Document and (y) if a Benchmark Replacement is determined in accordance with clause (b) of the definition of “Benchmark Replacement” for such Benchmark Replacement Date, such Benchmark Replacement will replace such Benchmark for all purposes hereunder and under any Loan Document in respect of any Benchmark setting at or after 5:00 p.m. (New York City time) on the fifth (5th) Business Day after the date notice of such Benchmark Replacement is provided to the affected Lenders without any amendment to, or further action or consent of any other party to, this Agreement or any other Loan Document so long as the Administrative Agent

has not received, by such time, written notice of objection to such Benchmark Replacement from Lenders comprising the Required Lenders. If the Benchmark Replacement is Daily Simple SOFR, all interest payments will be payable on a monthly basis.

(ii) Benchmark Replacement Conforming Changes. In connection with the use, administration, adoption or implementation of a Benchmark Replacement, the Administrative Agent (in consultation with the Borrower) will have the right to make Conforming Changes from time to time and, notwithstanding anything to the contrary herein or in any other Loan Document, any amendments implementing such Conforming Changes will become effective without any further action or consent of any other party to this Agreement or any other Loan Document.

(iii) Notices; Standards for Decisions and Determinations. The Administrative Agent will promptly notify the Borrower and the Lenders of (i) the implementation of any Benchmark Replacement and (ii) the effectiveness of any Conforming Changes in connection with the use, administration, adoption or implementation of a Benchmark Replacement. The Administrative Agent will notify the Borrower of (x) the removal or reinstatement of any tenor of a Benchmark pursuant to Section 2.17(b)(iv) and (y) the commencement of any Benchmark Unavailability Period. Any determination, decision or election that may be made by the Administrative Agent or, if applicable, any Lender (or group of Lenders) pursuant to this Section 2.17(b), including any determination with respect to a tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection, will be conclusive and binding absent manifest error and may be made in its or their sole discretion and without consent from any other party to this Agreement or any other Loan Document, except, in each case, as expressly required pursuant to this Section 2.17(b).

(iv) Unavailability of Tenor of Benchmark. Notwithstanding anything to the contrary herein or in any other Loan Document, at any time (including in connection with the implementation of a Benchmark Replacement), (i) if the then-current Benchmark is a term rate (including Term SOFR Reference Rate) and either (A) any tenor for such Benchmark is not displayed on a screen or other information service that publishes such rate from time to time as selected by the Administrative Agent in its reasonable discretion or (B) the regulatory supervisor for the administrator of such Benchmark has provided a public statement or publication of information announcing that any tenor for such Benchmark is not or will not be representative, then the Administrative Agent may modify the definition of “Interest Period” (or any similar or analogous definition) for any Benchmark settings at or after such time to remove such unavailable or non-representative tenor and (ii) if a tenor that was removed pursuant to clause (i) above either (A) is subsequently displayed on a screen or information service for a Benchmark (including a Benchmark Replacement) or (B) is not, or is no longer, subject to an announcement that it is not or will not be representative for a Benchmark (including a Benchmark Replacement), then the Administrative Agent may modify the definition of “Interest Period” (or any similar or analogous definition) for all Benchmark settings at or after such time to reinstate such previously removed tenor.

(v) Benchmark Unavailability Period. Upon the Borrower’s receipt of notice of the commencement of a Benchmark Unavailability Period, the Borrower may revoke any pending request for a SOFR Borrowing of, conversion to or continuation of SOFR Loans to be made, converted or continued during any Benchmark Unavailability Period and, failing that, (i) the Borrower will be deemed to have converted any such request into a request for a Borrowing of or conversion to ABR Loans and (ii) any outstanding affected SOFR Loans will be deemed to have been converted into ABR Loans at the end of the applicable Interest Period. During any Benchmark Unavailability Period or at any time that a tenor

for the then-current Benchmark is not an Available Tenor, the component of ABR based upon the then-current Benchmark or such tenor for such Benchmark, as applicable, will not be used in any determination of ABR.

2.18 Pro Rata Treatment and Payments.

(a) Each borrowing by the Borrower from the Lenders hereunder, each payment by the Borrower on account of any commitment fee and any reduction of the Commitments shall be made *pro rata* according to the respective L/C Percentages or Revolving Percentages, as the case may be, of the relevant Lenders.

(b) [Reserved]

(c) Each payment (including each prepayment) by the Borrower on account of principal of and interest on the Revolving Loans shall be made *pro rata* according to the respective outstanding principal amounts of the Revolving Loans then held by the Revolving Lenders.

(d) All payments (including prepayments) to be made by the Borrower hereunder, whether on account of principal, interest, fees or otherwise, shall be made without condition or deduction for any counterclaim, defense, recoupment or setoff and shall be made prior to 10:00 A.M. on the due date thereof to the Administrative Agent, for the account of the Lenders, at the applicable Funding Office, in Dollars and in immediately available funds. The Administrative Agent shall distribute such payments to the Lenders promptly upon receipt in like funds as received. Any payment received by the Administrative Agent after 10:00 A.M. shall be deemed received on the next succeeding Business Day and any applicable interest or fee shall continue to accrue. If any payment hereunder (other than payments on the SOFR Loans) becomes due and payable on a day other than a Business Day, such payment shall be extended to the next succeeding Business Day. If any payment on a SOFR Loan becomes due and payable on a day other than a Business Day, the maturity thereof shall be extended to the next succeeding Business Day unless the result of such extension would be to extend such payment into another calendar month, in which event such payment shall be made on the immediately preceding Business Day. In the case of any extension of any payment of principal pursuant to the preceding two sentences, interest thereon shall be payable at the then applicable rate during such extension.

(e) Unless the Administrative Agent shall have been notified in writing by any Lender prior to the proposed date of any borrowing that such Lender will not make the amount that would constitute its share of such borrowing available to the Administrative Agent, the Administrative Agent may assume that such Lender has made such amount available to the Administrative Agent on such date in accordance with Section 2, and the Administrative Agent may, in reliance upon such assumption, make available to the Borrower a corresponding amount. If such amount is not in fact made available to the Administrative Agent by the required time on the Borrowing Date therefor, such Lender and the Borrower severally agree to pay to the Administrative Agent forthwith, on demand, such corresponding amount with interest thereon, for each day from and including the date on which such amount is made available to the Borrower but excluding the date of payment to the Administrative Agent, at (i) in the case of a payment to be made by such Lender, a rate equal to the greater of (A) the Federal Funds Effective Rate and (B) a rate determined by the Administrative Agent in accordance with banking industry rules on interbank compensation, and (ii) in the case of a payment to be made by the Borrower, the rate per annum applicable to ABR Loans. If the Borrower and such Lender shall pay such interest to the Administrative Agent for the same or an overlapping period, the Administrative Agent shall promptly remit to the Borrower the amount of such interest paid by the Borrower for such period. If such Lender pays its share

of the applicable borrowing to the Administrative Agent, then the amount so paid shall constitute such Lender's Loan included in such borrowing. Any payment by the Borrower shall be without prejudice to any claim the Borrower may have against a Lender that shall have failed to make such payment to the Administrative Agent.

(f) Unless the Administrative Agent shall have received notice from the Borrower prior to the date on which any payment is due to the Administrative Agent for the account of the Lenders or the Issuing Lender hereunder that the Borrower will not make such payment, the Administrative Agent may assume that the Borrower has made such payment on such date in accordance herewith and may, in reliance upon such assumption, distribute to the Lenders or the Issuing Lender, as the case may be, the amount due. In such event, if the Borrower has not in fact made such payment, then each of the Lenders or the Issuing Lender, as the case may be, severally agrees to repay to the Administrative Agent forthwith on demand the amount so distributed to such Lender or Issuing Lender, with interest thereon, for each day from and including the date such amount is distributed to it to but excluding the date of payment to the Administrative Agent, at the greater of the Federal Funds Effective Rate and a rate determined by the Administrative Agent in accordance with banking industry rules on interbank compensation. Nothing herein shall be deemed to limit the rights of Administrative Agent or any Lender against any Loan Party.

(g) If any Lender makes available to the Administrative Agent funds for any Loan to be made by such Lender as provided in the foregoing provisions of this Section 2, and such funds are not made available to the Borrower by the Administrative Agent because the conditions to the applicable extension of credit set forth in Section 5.1 or Section 5.2 are not satisfied or waived in accordance with the terms hereof, the Administrative Agent shall return such funds (in like funds as received from such Lender) to such Lender, without interest.

(h) The obligations of the Lenders hereunder to (i) make Revolving Loans, (ii) fund its participations in L/C Disbursements in accordance with its respective L/C Percentage, (iii) fund its respective Swingline Participation Amount of any Swingline Loan, and (iv) make payments pursuant to Section 9.7, as applicable, are several and not joint. The failure of any Lender to make any such Loan, to fund any such participation or to make any such payment under Section 9.7 on any date required hereunder shall not relieve any other Lender of its corresponding obligation to do so on such date, and no Lender shall be responsible for the failure of any other Lender to so make its Loan, to purchase its participation or to make its payment under Section 9.7.

(i) Nothing herein shall be deemed to obligate any Lender to obtain the funds for any Loan in any particular place or manner or to constitute a representation by any Lender that it has obtained or will obtain the funds for any Loan in any particular place or manner.

(j) If at any time insufficient funds are received by and available to the Administrative Agent to pay fully all amounts of principal, interest and fees then due hereunder, such funds shall be applied (i) first, toward payment of interest and fees then due hereunder, ratably among the parties entitled thereto in accordance with the amounts of interest and fees then due to such parties, and (ii) second, toward payment of principal then due hereunder, ratably among the parties entitled thereto in accordance with the amounts of principal then due to such parties.

(k) If any Lender shall obtain any payment (whether voluntary, involuntary, through the exercise of any right of set-off, or otherwise) on account of the principal of or interest on any Loan made by it, its participation in the L/C Exposure or other obligations hereunder, as applicable (other than pursuant to a provision hereof providing for non-pro rata treatment), in excess of its Revolving Percentage

or L/C Percentage, as applicable, of such payment on account of the Loans or participations obtained by all of the Lenders, such Lender shall (a) notify the Administrative Agent of the receipt of such payment, and (b) within 5 Business Days of such receipt purchase (for cash at face value) from the other Revolving Lenders or L/C Lenders, as applicable (through the Administrative Agent), without recourse, such participations in the Revolving Loans made by them and/or participations in the L/C Exposure held by them, as applicable, or make such other adjustments as shall be equitable, as shall be necessary to cause such purchasing Lender to share the excess payment ratably with each of the other Lenders in accordance with their respective Revolving Percentages or L/C Percentages, as applicable; provided, however, that (i) if any such participations are purchased and all or any portion of the payment giving rise thereto is recovered, such participations shall be rescinded and the purchase price restored to the extent of such recovery, without interest and (ii) the provisions of this clause (k) shall not be construed to apply to (x) any payment made by the Borrower pursuant to and in accordance with the express terms of this Agreement (including the application of funds arising from the existence of a Defaulting Lender) or (y) any payment obtained by a Lender as consideration for the assignment or sale of a participation in any of its Loans or participations in L/C Disbursements to any assignee or participant, other than to the Borrower or any of its Affiliates (as to which the provisions of this clause (k) shall apply). The Borrower agrees that any Lender so purchasing a participation from another Lender pursuant to this Section 2.18(k) may exercise all its rights of payment (including the right of set-off) with respect to such participation as fully as if such Lender were the direct creditor of the Borrower in the amount of such participation. No documentation other than notices and the like referred to in this Section 2.18(k) shall be required to implement the terms of this Section 2.18(k). The Administrative Agent shall keep records (which shall be conclusive and binding in the absence of manifest error) of participations purchased pursuant to this Section 2.18(k) and shall in each case notify the Revolving Lenders or the L/C Lenders, as applicable, following any such purchase. The provisions of this Section 2.18(k) shall not be construed to apply to (i) any payment made by or on behalf of the Borrower pursuant to and in accordance with the express terms of this Agreement (including the application of funds arising from the existence of a Defaulting Lender), (ii) the application of Cash Collateral provided for in Section 3.10, or (iii) any payment obtained by a Lender as consideration for the assignment of or sale of a participation in any of its Loans or sub-participations in any L/C Exposure to any assignee or participant, other than an assignment to the Borrower or any Affiliate thereof (as to which the provisions of this Section 2.18(k) shall apply). The Borrower consents on behalf of itself and each other Loan Party to the foregoing and agrees, to the extent it may effectively do so under applicable law, that any Lender acquiring a participation pursuant to the foregoing arrangements may exercise against each Loan Party rights of setoff and counterclaim with respect to such participation as fully as if such Lender were a direct creditor of each Loan Party in the amount of such participation. For the avoidance of doubt, no amounts received by the Administrative Agent or any Lender from any Guarantor that is not a Qualified ECP Guarantor shall be applied in partial or complete satisfaction of any Excluded Swap Obligations.

(l) Notwithstanding anything to the contrary in this Agreement, the Administrative Agent may, in its discretion at any time or from time to time, without the Borrower's request and even if the conditions set forth in Section 5.2 would not be satisfied, make a Revolving Loan in an amount equal to the portion of the Obligations constituting overdue interest and fees and Swingline Loans from time to time due and payable to itself, any Revolving Lender, the Swingline Lender or the Issuing Lender, and apply the proceeds of any such Revolving Loan to those Obligations; provided that after giving effect to any such Revolving Loan, the aggregate outstanding Revolving Loans will not exceed the Total Revolving Commitments then in effect.

2.19 Illegality; Requirements of Law.

(a) Illegality. If any Lender determines that any Requirement of Law has made it unlawful, or that any Governmental Authority has asserted that it is unlawful, for any Lender or its applicable lending office to make, maintain or fund Loans whose interest is determined by reference to SOFR, Term SOFR or Term SOFR Reference Rate, or to determine or charge interest based upon SOFR, Term SOFR or Term SOFR Reference Rate, then, upon notice thereof by such Lender to the Borrower (through the Administrative Agent) (an “**Illegality Notice**”), (i) any obligation of the Lenders to make, and the right of the Borrower to continue SOFR Loans or to convert ABR Loans to SOFR Loans, shall be suspended, and (ii) the interest rate on ABR Loans shall, if necessary to avoid such illegality, be determined by the Administrative Agent without reference to SOFR component of the definition of “ABR”, in each case until each affected Lender notifies the Administrative Agent and the Borrower that the circumstances giving rise to such determination no longer exist. Upon receipt of an Illegality Notice, the Borrower shall, if necessary to avoid such illegality, upon demand from any Lender (with a copy to the Administrative Agent), either (at the option of the Borrower in its sole discretion) prepay or convert all SOFR Loans to ABR Loans (the interest rate on which ABR Loans shall, if necessary to avoid such illegality, be determined by the Administrative Agent without reference to SOFR component of the definition of “ABR”), on the last day of the Interest Period therefor, if all affected Lenders may lawfully continue to maintain such SOFR Loans to such day, or immediately, if any Lender may not lawfully continue to maintain such SOFR Loans to such day, in each case, until the Administrative Agent is advised in writing by each affected Lender that it is no longer illegal for such Lender to determine or charge interest rates based upon, Adjusted Term SOFR, Term SOFR or Term SOFR Reference Rate. Upon any such prepayment or conversion, the Borrower shall also pay accrued interest on the amount so prepaid or converted, together with any additional amounts required pursuant to Section 2.21.

(b) Requirements of Law. If the adoption of or any change in any Requirement of Law or in the administration, interpretation, implementation or application thereof by any Governmental Authority, or the making or issuance of any request, rule, guideline or directive (whether or not having the force of law) by any Governmental Authority made subsequent to the date hereof:

(i) shall subject any Recipient to any Taxes (other than (A) Indemnified Taxes, (B) Taxes described in clauses (b) through (d) of the definition of Excluded Taxes, and (C) Connection Income Taxes) on its Loans, Loan principal, Letters of Credit, Commitments, or other obligations, or its deposits, reserves, other liabilities or capital attributable thereto;

(vi) shall impose, modify or deem applicable any reserve (including pursuant to regulations issued from time to time by the Board for determining the maximum reserve requirement (including any emergency, special, supplemental or other marginal reserve requirement) with respect to eurocurrency funding (currently referred to as “Eurocurrency liabilities” in Regulation D)), special deposit, compulsory loan, insurance charge or similar requirement against assets of, deposits with or for the account of or credit extended or participated in by, any Lender; or

(ii) impose on any Lender any other condition, cost or expense (other than Taxes) affecting this Agreement or Loans made by such Lender or any Letter of Credit or participation therein;

and the result of any of the foregoing shall be to increase the cost to such Lender or such other Recipient of making, converting to, continuing or maintaining Loans or of maintaining its obligation to make such Loans, or to increase the cost to such Lender or such other Recipient of issuing, maintaining or participating in Letters of Credit (or of maintaining its obligation to participate in or to issue any Letter of Credit), or to reduce the amount of any sum receivable or received by such Lender or other Recipient

hereunder in respect thereof (whether of principal, interest or any other amount), then, in any such case, upon the request of such Lender or other Recipient, the Borrower will promptly pay such Lender or other Recipient, as the case may be, any additional amount or amounts necessary to compensate such Lender or other Recipient, as the case may be, for such additional costs incurred or reduction suffered. If any Lender becomes entitled to claim any additional amounts pursuant to this paragraph, it shall promptly notify the Borrower (with a copy to the Administrative Agent) of the event by reason of which it has become so entitled.

(c) If any Lender determines that any change in any Requirement of Law affecting such Lender or any lending office of such Lender or such Lender's holding company, if any, regarding capital or liquidity requirements, has or would have the effect of reducing the rate of return on such Lender's capital or on the capital of such Lender's holding company, if any, as a consequence of this Agreement, the Commitments of such Lender or the Loans made by, or participations in Letters of Credit or Swingline Loans held by, such Lender, or the Letters of Credit issued by the Issuing Lender, to a level below that which such Lender or such Lender's holding company could have achieved but for such change in such Requirement of Law (taking into consideration such Lender's policies and the policies of such Lender's holding company with respect to capital adequacy or liquidity), then from time to time the Borrower will pay to such Lender or the Issuing Lender, as the case may be, such additional amount or amounts as will compensate such Lender or the Issuing Lender or such Lender's or Issuing Lender's holding company for any such reduction suffered.

(d) For purposes of this Agreement, (i) the Dodd-Frank Wall Street Reform and Consumer Protection Act and all requests, rules, guidelines, or directives thereunder or issued in connection therewith and (ii) all requests, rules, guidelines or directives promulgated by the Bank for International Settlements, the Basel Committee on Banking Supervision (or any successor or similar authority) or the United States or foreign regulatory authorities, in each case pursuant to Basel III, shall in each case (i) and (ii) be deemed to be a change in any Requirement of Law, regardless of the date enacted, adopted or issued.

(e) A certificate as to any additional amounts payable pursuant to paragraphs (b), (c), or (d) of this Section submitted by any Lender to the Borrower (with a copy to the Administrative Agent) shall be conclusive in the absence of manifest error. The Borrower shall pay such Lender the amount shown as due on any such certificate within 10 days after receipt thereof. Failure or delay on the part of any Lender to demand compensation pursuant to this Section shall not constitute a waiver of such Lender's right to demand such compensation. Notwithstanding anything to the contrary in this Section 2.19, the Borrower shall not be required to compensate a Lender pursuant to this Section 2.19 for any amounts incurred more than 9 months prior to the date that such Lender notifies the Borrower of the change in the Requirement of Law giving rise to such increased costs or reductions, and of such Lender's intention to claim compensation therefor; provided that if the circumstances giving rise to such claim have a retroactive effect, then such 9-month period shall be extended to include the period of such retroactive effect. The obligations of the Borrower arising pursuant to this Section 2.19 shall survive the Discharge of Obligations and the resignation of the Administrative Agent.

2.20 Taxes.

For purposes of this Section 2.20, the term "Lender" includes the Issuing Lender and the term "applicable law" includes FATCA.

(a) Payments Free of Taxes. Any and all payments by or on account of any obligation of any Loan Party under any Loan Document shall be made without deduction or withholding for any Taxes, except as required by applicable Requirements of Law, and the Borrower shall, and shall cause each other Loan Party, to comply with the requirements set forth in this Section 2.20. If any applicable Requirement of Law (as determined in the good faith discretion of an applicable Withholding Agent) requires the deduction or withholding of any Tax from any such payment by a Withholding Agent, then the applicable Withholding Agent shall be entitled to make such deduction or withholding and shall timely pay the full amount deducted or withheld to the relevant Governmental Authority in accordance with applicable law and, if such Tax is an Indemnified Tax, then the sum payable by the applicable Loan Party shall be increased as necessary so that after such deduction or withholding has been made (including such deductions and withholdings applicable to additional sums payable under this Section 2.20) the applicable Recipient receives an amount equal to the sum it would have received had no such deduction or withholding been made.

(b) Payment of Other Taxes. The Borrower shall and shall cause each other Loan Party to, timely pay to the relevant Governmental Authority in accordance with applicable law, or at the option of the Administrative Agent timely reimburse it for the payment of, any Other Taxes applicable to such Loan Party.

(c) Evidence of Payments. As soon as practicable after any payment of Taxes by any Loan Party to a Governmental Authority pursuant to this Section 2.20, the Borrower shall, or shall cause such other Loan Party to, deliver to the Administrative Agent the original or a certified copy of a receipt issued by such Governmental Authority evidencing such payment, a copy of the return reporting such payment or other evidence of such payment reasonably satisfactory to the Administrative Agent.

(d) Indemnification by Loan Parties. The Borrower shall, and shall cause each other Loan Party to, jointly and severally indemnify each Recipient, within 10 days after demand therefor, for the full amount of any Indemnified Taxes (including Indemnified Taxes imposed or asserted on or attributable to amounts payable under this Section 2.20) payable or paid by such Recipient or required to be withheld or deducted from a payment to such Recipient and any reasonable expenses arising therefrom or with respect thereto (including any recording and filing fees with respect thereto or resulting therefrom and any liabilities with respect to, or resulting from, any delay in paying such Indemnified Taxes), whether or not such Indemnified Taxes were correctly or legally imposed or asserted by the relevant Governmental Authority. A certificate as to the amount of such payment or liability delivered to the Borrower by a Lender (with a copy to the Administrative Agent), or by the Administrative Agent on its own behalf or on behalf of a Lender, shall be conclusive absent manifest error. If any Loan Party fails to pay any Indemnified Taxes when due to the appropriate taxing authority or fails to remit to the Administrative Agent the required receipts or other required documentary evidence, such Loan Party shall indemnify the Administrative Agent and the Lenders for any incremental taxes, interest or penalties that are payable by the Administrative Agent or any Lender as a result of any such failure.

(e) Indemnification by Lenders. Each Lender shall severally indemnify the Administrative Agent, within 10 days after demand therefor, for (i) any Indemnified Taxes attributable to such Lender (but only to the extent that any Loan Party has not already indemnified the Administrative Agent for such Indemnified Taxes and without limiting the obligation of the Loan Parties to do so), (ii) any Taxes attributable to such Lender's failure to comply with the provisions of Section 10.6 relating to the maintenance of a Participant Register and (iii) any Excluded Taxes attributable to such Lender, in each case, that are payable or paid by the Administrative Agent in connection with any Loan Document, and any reasonable expenses arising therefrom or with respect thereto, whether or not such Taxes were

correctly or legally imposed or asserted by the relevant Governmental Authority. A certificate as to the amount of such payment or liability delivered to any Lender by the Administrative Agent shall be conclusive absent manifest error. Each Lender hereby authorizes the Administrative Agent to set off and apply any and all amounts at any time owing to such Lender under any Loan Document or otherwise payable by the Administrative Agent to the Lender from any other source against any amount due to the Administrative Agent under this Section 2.20(e).

(f) Status of Lenders.

(i) Any Lender that is entitled to an exemption from or reduction of withholding Tax with respect to payments made under any Loan Document shall deliver to the Borrower and the Administrative Agent, at the time or times reasonably requested by the Borrower or the Administrative Agent, such properly completed and executed documentation reasonably requested by the Borrower or the Administrative Agent as will permit such payments to be made without withholding or at a reduced rate of withholding. In addition, any Lender, if reasonably requested by the Borrower or the Administrative Agent, shall deliver such other documentation prescribed by applicable Requirements of Law or reasonably requested by the Borrower or the Administrative Agent as will enable the Borrower or the Administrative Agent to determine whether or not such Lender is subject to backup withholding or information reporting requirements. Notwithstanding anything to the contrary in the preceding two sentences, the completion, execution and submission of such documentation (other than such documentation set forth in Sections 2.20(f)(ii)(A), (ii)(B), (ii)(D) and (ii)(E) below) shall not be required if the Lender is not legally entitled to complete, execute or deliver such documentation or, in the Lender's reasonable judgment, such completion, execution or submission would subject such Lender to any material unreimbursed cost or expense or would materially prejudice the legal or commercial position of such Lender.

(ii) Without limiting the generality of the foregoing, in the event that the Borrower is a U.S. Person,

(A) any Lender that is a U.S. Person shall deliver to the Borrower and the Administrative Agent on or prior to the date on which such Lender becomes a Lender under this Agreement (and from time to time thereafter upon the reasonable request of the Borrower or the Administrative Agent), executed copies of IRS Form W-9 certifying that such Lender is exempt from U.S. federal backup withholding tax;

(B) any Foreign Lender shall, to the extent it is legally entitled to do so, deliver to the Borrower and the Administrative Agent (in such number of copies as shall be requested by the recipient) on or prior to the date on which such Foreign Lender becomes a Lender under this Agreement (and from time to time thereafter upon the reasonable request of the Borrower or the Administrative Agent), whichever of the following is applicable:

(1) in the case of a Foreign Lender claiming the benefits of an income tax treaty to which the United States is a party (x) with respect to payments of interest under any Loan Document, executed originals of IRS Form W-8BEN or IRS Form W-8BEN-E, as applicable (or any successor form) establishing an exemption from, or reduction of, U.S. federal withholding Tax pursuant to the "interest" article of such tax treaty and (y) with respect to any other applicable payments under any Loan Document, IRS Form W-8BEN or IRS Form W-8BEN-E, as applicable (or any successor form) establishing an exemption from, or reduction of, U.S. federal withholding Tax pursuant to the "business profits" or "other income" article of such tax treaty;

(2) executed copies of IRS Form W-8ECI;

(3) in the case of a Foreign Lender claiming the benefits of the exemption for portfolio interest under Section 881(c) of the Code, (x) a certificate substantially in the form of Exhibit F-1 to the effect that such Foreign Lender is not a “bank” within the meaning of Section 881(c)(3)(A) of the Code, a “10 percent shareholder” of the Borrower within the meaning of Section 881(c)(3)(B) of the Code, or a “controlled foreign corporation” described in Section 881(c)(3)(C) of the Code (a “U.S. Tax Compliance Certificate”) and (y) executed copies of IRS Form W-8BEN or IRS Form W-8BEN-E, as applicable (or any successor form); or

(4) to the extent a Foreign Lender is not the beneficial owner, executed copies of IRS Form W-8IMY, accompanied by IRS Form W-8ECI, IRS Form W-8BEN or IRS Form W-8BEN-E, as applicable (or any successor form), a U.S. Tax Compliance Certificate substantially in the form of Exhibit F-2 or Exhibit F-3, IRS Form W-9, and/or other certification documents from each beneficial owner, as applicable; provided that if the Foreign Lender is a partnership and one or more direct or indirect partners of such Foreign Lender are claiming the portfolio interest exemption, such Foreign Lender may provide a U.S. Tax Compliance Certificate substantially in the form of Exhibit F-4 on behalf of each such direct and indirect partner;

(C) any Foreign Lender shall, to the extent it is legally entitled to do so, deliver to the Borrower and the Administrative Agent (in such number of copies as shall be requested by the recipient) on or prior to the date on which such Foreign Lender becomes a Lender under this Agreement (and from time to time thereafter upon the reasonable request of the Borrower or the Administrative Agent), executed copies of any other form prescribed by applicable law as a basis for claiming exemption from or a reduction in U.S. federal withholding Tax, duly completed, together with such supplementary documentation as may be prescribed by applicable law to permit the Borrower or the Administrative Agent to determine the withholding or deduction required to be made;

(D) if a payment made to a Lender under any Loan Document would be subject to U.S. federal withholding Tax imposed by FATCA if such Lender were to fail to comply with the applicable reporting requirements of FATCA (including those contained in Section 1471(b) or 1472(b) of the Code, as applicable), such Lender shall deliver to the Borrower and the Administrative Agent at the time or times prescribed by law and at such time or times reasonably requested by the Borrower or the Administrative Agent such documentation prescribed by applicable law (including as prescribed by Section 1471(b)(3)(C)(i) of the Code and including IRS Form W-8BEN-E) and such additional documentation reasonably requested by the Borrower or the Administrative Agent as may be necessary for the Borrower and the Administrative Agent to comply with their obligations under FATCA and to determine that such Lender has complied with such Lender’s obligations under FATCA or to determine the amount to deduct and withhold from such payment. Solely for purposes of this clause (D), “FATCA” shall include any amendments made to FATCA after the date of this Agreement; and

(E) On or before the date the Administrative Agent becomes a party to this Agreement, the Administrative Agent shall provide to the Borrower, two executed copies of the documentation prescribed in clause (i) or (ii) below, as applicable (together with all required attachments thereto): (i) IRS Form W-9 or any successor thereto, or (ii) (A) IRS Form W-8ECI or any successor thereto, and (B) with respect to payments received on account of any Lender, an IRS Form W-8 certifying that the Administrative Agent is entitled to receive payments hereunder without deduction or withholding for any U.S. federal withholding Taxes. The Administrative Agent agrees that if any form or certification it previously delivered expires or becomes obsolete or inaccurate in any respect, it shall update such form

or certification. For purposes of this Section 2.20(f)(ii)(E), “Administrative Agent” shall mean Administrative Agent in its capacity as such and not in any other capacity (such as Lender).

(iii) Each Lender agrees that if any form or certification it previously delivered expires or becomes obsolete or inaccurate in any respect, it shall update such form or certification or promptly notify the Borrower and the Administrative Agent in writing of its legal inability to do so.

(g) Treatment of Certain Refunds. If any party determines, in its sole discretion exercised in good faith, that it has received a refund of any Taxes as to which it has been indemnified pursuant to this Section 2.20 (including by the payment of additional amounts pursuant to this Section 2.20), it shall pay to the indemnifying party an amount equal to such refund (but only to the extent of indemnity payments made under this Section with respect to the Taxes giving rise to such refund), net of all out-of-pocket expenses (including Taxes) of such indemnified party and without interest (other than any interest paid by the relevant Governmental Authority with respect to such refund). Such indemnifying party, upon the request of such indemnified party, shall repay to such indemnified party the amount paid over pursuant to this Section 2.20(g) (plus any penalties, interest or other charges imposed by the relevant Governmental Authority) in the event that such indemnified party is required to repay such refund to such Governmental Authority. Notwithstanding anything to the contrary in this Section 2.20(g), in no event will the indemnified party be required to pay any amount to an indemnifying party pursuant to this Section 2.20(g) the payment of which would place the indemnified party in a less favorable net after-Tax position than the indemnified party would have been in if the Tax subject to indemnification and giving rise to such refund had not been deducted, withheld or otherwise imposed and the indemnification payments or additional amounts with respect to such Tax had never been paid. This paragraph shall not be construed to require any indemnified party to make available its Tax returns (or any other information relating to its Taxes that it deems confidential) to the indemnifying party or any other Person.

(h) Survival. Each party’s obligations under this Section 2.20 shall survive the resignation or replacement of the Administrative Agent or any assignment of rights by, or the replacement of, a Lender and the Discharge of Obligations.

2.21 Indemnity. In the event of (a) the payment of any principal of any SOFR Loan other than on the last day of the Interest Period applicable thereto (including as a result of an Event of Default), (b) the conversion of any SOFR Loan other than on the last day of the Interest Period applicable thereto (including as a result of an Event of Default), (c) the failure to borrow, convert, continue or prepay any SOFR Loan on the date specified in any notice delivered pursuant hereto, or (d) the assignment of any SOFR Loan other than on the last day of the Interest Period applicable thereto as a result of a request by the Borrower pursuant to Section 2.23), then, in any such event, the Borrower shall compensate each Lender for any loss, cost and expense attributable to such event, including any loss, cost or expense arising from the liquidation or redeployment of funds or from any fees payable. A certificate of any Lender setting forth any amount or amounts that such Lender is entitled to receive pursuant to this Section shall be delivered to the Borrower and shall be conclusive absent manifest error. The Borrower shall pay such Lender the amount shown as due on any such certificate within ten (10) days (or such longer period as the applicable Lender may agree in its sole discretion) after receipt thereof.

2.22 Change of Lending Office. Each Lender agrees that, upon the occurrence of any event giving rise to the operation of Section 2.19(b), Section 2.19(c), Section 2.20(a), Section 2.20(b) or Section 2.20(d) with respect to such Lender, it will, if requested by the Borrower, use reasonable efforts (subject to overall policy considerations of such Lender) to designate a different lending office for

funding or booking its Loans affected by such event or to assign its rights and obligations hereunder to another of its offices, branches or affiliates, if, in the judgment of such Lender, such designation or assignment (i) would eliminate or reduce amounts payable pursuant to Section 2.19 or 2.20, as the case may be, in the future, and (ii) would not subject such Lender to any unreimbursed cost or expense and would not otherwise be disadvantageous to such Lender; provided that nothing in this Section shall affect or postpone any of the obligations of the Borrower or the rights of any Lender pursuant to Section 2.19(b), Section 2.19(c), Section 2.20(a), Section 2.20(b) or Section 2.20(d). The Borrower hereby agrees to pay all reasonable and documented costs and expenses incurred by any Lender in connection with any such designation or assignment made at the request of the Borrower.

2.23 Substitution of Lenders. Upon the receipt by the Borrower of any of the following (or in the case of clause (a) below, if the Borrower is required to pay any such amount), with respect to any Lender (any such Lender described in clauses (a) through (c) below being referred to as an “*Affected Lender*” hereunder):

(a) a request from a Lender for payment of Indemnified Taxes or additional amounts under Section 2.20 or of increased costs pursuant to Section 2.19(b) or Section 2.19(c) (and, in any such case, such Lender has declined or is unable to designate a different lending office in accordance with Section 2.22 or is a Non-Consenting Lender);

(b) a notice from the Administrative Agent under Section 10.1(b) that one or more Minority Lenders are unwilling to agree to an amendment or other modification approved by the Required Lenders and the Administrative Agent; or

(c) notice from the Administrative Agent that a Lender is a Defaulting Lender;

then the Borrower may, at its sole expense and effort, upon notice to such Lender and the Administrative Agent and such Affected Lender: (i) request that one or more of the other Lenders acquire and assume all or part of such Affected Lender’s Loans and Commitment; or (ii) designate a replacement lending institution (which shall be an Eligible Assignee) to acquire and assume all or a ratable part of such Affected Lender’s Loans and Commitment (the replacing Lender or lender in (i) or (ii) being a “*Replacement Lender*”); provided, however, that the Borrower shall be liable for the payment upon demand of all costs and other amounts arising under Section 2.21 that result from the acquisition of any Affected Lender’s Loan and/or Commitment (or any portion thereof) by a Lender or Replacement Lender, as the case may be, on a date other than the last day of the applicable Interest Period with respect to any SOFR Loans then outstanding; and provided further, however, that if the Borrower elects to exercise such right with respect to any Affected Lender under clauses (a) or (b) of this Section 2.23, then the Borrower shall be obligated to replace all Affected Lenders under such clauses. The Affected Lender replaced pursuant to this Section 2.23 shall be required to assign and delegate, without recourse, all of its interests, rights and obligations under this Agreement and the related Loan Documents to one or more Replacement Lenders that so agree to acquire and assume all or a ratable part of such Affected Lender’s Loans and Commitment upon payment to such Affected Lender of an amount (in the aggregate for all Replacement Lenders) equal to 100% of the outstanding principal of the Affected Lender’s Loans, accrued interest thereon, accrued fees and all other amounts payable to it hereunder and under the other Loan Documents from such Replacement Lenders (to the extent of such outstanding principal and accrued interest and fees) or the Borrower (in the case of all other amounts, including amounts under Section 2.21 hereof). Any such designation of a Replacement Lender shall be effected in accordance with, and subject to the terms and conditions of, the assignment provisions contained in Section 10.6 (with the assignment fee to be paid by the Borrower in such instance), and if such Replacement Lender is not already a Lender hereunder or

an Affiliate of a Lender or an Approved Fund, shall be subject to the prior written consent of the Administrative Agent (which consent shall not be unreasonably withheld). Notwithstanding the foregoing, with respect to any assignment pursuant to this Section 2.23, (a) in the case of any such assignment resulting from a claim for compensation under Section 2.19 or payments required to be made pursuant to Section 2.20, such assignment shall result in a reduction in such compensation or payments thereafter; (b) such assignment shall not conflict with applicable law and (c) in the case of any assignment resulting from a Lender being a Minority Lender referred to in clause (b) of this Section 2.23, the applicable assignee shall have consented to the applicable amendment, waiver or consent. Notwithstanding the foregoing, an Affected Lender shall not be required to make any such assignment or delegation if, prior thereto, as a result of a waiver by such Affected Lender or otherwise, the circumstances entitling the Borrower to require such assignment and delegation cease to apply.

2.24 Defaulting Lenders.

(a) Defaulting Lender Adjustments. Notwithstanding anything to the contrary contained in this Agreement, if any Lender becomes a Defaulting Lender, then, until such time as such Lender is no longer a Defaulting Lender, to the extent permitted by applicable law:

(i) Waivers and Amendments. Such Defaulting Lender's right to approve or disapprove any amendment, waiver or consent with respect to this Agreement shall be restricted as set forth in Section 10.1 and in the definition of Required Lenders.

(ii) Defaulting Lender Waterfall. Any payment of principal, interest, fees or other amounts received by the Administrative Agent for the account of such Defaulting Lender (whether voluntary or mandatory, at maturity, pursuant to Section 8 or otherwise, and including any amounts made available to the Administrative Agent by such Defaulting Lender pursuant to Section 10.7), shall be applied at such time or times as may be determined by the Administrative Agent as follows: first, to the payment of any amounts owing by such Defaulting Lender to the Administrative Agent hereunder; second, to the payment on a *pro rata* basis of any amounts owing by such Defaulting Lender to the Issuing Lender or to the Swingline Lender hereunder; third, to be held as Cash Collateral for the funding obligations of such Defaulting Lender of any participation in any Letter of Credit; fourth, as the Borrower may request (so long as no Default or Event of Default exists), to the funding of any Loan in respect of which such Defaulting Lender has failed to fund its portion thereof as required by this Agreement, as determined by the Administrative Agent; fifth, if so determined by the Administrative Agent and the Borrower, to be held in a Deposit Account and released pro rata to (x) satisfy such Defaulting Lender's potential future funding obligations with respect to Loans under this Agreement, and (y) be held as Cash Collateral for the future funding obligations of such Defaulting Lender of any participation in any future Letter of Credit; sixth, to the payment of any amounts owing to any L/C Lender, Issuing Lender or Swingline Lender as a result of any judgment of a court of competent jurisdiction obtained by any L/C Lender, Issuing Lender or Swingline Lender against such Defaulting Lender as a result of such Defaulting Lender's breach of its obligations under this Agreement; seventh, so long as no Default or Event of Default has occurred and is continuing, to the payment of any amounts owing to the Borrower as a result of any judgment of a court of competent jurisdiction obtained by the Borrower against such Defaulting Lender as a result of such Defaulting Lender's breach of its obligations under this Agreement; and eighth, to such Defaulting Lender or as otherwise directed by a court of competent jurisdiction; provided that if (A) such payment is a payment of the principal amount of any Loans or L/C Advances in respect of which such Defaulting Lender has not fully funded its appropriate share and (B) such

Loans or L/C Advances were made at a time when the conditions set forth in Section 5.2 were satisfied or waived, such payment shall be applied solely to pay the Loans of, and L/C Advances owed to, all Non-Defaulting Lenders on a *pro rata* basis prior to being applied to the payment of any Loans of, or L/C Advances owed to, such Defaulting Lender until such time as all Loans and funded and unfunded participations in L/C Advances and Swingline Loans are held by the Lenders pro rata in accordance with the Commitments under the applicable Facility without giving effect to Section 2.24(a)(iv). Any payments, prepayments or other amounts paid or payable to a Defaulting Lender that are applied (or held) to pay amounts owed by a Defaulting Lender or to post Cash Collateral pursuant to this Section 2.24(a)(ii) shall be deemed paid to and redirected by such Defaulting Lender, and each Lender irrevocably consents hereto.

(iii) Certain Fees.

(A) No Defaulting Lender shall be entitled to receive any fee pursuant to Section 2.9(b) for any period during which such Lender is a Defaulting Lender (and the Borrower shall not be required to pay any such fee that otherwise would have been required to have been paid to such Defaulting Lender).

(B) Each Defaulting Lender shall be limited in its right to receive Letter of Credit Fees as provided in Section 3.3(d).

(C) With respect to any Letter of Credit Fee not required to be paid to any Defaulting Lender pursuant to clause (A) or (B) above, the Borrower shall (x) pay to each Non-Defaulting Lender that portion of any such fee otherwise payable to such Defaulting Lender with respect to such Defaulting Lender's participation in Letters of Credit or Swingline Loans that has been reallocated to such Non-Defaulting Lender pursuant to clause (iv) below, (y) pay to the Issuing Lender and the Swingline Lender, as applicable, the amount of any such fee otherwise payable to such Defaulting Lender to the extent allocable to the Issuing Lender's or the Swingline Lender's Fronting Exposure to such Defaulting Lender, and (z) not be required to pay the remaining amount of any such fee.

(iv) Reallocation of Pro Rata Share to Reduce Fronting Exposure. During any period in which there is a Defaulting Lender, for purposes of computing the amount of the obligation of each Non-Defaulting Lender to acquire, refinance or fund participations in Letters of Credit pursuant to Section 3.4 or in Swingline Loans pursuant to Section 2.7(c), the L/C Percentage of each Non-Defaulting Lender of any such Letter of Credit and the Revolving Percentage of each Non-Defaulting Lender of any such Swingline Loan, as the case may be, shall be computed without giving effect to the Revolving Commitment of such Defaulting Lender; provided that, the aggregate obligations of each Non-Defaulting Lender to acquire, refinance or fund participations in Letters of Credit and Swingline Loans shall not exceed the positive difference, if any, of (1) the Revolving Commitment of that Non-Defaulting Lender minus (2) the aggregate outstanding amount of the Revolving Loans of that Lender plus the aggregate amount of that Lender's L/C Percentage of the then outstanding Letters of Credit, plus the aggregate amount of such Lender's pro rata percentage of the then outstanding Swingline Loans. Subject to Section 10.21, no reallocation hereunder shall constitute a waiver or release of any claim of any party hereunder against a Defaulting Lender arising from that Lender having become a Defaulting Lender, including any claim of a Non-Defaulting Lender as a result of such Non-Defaulting Lender's increased exposure following such reallocation.

(v) Cash Collateral, Repayment of Swingline Loans. If the reallocation described in clause (iv) above cannot, or can only partially, be effected, the Borrower shall, without

prejudice to any right or remedy available to it hereunder or under law, (x) first, prepay Swingline Loans in an amount equal to the Swingline Lender's Fronting Exposure and (y) second, Cash Collateralize the Issuing Lender's Fronting Exposure in accordance with the procedures set forth in Section 3.10.

(b) Defaulting Lender Cure. If the Borrower, the Administrative Agent, the Swingline Lender and the Issuing Lender agree in writing that a Lender is no longer a Defaulting Lender, the Administrative Agent will so notify the parties hereto, whereupon as of the effective date specified in such notice and subject to any conditions set forth therein (which may include arrangements with respect to any Cash Collateral), such Lender will, to the extent applicable, purchase at par that portion of outstanding Loans of the other Lenders or take such other actions as the Administrative Agent may determine to be necessary to cause the Loans and funded and unfunded participations in Letters of Credit and Swingline Loans to be held on a *pro rata* basis by the Lenders in accordance with their respective Revolving Percentages and L/C Percentages, as applicable (without giving effect to Section 2.24(a)(iv)), whereupon such Lender will cease to be a Defaulting Lender; provided that no adjustments will be made retroactively with respect to fees accrued or payments made by or on behalf of the Borrower while such Lender was a Defaulting Lender; and provided further that, except to the extent otherwise expressly agreed by the affected parties, no change hereunder from Defaulting Lender to Lender will constitute a waiver or release of any claim of any party hereunder arising from such Lender having been a Defaulting Lender.

(c) New Swingline Loans/Letters of Credit. So long as any Lender is a Defaulting Lender, (i) the Swingline Lender shall not be required to fund any Swingline Loans unless it is satisfied that it will have no Fronting Exposure after giving effect to such Swingline Loan, and (ii) the Issuing Lender shall not be required to issue, extend, renew or increase any Letter of Credit unless it is satisfied that it will have no Fronting Exposure in respect of Letters of Credit after giving effect thereto.

(d) Termination of Defaulting Lender. The Borrower may terminate the unused amount of the Revolving Commitment of any Revolving Lender that is a Defaulting Lender on a non-*pro rata* basis upon not less than 10 Business Days' prior notice to the Administrative Agent (which shall promptly notify the Lenders thereof), and in such event the provisions of Section 2.24(a)(ii) will apply to all amounts thereafter paid by the Borrower for the account of such Defaulting Lender under this Agreement (whether on account of principal, interest, fees, indemnity or other amounts); provided that (i) no Event of Default shall have occurred and be continuing, and (ii) such termination shall not be deemed to be a waiver or release of any claim the Borrower, the Administrative Agent, the Issuing Lender, the Swingline Lender or any other Lender may have against such Defaulting Lender.

2.25 Joint and Several Liability of the Borrowers.

If at any time there is more than one Person composing the Borrower:

(a) Each Borrower is accepting joint and several liability hereunder and under the other Loan Documents in consideration of the financial accommodations to be provided by the Lenders under this Agreement, for the mutual benefit, directly and indirectly, of each Borrower and in consideration of the undertakings of the other Borrowers to accept joint and several liability for the Obligations.

(b) Each Borrower, jointly and severally, hereby irrevocably and unconditionally accepts, not merely as a surety but also as a co-debtor, joint and several liability with the other Borrowers, with respect to the payment and performance of all of the Obligations (including any Obligations arising

under this Section 2.25), it being the intention of the parties hereto that all the Obligations shall be the joint and several obligations of each Borrower without preferences or distinction among them.

(c) If and to the extent that any Borrower shall fail to make any payment with respect to any of the Obligations as and when due or to perform any of the Obligations in accordance with the terms thereof, then in each such event the other Borrowers will make such payment with respect to, or perform, such Obligations.

(d) The Obligations of each Borrower under the provisions of this Section 2.25 constitute the absolute and unconditional, full recourse Obligations of each Borrower enforceable against each Borrower to the full extent of its properties and assets, irrespective of the validity, regularity or enforceability of this Agreement or any other circumstances whatsoever.

(e) Except as otherwise expressly provided in this Agreement, each Borrower hereby waives notice of acceptance of its joint and several liability, notice of any Loans made or Letters of Credit issued under or pursuant to this Agreement, notice of the occurrence of any Default, Event of Default, or of any demand for any payment under this Agreement, notice of any action at any time taken or omitted by the Administrative Agent or Lenders under or in respect of any of the Obligations, any requirement of diligence or to mitigate damages and, generally, to the extent permitted by applicable law, all demands, notices and other formalities of every kind in connection with this Agreement (except as otherwise provided in this Agreement). Each Borrower hereby assents to, and waives notice of, any extension or postponement of the time for the payment of any of the Obligations, the acceptance of any payment of any of the Obligations, the acceptance of any partial payment thereon, any waiver, consent or other action or acquiescence by the Administrative Agent or Lenders at any time or times in respect of any default by any Borrower in the performance or satisfaction of any term, covenant, condition or provision of this Agreement, any and all other indulgences whatsoever by the Administrative Agent or Lenders in respect of any of the Obligations, and the taking, addition, substitution or release, in whole or in part, at any time or times, of any security for any of the Obligations or the addition, substitution or release, in whole or in part, of any Borrower. Without limiting the generality of the foregoing, each Borrower assents to any other action or delay in acting or failure to act on the part of the Administrative Agent or Lender with respect to the failure by any Borrower to comply with any of its respective Obligations, including, without limitation, any failure strictly or diligently to assert any right or to pursue any remedy or to comply fully with applicable laws or regulations thereunder, which might, but for the provisions of this Section 2.25 afford grounds for terminating, discharging or relieving any Borrower, in whole or in part, from any of its Obligations under this Section 2.25, it being the intention of each Borrower that, so long as any of the Obligations hereunder remain unsatisfied, the Obligations of each Borrower under this Section 2.25 shall not be discharged except by performance and then only to the extent of such performance. The Obligations of each Borrower under this Section 2.25 shall not be diminished or rendered unenforceable by any winding up, reorganization, arrangement, liquidation, reconstruction or similar proceeding with respect to any Borrower, the Administrative Agent or any Lender.

(f) Each Borrower represents and warrants to the Administrative Agent and Lenders that such Borrower is currently informed of the financial condition of the Borrowers and of all other circumstances which a diligent inquiry would reveal and which bear upon the risk of nonpayment of the Obligations. Each Borrower further represents and warrants to the Administrative Agent and Lenders that such Borrower has read and understands the terms and conditions of the Loan Documents. Each Borrower hereby covenants that such Borrower will continue to keep informed of the Borrowers' financial condition, the financial condition of other guarantors, if any, and of all other circumstances which bear upon the risk of nonpayment or nonperformance of the Obligations.

(g) Each Borrower waives all rights and defenses (i) arising out of an election of remedies by the Administrative Agent or any Lender, even though that election of remedies, such as a nonjudicial foreclosure with respect to security for a guaranteed obligation, has destroyed such Borrower's rights of subrogation and reimbursement against any applicable Loan Party by the operation of Section 580 or 726 of the California Code of Civil Procedure or otherwise, and (ii) relating to any suretyship defenses available to it under the Uniform Commercial Code or any other applicable law, including, without limitation, the benefit of California Civil Code Section 2815 permitting revocation as to future transactions and the benefit of California Civil Code Sections 1432, 2787 through 2855, 2899 and 3433.

(h) Each Borrower waives all rights and defenses that such Borrower may have because the Obligations are secured by real property at any time. This means, among other things:

(i) The Administrative Agent and Lenders may collect from such Borrower without first foreclosing on any real or personal property Collateral pledged by the Borrowers.

(ii) If the Administrative Agent or any Lender forecloses on any Collateral consisting of real property pledged by the Borrowers:

(A) The amount of the Obligations may be reduced only by the price for which that collateral is sold at the foreclosure sale, even if the collateral is worth more than the sale price.

(B) The Administrative Agent and Lenders may collect from such Borrower even if the Administrative Agent or Lenders, by foreclosing on real property, has destroyed any right such Borrower may have to collect from the other Borrowers.

This is an unconditional and irrevocable waiver of any rights and defenses such Borrower may have because the Obligations are secured by real property. These rights and defenses include, but are not limited to, any rights or defenses based upon Section 580a, 580b, 580d or 726 of the California Code of Civil Procedure.

(i) The provisions of this Section 2.25 are made for the benefit of the Administrative Agent, the Lenders, and their respective successors and assigns, and may be enforced by it or them from time to time against any or all the Borrowers as often as occasion therefor may arise and without requirement on the part of the Administrative Agent, any Lender, any successor or any assign first to marshal any of its or their claims or to exercise any of its or their rights against any Borrower or to exhaust any remedies available to it or them against any Borrower or to resort to any other source or means of obtaining payment of any of the Obligations hereunder or to elect any other remedy. The provisions of this Section 2.25 shall remain in effect until all of the Obligations shall have been paid in full or otherwise fully satisfied. If at any time, any payment, or any part thereof, made in respect of any of the Obligations, is rescinded or must otherwise be restored or returned by the Administrative Agent or any Lender upon the insolvency, bankruptcy or reorganization of any Borrower, or otherwise, the provisions of this Section 2.25 will forthwith be reinstated in effect, as though such payment had not been made.

(j) Each Borrower hereby agrees that it will not enforce any of its rights of contribution or subrogation against any other Borrower with respect to any liability incurred by it hereunder or under any of the other Loan Documents, any payments made by it to the Administrative Agent or Lenders with respect to any of the Obligations or any collateral security therefor until such time

as all of the Obligations have been paid in full in cash. Any claim which any Borrower may have against any other Borrower with respect to any payments to the Administrative Agent or Lender hereunder or under any other Loan Documents are hereby expressly made subordinate and junior in right of payment, without limitation as to any increases in the Obligations arising hereunder or thereunder, to the prior payment in full in cash of the Obligations and, in the event of any insolvency, bankruptcy, receivership, liquidation, reorganization or other similar proceeding under the laws of any jurisdiction relating to any Borrower, its debts or its assets, whether voluntary or involuntary, all such Obligations shall be paid in full in cash before any payment or distribution of any character, whether in cash, securities or other property, shall be made to any other Borrower therefor. Notwithstanding anything to the contrary contained in this Section 2.25, no Borrower shall exercise any rights of subrogation, contribution, indemnity, reimbursement or other similar rights against, and shall not proceed or seek recourse against or with respect to any property or asset of, any other Borrower (the “**Foreclosed Borrower**”), including after payment in full of the Obligations, if all or any portion of the Obligations have been satisfied in connection with an exercise of remedies in respect of the Capital Stock of such Foreclosed Borrower whether pursuant to the Security Documents or otherwise.

(k) Each Borrower hereby agrees that, after the occurrence and during the continuance of any Default or Event of Default, the payment of any amounts due with respect to the indebtedness owing by any Borrower to any other Borrower is hereby subordinated to the prior payment in full in cash of the Obligations. Each Borrower hereby agrees that after the occurrence and during the continuance of any Default or Event of Default, such Borrower will not demand, sue for or otherwise attempt to collect any indebtedness of any other Borrower owing to such Borrower until the Obligations shall have been paid in full in cash. If, notwithstanding the foregoing sentence, such Borrower shall collect, enforce or receive any amounts in respect of such indebtedness, such amounts shall be collected, enforced and received by such Borrower as trustee for the Administrative Agent, and such Borrower shall deliver any such amounts to the Administrative Agent for application to the Obligations in accordance with the terms of this Agreement.

(l) Subject to the foregoing, to the extent that any Borrower shall, under this Agreement as a joint and several obligor, repay any of the Obligations made to another Borrower hereunder or other Obligations incurred directly and primarily by any other Borrower (an “**Accommodation Payment**”), then the Borrower making such Accommodation Payment shall be entitled to contribution and indemnification from, and be reimbursed by, each other Borrower in an amount, for each of such other Borrower, equal to a fraction of such Accommodation Payment, the numerator of which fraction is such other Borrower’s Allocable Amount and the denominator of which is the sum of the Allocable Amounts of all of the Borrowers. As of any date of determination, the “**Allocable Amount**” of each Borrower shall be equal to the maximum amount of liability for Accommodation Payments which could be asserted against such Borrower hereunder without (a) rendering such Borrower “insolvent” within the meaning of Section 101(31) of the Bankruptcy Code, Section 2 of the Uniform Fraudulent Transfer Act (“**UFTA**”) or Section 2 of the Uniform Fraudulent Conveyance Act (“**UFCA**”), (b) leaving such Borrower with unreasonably small capital or assets, within the meaning of Section 548 of the Bankruptcy Code, Section 4 of the UFTA, or Section 5 of the UFCA, or (c) leaving such Borrower unable to pay its debts as they become due within the meaning of Section 548 of the Bankruptcy Code or Section 4 of the UFTA, or Section 5 of the UFCA.

(m) Each entity composing the Borrower hereby irrevocably appoints Bandwidth Inc. as the borrowing agent and attorney-in-fact for all entities composing the Borrower (the “**Administrative Borrower**”), which appointment shall remain in full force and effect unless and until the Administrative Agent shall have received prior written notice signed by each entity composing the Borrower that such

appointment has been revoked and that another entity composing the Borrower has been appointed Administrative Borrower. Each entity composing the Borrower hereby irrevocably appoints and authorizes the Administrative Borrower (a) to provide Agent with all notices with respect to Loans and Letters of Credit obtained for the benefit of any entity composing the Borrower and all other notices and instructions under this Agreement and the other Loan Documents, and (b) to take such action as the Administrative Borrower deems appropriate on its behalf to obtain Loans and Letters of Credit and to exercise such other powers as are reasonably incidental thereto to carry out the purposes of this Agreement and the other Loan Documents.

2.26 Notes. If so requested by any Lender by written notice to the Borrower (with a copy to the Administrative Agent), the Borrower shall execute and deliver to such Lender (and/or, if applicable and if so specified in such notice, to any Person who is an assignee of such Lender pursuant to Section 10.6) (promptly after the Borrower's receipt of such notice) a Note or Notes to evidence such Lender's Loans.

2.27 Incremental Facility.

(a) At any time during the Revolving Commitment Period, the Borrower may request from time to time from one or more existing Lenders or from other Eligible Assignees reasonably acceptable to the Administrative Agent, the Issuing Lender, the Swingline Lender and the Borrower (but subject to the conditions set forth in clause (b) below) that the Total Revolving Commitments be increased by an amount not to exceed the Available Revolving Increase Amount (each such increase, an "**Increase**"); provided that the Borrower may not request an Increase on more than three occasions during the Revolving Commitment Period. No Lender shall be obligated to increase its Revolving Commitments in connection with a proposed Increase. The Administrative Agent shall invite each Lender to provide a portion of the Increase ratably in accordance with its Revolving Percentage of each requested Increase (it being agreed that no Lender shall be obligated to provide an Increase and that any Lender may elect to participate in such Increase in an amount that is less than its Revolving Percentage of such requested Increase or more than its Revolving Percentage of such requested Increase if other Lenders have elected not to participate in any applicable requested Increase in accordance with their Revolving Percentage) and to the extent, 10 Business Days after receipt of invitation, sufficient Lenders do not agree to provide the full amount of such Increase, then the Borrower (or the Administrative Agent, at the request of the Borrower and subject to any agreed upon compensation), shall (or, in the case of the Administrative Agent shall use commercially reasonable efforts to) arrange for any prospective lender that satisfies the criteria of being an "Eligible Assignee" to become a Lender in connection with the proposed Increase. Any Increase shall be in an amount of at least \$5,000,000 (or, if the Available Revolving Increase Amount is less than \$5,000,000, such remaining Available Revolving Increase Amount) and integral multiples of \$100,000 in excess thereof. Additionally, for the avoidance of doubt, it is understood and agreed that in no event shall the aggregate amount of the Increases to the Revolving Commitments exceed the Available Revolving Increase Amount during the term of the Agreement. Each request for an Increase delivered by the Borrower to the Administrative Agent shall set forth the amount and proposed terms of the Increase.

(b) Each of the following shall be conditions precedent to any Increase of the Revolving Commitments in connection therewith:

(i) any Increase shall be on the same terms (including the interest rate, and maturity date), as applicable, as, and pursuant to documentation applicable to, the Revolving Facility then in effect; provided that any such Increase may provide for terms (including interest rate) more favorable

to such Increase lenders, if any existing Revolving Loans at the time of such Increase are also provided the benefit of such more favorable terms (and the consent of any existing Revolving Lender shall not be required to implement such terms); provided further, that any fees shall be agreed between the Borrower and the lenders providing such Increase and shall not be required to be paid to Lenders not providing such Increase;

(ii) the Borrower shall have delivered a written request for such Increase at least 10 Business Days prior to the requested establishment of such Increase (or such later date as may be reasonably approved by the Administrative Agent), which request shall set forth the amount and proposed terms of the Increase;

(iii) each lender agreeing to such Increase, the Borrower and the Administrative Agent shall have signed an Increase Joinder (any Increase Joinder may, with the consent of the Administrative Agent, the Borrower and the lenders agreeing to such Increase, effect such amendments to this Agreement and the other Loan Documents as may be necessary or appropriate to effectuate the provisions of this Section 2.27 (including the preceding clause (ii))), the Borrower shall have executed any Notes requested by any Lender in connection with the making of the Increase, and the Loan Parties shall have delivered any legal opinions, resolutions and customary closing certificates requested by the Administrative Agent. Notwithstanding anything to the contrary in this Agreement or in any other Loan Document, an Increase Joinder reasonably satisfactory to the Administrative Agent, and the amendments to this Agreement effected thereby, shall not require the consent of any Lender other than the Lender(s) agreeing to establish such Increase;

(iv) immediately after giving *pro forma* effect to such Increase and the use of proceeds thereof, each of the conditions precedent in Section 5.2(a) are satisfied (other than in connection with Limited Condition Acquisitions, in which case (i) Section 5.2(a) shall be satisfied only in connection with the Specified Representations and (ii) the Specified Acquisition Agreement Representations shall be true and correct on the date Loans are made under the Increase, but only to the extent that the Borrower (or any of its Affiliates) has the right (taking into account any applicable cure provisions) to terminate its (or such Affiliates') obligations under the Limited Condition Acquisition Agreement, or to decline to consummate the transactions contemplated by the Limited Condition Acquisition Agreement (in each case, in accordance with the terms thereof) as a result of a breach of such Specified Acquisition Agreement Representations);

(v) immediately after giving *pro forma* effect to such Increase and the use of proceeds thereof, (A) no Default or Event of Default shall have occurred and be continuing at the time of such Increase (other than in connection with Limited Condition Acquisitions, in which case there shall be no Default or Event of Default as of the LCA Test Date and no Specified Event of Default immediately after giving effect to such Increase and the use of proceeds thereof) and (B) if a Covenant Testing Trigger Day will be in effect immediately after the incurrence of such Increase and the use of proceeds thereof, the Borrower shall be in compliance on a pro forma basis with the Financial Covenant as of the end of the most recently ended quarter for which financial statements are required to be delivered prior to such Increase, and the Borrower shall have delivered to the Administrative Agent a Compliance Certificate evidencing compliance with the requirements of this clause (v) (provided that, in the case of a Limited Condition Acquisition, such calculation shall be made as of the LCA Test Date, in compliance with Section 1.4);

(vi) in connection with such Increase, the Borrower shall pay to the Administrative Agent, for the benefit of the Administrative Agent or the Increase lenders, as applicable, all fees that the Borrower has agreed to pay in connection with such Increase; and

(vii) upon each Increase in accordance with this Section 2.27, all outstanding Loans, participations hereunder in Letters of Credit and participations hereunder in Swingline Loans held by each Lender shall be reallocated among the Lenders (including any newly added Lenders) in accordance with the Lenders' respective revised Revolving Percentages and L/C Percentages, pursuant to procedures reasonably determined by the Administrative Agent in consultation with the Borrower.

(c) Upon the effectiveness of any Increase, (i) all references in this Agreement and any other Loan Document to the Revolving Loans shall be deemed, unless the context otherwise requires, to include such Increase advanced pursuant to this Section 2.27 and any amendments effected through the Increase Joinder and (ii) all references in this Agreement and any other Loan Document to the Revolving Commitment shall be deemed, unless the context otherwise requires, to include the commitment to advance an amount equal to such Increase pursuant to this Section 2.27.

(d) The Revolving Loans and Revolving Commitments established pursuant to this Section 2.27 shall constitute Revolving Loans and Revolving Commitments under, and shall be entitled to all the benefits afforded by, this Agreement and the other Loan Documents, and shall, without limiting the foregoing, benefit equally and ratably from any guarantees and the security interests created by the Loan Documents. The Borrower shall take any actions reasonably required by Administrative Agent to ensure and demonstrate that the Liens and security interests granted by the Loan Documents continue to be perfected under the UCC or otherwise after giving effect to the establishment of any such new Revolving Commitments.

SECTION 3 LETTERS OF CREDIT

3.1 L/C Commitment.

(a) Subject to the terms and conditions hereof, the Issuing Lender agrees to issue letters of credit ("**Letters of Credit**") for the account of the Borrower on any Business Day during the Letter of Credit Availability Period in such form as may reasonably be approved from time to time by the Issuing Lender; provided that the Issuing Lender shall have no obligation to issue any Letter of Credit if, after giving effect to such issuance, (x) the L/C Exposure would exceed the Total L/C Commitments or (y) the Available Revolving Commitment at such time would be less than zero. Each Letter of Credit shall (i) be denominated in Dollars and (ii) expire no later than the earlier of (x) the first anniversary of its date of issuance and (y) the Letter of Credit Maturity Date, provided that any Letter of Credit with a one-year term may provide for the renewal thereof for additional one-year periods (which shall in no event extend beyond the date referred to in clause (y) above).

(b) The Issuing Lender shall not at any time be obligated to issue any Letter of Credit if:

(i) such issuance would conflict with, or cause the Issuing Lender or any L/C Lender to exceed any limits imposed by, any applicable Requirement of Law;

(ii) any order, judgment or decree of any Governmental Authority or arbitrator shall by its terms purport to enjoin or restrain the Issuing Lender from issuing, amending or

reinstating such Letter of Credit, or any law, rule or regulation applicable to the Issuing Lender or any request, guideline or directive (whether or not having the force of law) from any Governmental Authority with jurisdiction over the Issuing Lender shall prohibit, or request that the Issuing Lender refrain from, the issuance, amendment, renewal or reinstatement of letters of credit generally or such Letter of Credit in particular or shall impose upon the Issuing Lender with respect to such Letter of Credit any restriction, reserve or capital requirement (for which the Issuing Lender is not otherwise compensated) not in effect on the Closing Date, or shall impose upon the Issuing Lender any unreimbursed loss, cost or expense which was not applicable on the Closing Date and which the Issuing Lender in good faith deems material to it;

(iii) the Issuing Lender has received written notice from any Lender, the Administrative Agent or the Borrower, at least 1 Business Day prior to the requested date of issuance, amendment, renewal or reinstatement of such Letter of Credit, that one or more of the applicable conditions contained in Section 5.2 shall not then be satisfied;

(iv) any requested Letter of Credit is not in form and substance acceptable to the Issuing Lender, or the issuance, amendment or renewal of a Letter of Credit shall violate any applicable laws or regulations or any applicable policies of the Issuing Lender;

(v) such Letter of Credit contains any provisions providing for automatic reinstatement of the stated amount after any drawing thereunder;

(vi) except as otherwise agreed by the Administrative Agent and the Issuing Lender, such Letter of Credit is in an initial face amount less than \$250,000; or

(vii) any Lender is at that time a Defaulting Lender, unless the Issuing Lender has entered into arrangements, including the delivery of Cash Collateral pursuant to Section 3.10, satisfactory to the Issuing Lender (in its sole discretion) with the Borrower or such Defaulting Lender to eliminate the Issuing Lender's actual or potential Fronting Exposure (after giving effect to Section 2.24(a)(iv)) with respect to the Defaulting Lender arising from either the Letter of Credit then proposed to be issued or such Letter of Credit and all other L/C Exposure as to which the Issuing Lender has actual or potential Fronting Exposure, as it may elect in its sole discretion.

3.2 Procedure for Issuance of Letters of Credit. The Borrower may from time to time request that the Issuing Lender issue a Letter of Credit for the account of the Borrower by delivering to the Issuing Lender at its address for notices specified herein an Application therefor, completed to the satisfaction of the Issuing Lender, and such other certificates, documents and other papers and information as the Issuing Lender may request. Upon receipt of any Application, the Issuing Lender will process such Application and the certificates, documents and other papers and information delivered to it in connection therewith in accordance with its customary procedures and shall promptly issue the Letter of Credit requested thereby (but in no event shall the Issuing Lender be required to issue any Letter of Credit earlier than 3 Business Days after its receipt of the Application therefor and all such other certificates, documents and other papers and information relating thereto) by issuing the original of such Letter of Credit to the beneficiary thereof or as otherwise may be agreed to by the Issuing Lender and the Borrower. The Issuing Lender shall furnish a copy of such Letter of Credit to the Borrower promptly following the issuance thereof. The Issuing Lender shall promptly furnish to the Administrative Agent, which shall in turn promptly furnish to the Lenders, notice of the issuance of each Letter of Credit (including the amount thereof).

3.3 Fees and Other Charges.

(a) The Borrower agrees to pay, with respect to each outstanding Letter of Credit issued for the account of (or at the request of) the Borrower, (i) a fronting fee of 0.125% per annum on the daily amount available to be drawn under each such Letter of Credit to the Issuing Lender for its own account (a “**Letter of Credit Fronting Fee**”), and (ii) a letter of credit fee equal to the Applicable Margin for SOFR Loans; multiplied by (B) the daily amount available to be drawn under each such Letter of Credit on the drawable amount of such Letter of Credit to the Administrative Agent for the ratable account of the L/C Lenders (determined in accordance with their respective L/C Percentages) (a “**Letter of Credit Fee**”), in each case payable quarterly in arrears on the last Business Day of each fiscal quarter and on the Letter of Credit Maturity Date (each, an “**L/C Fee Payment Date**”) after the issuance date of such Letter of Credit, and (iii) the Issuing Lender’s standard and reasonable fees with respect to the issuance, amendment, renewal or extension of any Letter of Credit issued for the account of (or at the request of) the Borrower or processing of drawings thereunder (the fees in this clause (iii), collectively, the “**Issuing Lender Fees**”). All Letter of Credit Fronting Fees and Letter of Credit Fees shall be computed on the basis of the actual number of days elapsed in a year of 360 days.

(b) In addition to the foregoing fees, the Borrower shall pay or reimburse the Issuing Lender for such normal and customary costs and expenses as are incurred or charged by the Issuing Lender in issuing, negotiating, effecting payment under, amending or otherwise administering any Letter of Credit.

(c) The Borrower shall furnish to the Issuing Lender and the Administrative Agent such other documents and information pertaining to any requested Letter of Credit issuance, amendment or renewal, including any L/C-Related Documents, as the Issuing Lender or the Administrative Agent may require. This Agreement shall control in the event of any conflict with any L/C-Related Document (other than any Letter of Credit).

(d) Any Letter of Credit Fees otherwise payable for the account of a Defaulting Lender with respect to any Letter of Credit as to which such Defaulting Lender has not provided Cash Collateral satisfactory to the Issuing Lender pursuant to Section 3.10 shall be payable, to the maximum extent permitted by applicable law, to the other L/C Lenders in accordance with the upward adjustments in their respective L/C Percentages allocable to such Letter of Credit pursuant to Section 2.24(a)(iv), with the balance of such fee, if any, payable to the Issuing Lender for its own account.

(e) All fees payable under this Section 3.3 shall be fully earned on the date paid and nonrefundable.

3.4 L/C Participations.

(a) **L/C Participations.** The Issuing Lender irrevocably agrees to grant and hereby grants to each L/C Lender, and, to induce the Issuing Lender to issue Letters of Credit, each L/C Lender irrevocably agrees to accept and purchase and hereby accepts and purchases from the Issuing Lender, on the terms and conditions set forth below, for such L/C Lender’s own account and risk an undivided interest equal to such L/C Lender’s L/C Percentage in the Issuing Lender’s obligations and rights under and in respect of each Letter of Credit and the amount of each draft paid by the Issuing Lender thereunder. Each L/C Lender agrees with the Issuing Lender that, if a draft is paid under any Letter of Credit for which the Issuing Lender is not reimbursed in full by the Borrower pursuant to Section 3.5(a), such L/C Lender shall pay to the Issuing Lender upon demand at the Issuing Lender’s address for notices

specified herein an amount equal to such L/C Lender's L/C Percentage of the amount of such draft, or any part thereof, that is not so reimbursed. Each L/C Lender's obligation to pay such amount shall be absolute and unconditional and shall not be affected by any circumstance, including (i) any setoff, counterclaim, recoupment, defense or other right that such L/C Lender may have against the Issuing Lender, the Borrower or any other Person for any reason whatsoever, (ii) the occurrence of a Default or an Event of Default or the failure to satisfy any of the other conditions specified in Section 5.2, (iii) any adverse change in the condition (financial or otherwise) of the Borrower, (iv) any breach of this Agreement or any other Loan Document by the Borrower, any other Loan Party or any other L/C Lender, or (v) any other circumstance, happening or event whatsoever, whether or not similar to any of the foregoing.

3.5 Reimbursement.

(a) If the Issuing Lender shall make any L/C Disbursement in respect of a Letter of Credit, the Issuing Lender shall notify the Borrower and the Administrative Agent thereof and the Borrower shall pay or cause to be paid to the Issuing Lender an amount equal to the entire amount of such L/C Disbursement not later than the immediately following Business Day. Each such payment shall be made to the Issuing Lender at its address for notices referred to herein in Dollars and in immediately available funds; provided that the Borrower may, subject to the satisfaction of the conditions to borrowing set forth herein, request in accordance with Section 2.5 or Section 2.7(a) that such payment be financed with a Revolving Loan or a Swingline Loan, as applicable, in an equivalent amount and, to the extent so financed, the Borrower's obligations to make such payment shall be discharged and replaced by the resulting Revolving Loan or Swingline Loan.

(b) If the Issuing Lender shall not have received from the Borrower the payment that it is required to make pursuant to Section 3.5(a) with respect to a Letter of Credit within the time specified in such Section, the Issuing Lender will promptly notify the Administrative Agent of the L/C Disbursement and the Administrative Agent will promptly notify each L/C Lender of such L/C Disbursement and its L/C Percentage thereof, and each L/C Lender shall pay to the Issuing Lender upon demand at the Issuing Lender's address for notices specified herein an amount equal to such L/C Lender's L/C Percentage of such L/C Disbursement (and the Administrative Agent may apply Cash Collateral provided for this purpose); upon such payment pursuant to this paragraph to reimburse the Issuing Lender for any L/C Disbursement, the Borrower shall be required to reimburse the L/C Lenders for such payments (including interest accrued thereon from the date of such payment until the date of such reimbursement at the rate applicable to Revolving Loans that are ABR Loans plus 2% per annum) on demand; provided that if at the time of and after giving effect to such payment by the L/C Lenders, the conditions to borrowings and Revolving Loan Conversions set forth in Section 5.2 are satisfied, the Borrower may, by written notice to the Administrative Agent certifying that such conditions are satisfied and that all interest owing under this paragraph has been paid, request that such payments by the L/C Lenders be converted into Revolving Loans (a "**Revolving Loan Conversion**"), in which case, if such conditions are in fact satisfied, the L/C Lenders shall be deemed to have extended, and the Borrower shall be deemed to have accepted, a Revolving Loan in the aggregate principal amount of such payment without further action on the part of any party, and the Total L/C Commitments shall be permanently reduced by such amount; any amount so paid pursuant to this paragraph shall, on and after the payment date thereof, be deemed to be Revolving Loans for all purposes hereunder; provided that the Issuing Lender, at its option, may effectuate a Revolving Loan Conversion regardless of whether the conditions to borrowings and Revolving Loan Conversions set forth in Section 5.2 are satisfied.

3.6 Obligations Absolute. The Borrower's obligations under this Section 3 shall be absolute and unconditional under any and all circumstances and irrespective of any setoff, counterclaim or defense to payment that the Borrower may have or have had against the Issuing Lender, any beneficiary of a Letter of Credit or any other Person. The Borrower also agrees with the Issuing Lender that the Issuing Lender shall not be responsible for, and the Borrower's obligations hereunder shall not be affected by, among other things, the validity or genuineness of documents or of any endorsements thereon, even though such documents shall in fact prove to be invalid, fraudulent or forged, or any dispute between or among the Borrower and any beneficiary of any Letter of Credit or any other party to which such Letter of Credit may be transferred or any claims whatsoever of the Borrower against any beneficiary of such Letter of Credit or any such transferee. The Issuing Lender shall not be liable for any error, omission, interruption or delay in transmission, dispatch or delivery of any message or advice, however transmitted, in connection with any Letter of Credit, except for errors or omissions found by a final and nonappealable decision of a court of competent jurisdiction to have resulted from the gross negligence or willful misconduct of the Issuing Lender. The Borrower agrees that any action taken or omitted by the Issuing Lender under or in connection with any Letter of Credit or the related drafts or documents, if done in the absence of gross negligence or willful misconduct, shall be binding on the Borrower and shall not result in any liability of the Issuing Lender to the Borrower.

In addition to amounts payable as elsewhere provided in the Agreement, the Borrower hereby agrees to pay and to protect, indemnify, and save Issuing Lender harmless from and against any and all claims, demands, liabilities, damages, losses, costs, charges and expenses (including reasonable attorneys' fees) that the Issuing Lender may incur or be subject to as a consequence, direct or indirect, of (a) the issuance of any Letter of Credit, or (b) the failure of Issuing Lender or of any L/C Lender to honor a demand for payment under any Letter of Credit as a result of any act or omission, whether rightful or wrongful, of any present or future de jure or de facto government or Governmental Authority, in each case other than to the extent solely as a result of the gross negligence or willful misconduct of Issuing Lender or such L/C Lender (as finally determined by a court of competent jurisdiction).

3.7 Letter of Credit Payments. If any draft shall be presented for payment under any Letter of Credit, the Issuing Lender shall promptly notify the Borrower and the Administrative Agent of the date and amount thereof. The responsibility of the Issuing Lender to the Borrower in connection with any draft presented for payment under any Letter of Credit shall, in addition to any payment obligation expressly provided for in such Letter of Credit, be limited to determining that the documents (including each draft) delivered under such Letter of Credit in connection with such presentment are substantially in conformity with such Letter of Credit.

3.8 Applications. To the extent that any provision of any Application related to any Letter of Credit is inconsistent with the provisions of this Section 3, the provisions of this Section 3 shall apply.

3.9 Interim Interest. If the Issuing Lender shall make any L/C Disbursement in respect of a Letter of Credit, then, unless either the Borrower shall have reimbursed such L/C Disbursement in full within the time period specified in Section 3.5(a) or the L/C Lenders shall have reimbursed such L/C Disbursement in full on such date as provided in Section 3.5(b), in each case the unpaid amount thereof shall bear interest for the account of the Issuing Lender, for each day from and including the date of such L/C Disbursement to but excluding the date of payment by the Borrower, at the rate per annum that would

apply to such amount if such amount were a Revolving Loan that is an ABR Loan; provided that the provisions of Section 2.15(c) shall be applicable to any such amounts not paid when due.

3.10 Cash Collateral.

(a) Certain Credit Support Events. Upon the request of the Administrative Agent or the Issuing Lender (i) if the Issuing Lender has honored any full or partial drawing request under any Letter of Credit and such drawing has resulted in an L/C Advance by all the L/C Lenders that is not reimbursed by the Borrower or converted into a Revolving Loan or Swingline Loan pursuant to Section 3.5(b), or (ii) if, as of the Letter of Credit Maturity Date, any L/C Exposure for any reason remains outstanding, the Borrower shall, in each case, immediately Cash Collateralize the then effective L/C Exposure in an amount equal to 105% of such L/C Exposure.

At any time that there shall exist a Defaulting Lender, within 1 Business Day following the request of the Administrative Agent or the Issuing Lender (with a copy to the Administrative Agent), the Borrower shall deliver to the Administrative Agent Cash Collateral in an amount sufficient to cover 105% of the Fronting Exposure relating to the Letters of Credit (after giving effect to Section 2.24(a)(iv)) and any Cash Collateral provided by such Defaulting Lender).

(b) Grant of Security Interest. All Cash Collateral (other than credit support not constituting funds subject to deposit) shall be maintained in blocked, non-interest bearing deposit accounts with the Administrative Agent. The Borrower, and to the extent provided by any Lender or Defaulting Lender, such Lender or Defaulting Lender, hereby grants to (and subjects to the control of) the Administrative Agent, for the benefit of the Administrative Agent, the Issuing Lender and the L/C Lenders, and agrees to maintain, a first priority security interest and Lien in all such Cash Collateral and in all proceeds thereof, as security for the Obligations to which such Cash Collateral may be applied pursuant to Section 3.10(c). If at any time the Administrative Agent determines that Cash Collateral is subject to any right or claim of any Person other than the Administrative Agent or any Issuing Lender as herein provided, or that the total amount of such Cash Collateral is less than 105% of the applicable L/C Exposure, Fronting Exposure and other Obligations secured thereby, the Borrower or the relevant Lender or Defaulting Lender, as applicable, will, promptly upon demand by the Administrative Agent, pay or provide to the Administrative Agent additional Cash Collateral in an amount sufficient to eliminate such deficiency (after giving effect to any Cash Collateral provided by such Defaulting Lender).

(c) Application. Notwithstanding anything to the contrary contained in this Agreement, Cash Collateral provided under any of this Section 3.10, Section 2.24 or otherwise in respect of Letters of Credit shall be held and applied to the satisfaction of the specific L/C Exposure, obligations to fund participations therein (including, as to Cash Collateral provided by a Defaulting Lender, any interest accrued on such obligation) and other obligations for which the Cash Collateral was so provided, prior to any other application of such property as may otherwise be provided for herein.

(d) Termination of Requirement. Cash Collateral (or the appropriate portion thereof) provided to reduce Fronting Exposure in respect of Letters of Credit or other Obligations shall no longer be required to be held as Cash Collateral pursuant to this Section 3.10 following (i) the elimination of the applicable Fronting Exposure and other Obligations giving rise thereto (including by the termination of the Defaulting Lender status of the applicable Lender), or (ii) a determination by the Administrative Agent and the Issuing Lender that there exists excess Cash Collateral; provided, however, (A) that Cash Collateral furnished by or on behalf of a Loan Party shall not be released during the continuance of an Event of Default, and (B) that, subject to Section 2.24, the Person providing such Cash Collateral and the

Issuing Lender may agree that such Cash Collateral shall not be released but instead shall be held to support future anticipated Fronting Exposure or other obligations, and provided further, that to the extent that such Cash Collateral was provided by the Borrower or any other Loan Party, such Cash Collateral shall remain subject to any security interest and Lien granted pursuant to the Loan Documents including any applicable Cash Management Agreement.

3.11 Additional Issuing Lenders. The Borrower may, at any time and from time to time with the consent of the Administrative Agent (which consent shall not be unreasonably withheld) and such Lender, designate one or more additional Lenders to act as an Issuing Lender under the terms of this Agreement. Any Lender designated as an Issuing Lender pursuant to this paragraph shall be deemed to be an “*Issuing Lender*” (in addition to being a Lender) in respect of Letters of Credit issued or to be issued by such Lender, and, with respect to such Letters of Credit, such term shall thereafter apply to the other Issuing Lender and such Lender.

3.12 Resignation of the Issuing Lender. The Issuing Lender may resign at any time by giving at least 30 days’ prior written notice to the Administrative Agent, the Lenders and the Borrower. Subject to the next succeeding paragraph, upon the acceptance of any appointment as the Issuing Lender hereunder by a Lender that shall agree to serve as successor Issuing Lender, such successor shall succeed to and become vested with all the interests, rights and obligations of the retiring Issuing Lender and the retiring Issuing Lender shall be discharged from its obligations to issue additional Letters of Credit hereunder without affecting its rights and obligations with respect to Letters of Credit previously issued by it. At the time such resignation shall become effective, the Borrower shall pay all accrued and unpaid fees pursuant to Section 3.3. The acceptance of any appointment as the Issuing Lender hereunder by a successor Lender shall be evidenced by an agreement entered into by such successor, in a form satisfactory to the Borrower and the Administrative Agent, and, from and after the effective date of such agreement, (i) such successor Lender shall have all the rights and obligations of the previous Issuing Lender under this Agreement and the other Loan Documents and (ii) references herein and in the other Loan Documents to the term “Issuing Lender” shall be deemed to refer to such successor or to any previous Issuing Lender, or to such successor and all previous Issuing Lenders, as the context shall require. After the resignation of the Issuing Lender hereunder, the retiring Issuing Lender shall remain a party hereto and shall continue to have all the rights and obligations of an Issuing Lender under this Agreement and the other Loan Documents with respect to Letters of Credit issued by it prior to such resignation, but shall not be required to issue additional Letters of Credit or to extend, renew or increase any existing Letter of Credit.

3.13 Applicability of UCP and ISP. Unless otherwise expressly agreed by the Issuing Lender and the Borrower when a Letter of Credit is issued and subject to applicable laws, the Letters of Credit shall be governed by and subject to (a) with respect to standby Letters of Credit, the rules of the ISP, and (b) with respect to commercial Letters of Credit, the rules of the Uniform Customs and Practice for Documentary Credits, as published in its most recent version by the International Chamber of Commerce on the date any commercial Letter of Credit is issued.

SECTION 4 REPRESENTATIONS AND WARRANTIES

To induce the Administrative Agent and the Lenders to enter into this Agreement and to make the Loans and issue the Letters of Credit, the Borrower hereby represents and warrants to the Administrative Agent and each Lender, as to itself and each other Group Member, that:

4.1 Financial Condition. The audited consolidated balance sheets of the Borrower and its Subsidiaries as of December 31, 2021 and the related consolidated statements of income and of cash flows for the fiscal years ended on such dates, present fairly in all material respects the consolidated financial condition of the Borrower and its Subsidiaries as at such date, and the consolidated results of its operations and its consolidated cash flows for the respective fiscal years then ended. All such financial statements, including the related schedules and notes thereto, have been prepared in accordance with GAAP applied consistently throughout the periods involved (except as approved by the aforementioned firm of accountants and disclosed therein). No Group Member has, as of the Closing Date, any material Guarantee Obligations, contingent liabilities, or any long term leases or unusual forward or long term commitments, including any interest rate or foreign currency swap or exchange transaction or other obligation in respect of derivatives, that are not reflected in the most recent financial statements referred to in this paragraph. During the period from December 31, 2021 to and including the date hereof, there has been no Disposition by any Group Member of any material part of its business or property.

4.2 No Change. Since December 31, 2021, there has been no development or event that has had or could reasonably be expected to have a Material Adverse Effect.

4.3 Existence; Compliance with Law. Each Group Member (a) is duly organized, validly existing and in good standing (if applicable) under the laws of the jurisdiction of its organization, (b) has the power and authority, and the legal right, to own and operate its property, to lease the property it operates as lessee and to conduct the business in which it is currently engaged, (c) is duly qualified as a foreign corporation or other organization and in good standing (if applicable) under the laws of each jurisdiction where the failure to be so qualified or in good standing could reasonably be expected to have a Material Adverse Effect and (d) is in compliance with all Requirements of Law except in such instances in which (i) such Requirement of Law is being contested in good faith by appropriate proceedings diligently conducted and the prosecution of such contest could not reasonably be expected to result in a Material Adverse Effect, or (ii) the failure to comply therewith, either individually or in the aggregate, could not reasonably be expected to have a Material Adverse Effect.

4.4 Power, Authorization; Enforceable Obligations. Each Loan Party has the power and authority, and the legal right, to make, deliver and perform the Loan Documents to which it is a party and, in the case of the Borrower, to obtain extensions of credit hereunder. Each Loan Party has taken all necessary organizational action to authorize the execution, delivery and performance of the Loan Documents to which it is a party and, in the case of the Borrower, to authorize the extensions of credit on the terms and conditions of this Agreement. No material Governmental Approval or consent or authorization of, filing with, notice to or other act by or in respect of, any other Person is required in connection with the extensions of credit hereunder or with the execution, delivery, performance, validity or enforceability of this Agreement or any of the Loan Documents, except the filings referred to in [Section 4.19](#). Each Loan Document has been duly executed and delivered on behalf of each Loan Party party thereto. This Agreement constitutes, and each other Loan Document upon execution will constitute, a legal, valid and binding obligation of each Loan Party party thereto, enforceable against each such Loan Party in accordance with its terms, except as enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium or similar laws affecting the enforcement of creditors' rights generally and by general equitable principles (whether enforcement is sought by proceedings in equity or at law).

4.5 No Legal Bar. The execution, delivery and performance of this Agreement and the other Loan Documents, the issuance of Letters of Credit, the extensions of credit hereunder and the use of the proceeds thereof will not violate any Requirement of Law (except as set forth on [Schedule 4.5](#)) or any

material Contractual Obligation of any Group Member and will not result in, or require, the creation or imposition of any Lien on any of their respective properties or revenues pursuant to any Requirement of Law or any such material Contractual Obligation (other than the Liens created by the Security Documents). No Group Member has violated any Requirement of Law or violated or failed to comply with any Contractual Obligation applicable to the Group Members that could reasonably be expected to have a Material Adverse Effect. The absence of obtaining the Governmental Approvals described on Schedule 4.5 and the violations of Requirements of Law referenced on Schedule 4.5 shall not have an adverse effect on any rights of the Lenders or the Administrative Agent pursuant to the Loan Documents.

4.6 Litigation. No litigation, investigation or proceeding of or before any arbitrator or Governmental Authority is pending or threatened in writing by or against any Group Member or against any of their respective properties or revenues (a) with respect to any of the Loan Documents or any of the transactions contemplated hereby or thereby, or (b) that could reasonably be expected to have a Material Adverse Effect.

4.7 No Default. No Group Member is in default under or with respect to any of its Contractual Obligations in any respect that could reasonably be expected to have a Material Adverse Effect. No Default or Event of Default has occurred and is continuing, nor shall either result from the making of a requested credit extension.

4.8 Ownership of Property; Liens; Investments. Each Group Member has title in fee simple to, or a valid leasehold interest in, all of its real property, and good title to, or a valid leasehold interest in, all of its other property, and none of such property is subject to any Lien except as permitted by Section 7.3. No Loan Party owns any Investment except as permitted by Section 7.8. Section 10 of the Collateral Information Certificate sets forth a complete and accurate list of all real property owned by each Loan Party as of the Closing Date, if any. The Collateral Information Certificate sets forth a complete and accurate list of all leases of real property under which any Loan Party is the lessee as of the Closing Date.

4.9 Intellectual Property. Each Group Member owns, or is licensed to use, all Intellectual Property necessary for the conduct of its business as currently conducted. No claim has been asserted in writing and is pending by any Person challenging or questioning any Group Member's use of any Intellectual Property or the validity or effectiveness of any Group Member's Intellectual Property. The use of Intellectual Property by each Group Member, and the conduct of such Group Member's business, as currently conducted, does not infringe on or otherwise violate the rights of any Person, unless such infringement could not reasonably be expected to have a Material Adverse Effect, and there are no claims pending or, to the knowledge of any Group Member, threatened to such effect.

4.10 Taxes. Each Group Member has filed or caused to be filed all Federal, state and other material tax returns that are required to be filed (taking into account any extensions granted or grace periods in effect) excluding any failure to file a tax return or returns involving aggregate taxes in an amount less than \$2,500,000 and has paid all taxes owed by the Group Members shown to be due and payable on said returns or on any assessments made against it or any of its property and all other taxes, fees or other charges imposed on it or any of its property by any Governmental Authority (other than any taxes, charges or assessments the amount or validity of which are currently being contested in good faith by appropriate proceedings and with respect to which reserves in conformity with GAAP have been provided on the books of the relevant Group Member or where the amount is less than \$2,500,000 in the aggregate).

4.11 Federal Regulations. The Borrower is not engaged and will not engage, principally or as one of its important activities, in the business of “buying” or “carrying” “margin stock” (within the respective meanings of each of the quoted terms under Regulation U as now and from time to time hereafter in effect) or extending credit for the purpose of purchasing or carrying margin stock. No part of the proceeds of any Loans, and no other extensions of credit hereunder, will be used for buying or carrying any such margin stock or for extending credit to others for the purpose of purchasing or carrying margin stock in violation of Regulations T, U or X of the Board. If any margin stock directly or indirectly constitutes Collateral securing the Obligations, if requested by any Lender or the Administrative Agent, the Borrower will furnish to the Administrative Agent and each Lender a statement to the foregoing effect in conformity with the requirements of FR Form G-3 or FR Form U-1, as applicable, referred to in Regulation U.

4.12 Labor Matters. Except as, in the aggregate, could not reasonably be expected to have a Material Adverse Effect: (a) there are no strikes or other labor disputes against any Group Member pending or, to the knowledge of the Group Members, threatened; (b) hours worked by and payment made to employees of each Group Member have not been in violation of the Fair Labor Standards Act or any other applicable Requirement of Law dealing with such matters; and (c) all payments due from any Group Member on account of employee health and welfare insurance have been paid or accrued as a liability on the books of the relevant Group Member.

4.13 ERISA.

(a) Schedule 4.13 sets forth a complete and accurate list of all Pension Plans maintained or sponsored by the Borrower or any ERISA Affiliate or to which the Borrower or any ERISA Affiliate contributes as of the Closing Date;

(b) the Borrower and its ERISA Affiliates are in compliance in all material respects with all applicable provisions and requirements of ERISA with respect to each Plan, and have performed all their obligations under each Plan;

(c) no ERISA Event has occurred or is reasonably expected to occur;

(d) the Borrower and each of its ERISA Affiliates have met all applicable requirements under the ERISA Funding Rules with respect to each Pension Plan, and no waiver of the minimum funding standards under the ERISA Funding Rules has been applied for or obtained;

(e) as of the most recent valuation date for any Pension Plan, the funding target attainment percentage (as defined in Section 430(d)(2) of the Code) is at least 60%, and neither the Borrower nor any of its ERISA Affiliates knows of any facts or circumstances that could reasonably be expected to cause the funding target attainment percentage to fall below 60% as of the most recent valuation date;

(f) except to the extent required under Section 4980B of the Code, or as described on Schedule 4.13, no Plan provides health or welfare benefits (through the purchase of insurance or otherwise) for any retired or former employee of the Borrower or any of its ERISA Affiliates;

(g) as of the most recent valuation date for any Pension Plan, the amount of outstanding benefit liabilities (as defined in Section 4001(a)(18) of ERISA), individually or in the aggregate for all Pension Plans (excluding for purposes of such computation any Pension Plans with respect to which assets exceed benefit liabilities), does not exceed \$1,000,000;

(h) the execution and delivery of this Agreement and the consummation of the transactions contemplated hereunder will not involve any transaction that is subject to the prohibitions of Section 406 of ERISA or in connection with which taxes could be imposed pursuant to Section 4975(c)(1)(A)-(D) of the Code;

(i) all liabilities under each Plan are (i) funded to at least the minimum level required by law or, if higher, to the level required by the terms governing the Plans, (ii) insured with a reputable insurance company, (iii) provided for or recognized in the financial statements most recently delivered to the Administrative Agent and the Lenders pursuant hereto or (iv) estimated in the formal notes to the financial statements most recently delivered to the Administrative Agent and the Lenders pursuant hereto;

(j) there are no circumstances which may give rise to a liability in relation to any Plan which is not funded, insured, provided for, recognized or estimated in the manner described in clause (g); and

(k) (i) the Borrower is not and will not be a “plan” within the meaning of Section 4975(e) of the Code; (ii) the assets of the Borrower do not and will not constitute “plan assets” within the meaning of the United States Department of Labor Regulations set forth in 29 C.F.R. §2510.3-101; (iii) the Borrower is not and will not be a “governmental plan” within the meaning of Section 3(32) of ERISA; and (iv) transactions by or with the Borrower are not and will not be subject to state statutes applicable to the Borrower regulating investments of fiduciaries with respect to governmental plans;

with respect to the preceding clauses (b) through (k), except as, in the aggregate, could not reasonably be expected to result in a Material Adverse Effect.

4.14 Investment Company Act; Other Regulations. No Loan Party is an “investment company,” or a company “controlled” by an “investment company,” within the meaning of the Investment Company Act of 1940, as amended. Except as set forth on Schedule 4.5, no Loan Party is subject to regulation under any Requirement of Law (other than Regulation X of the Board) that limits its ability to incur Indebtedness or which may otherwise render all or any portion of the Obligations unenforceable.

4.15 Subsidiaries.

(a) Except as disclosed to the Administrative Agent by the Borrower in writing from time to time after the Closing Date, (a) Schedule 4.15 sets forth the name and jurisdiction of organization of each Subsidiary of the Borrower and, as to each such Subsidiary, the percentage of each class of Capital Stock owned by any Loan Party, and (b) there are no outstanding subscriptions, options, warrants, calls, rights or other agreements or commitments (other than equity awards granted to employees, officers, consultants or directors and directors’ qualifying shares) of any nature relating to any Capital Stock of any Group Member, except as may be created by the Loan Documents.

(b) No Subsidiary which has been designated as an Immaterial Subsidiary fails to satisfy the limitations set forth in the definition thereof.

4.16 Use of Proceeds. The proceeds of the Revolving Loans, Swingline Loans and Letters of Credit shall be used to pay fees and expenses contemplated hereunder and for general corporate purposes (including Permitted Acquisitions).

4.17 Environmental Matters. Except as, in the aggregate, could not reasonably be expected to have a Material Adverse Effect:

(a) except as disclosed on Schedule 4.17, the facilities and properties owned, leased or operated by any Group Member (the “*Properties*”) do not contain, and have not previously contained, any Materials of Environmental Concern in amounts or concentrations or under circumstances that constitute or have constituted a violation of, or could give rise to liability under, any Environmental Law;

(b) no Group Member has received or is aware of any notice of violation, alleged violation, non-compliance, liability or potential liability regarding environmental matters or compliance with Environmental Laws with regard to any of the Properties or the business operated by any Group Member (the “*Business*”), nor does any Group Member have knowledge or reason to believe that any such notice will be received or is being threatened;

(c) no Group Member has transported or disposed of Materials of Environmental Concern from the Properties in violation of, or in a manner or to a location that could give rise to liability under, any Environmental Law, nor has any Group Member generated, treated, stored or disposed of Materials of Environmental Concern at, on or under any of the Properties in violation of, or in a manner that could give rise to liability under, any applicable Environmental Law;

(d) no judicial proceeding or governmental or administrative action is pending or, to the knowledge of any Group Member, threatened, under any Environmental Law to which any Group Member is or will be named as a party with respect to the Properties or the Business, nor are there any consent decrees or other decrees, consent orders, administrative orders or other orders, or other administrative or judicial requirements outstanding under any Environmental Law with respect to the Properties or the Business;

(e) there has been no release or threat of release of Materials of Environmental Concern at or from the Properties arising from or related to the operations of any Group Member or otherwise in connection with the Business, in violation of or in amounts or in a manner that could give rise to liability under Environmental Laws;

(f) the Properties and all operations of the Group Members at the Properties are in compliance, and have in the last five years been in compliance, with all applicable Environmental Laws, and except as set forth on Schedule 4.17, to the knowledge of the Borrower, there is no contamination at, under or about the Properties or violation of any Environmental Law with respect to the Properties or the Business; and

(g) no Group Member has assumed any liability of any other Person under Environmental Laws.

4.18 Accuracy of Information, etc. No statement or information contained in this Agreement, any other Loan Document or any other document, certificate or statement furnished by or on behalf of any Loan Party to the Administrative Agent or the Lenders, or any of them, for use in connection with the transactions contemplated by this Agreement or the other Loan Documents, contained as of the date such statement, information, document or certificate was so furnished, any untrue statement of a material fact or omitted to state a material fact necessary to make the statements contained herein or therein not misleading in light of the circumstances under which such statement, information, document or certificate was furnished. The projections contained in the materials referenced above are based upon

good faith estimates and assumptions believed by management of the Borrower to be reasonable at the time made, it being recognized by the Lenders that such financial information as it relates to future events is not to be viewed as fact and that actual results during the period or periods covered by such financial information may differ from the projected results set forth therein by a material amount. There is no fact known to any Loan Party that could reasonably be expected to have a Material Adverse Effect that has not been expressly disclosed herein, in the other Loan Documents or in any other documents, certificates and statements furnished to the Administrative Agent and the Lenders for use in connection with the transactions contemplated hereby and by the other Loan Documents.

4.19 Security Documents.

(a) The Guarantee and Collateral Agreement is effective to create in favor of the Administrative Agent, for the benefit of the Secured Parties, a legal, valid and enforceable security interest in the Collateral described therein and proceeds thereof. In the case of the Pledged Stock described in the Guarantee and Collateral Agreement that are securities represented by stock certificates or otherwise constituting certificated securities within the meaning of Section 8-102(a)(15) of the UCC or the corresponding code or statute of any other applicable jurisdiction (“*Certificated Securities*”), when certificates representing such Pledged Stock are delivered to the Administrative Agent, and in the case of the other Collateral constituting personal property described in the Guarantee and Collateral Agreement, when financing statements and other filings specified on Schedule 4.19(a) in appropriate form are filed in the offices specified on Schedule 4.19(a), the Administrative Agent, for the benefit of the Secured Parties, shall have a fully perfected Lien on, and security interest in, all right, title and interest of the Loan Parties in such Collateral and the proceeds thereof, as security for the Obligations, in each case prior and superior in right to any other Person (except, in the case of Collateral other than Pledged Stock, Liens permitted by Section 7.3). As of the Closing Date, none of the Capital Stock of any Group Member that is a limited liability company or partnership has any Capital Stock that is a Certificated Security.

(b) Each of the Mortgages delivered after the Closing Date will be, upon execution, effective to create in favor of the Administrative Agent, for the benefit of the Secured Parties, a legal, valid and enforceable Lien on the Mortgaged Properties described therein and proceeds thereof, and when the Mortgages are filed in the offices for the applicable jurisdictions in which the Mortgaged Properties are located, each such Mortgage shall constitute a fully perfected Lien on, and security interest in, all right, title and interest of the Loan Parties in the Mortgaged Properties and the proceeds thereof, as security for the Obligations (as defined in the relevant Mortgage), in each case prior and superior in right to any other Person.

4.20 Solvency; Voidable Transaction. The Loan Parties are, on a consolidated basis taken as a whole, and after giving effect to the incurrence of all Indebtedness, Obligations and obligations being incurred in connection herewith, will be Solvent. No transfer of property is being made by any Loan Party and no obligation is being incurred by any Loan Party in connection with the transactions contemplated by this Agreement or the other Loan Documents with the intent to hinder, delay, or defraud either present or future creditors of such Loan Party.

4.21 Regulation H. No Mortgage encumbers improved real property that is located in an area that has been identified by the Secretary of Housing and Urban Development as an area having special

flood hazards and in which flood insurance has not been made available under the National Flood Insurance Act of 1968.

4.22 Designated Senior Indebtedness. The Loan Documents and all of the Obligations have been deemed “Designated Senior Indebtedness” or a similar concept thereto, if applicable, for purposes of any indebtedness of any Loan Party for borrowed money or any obligations of any Loan Party evidenced by notes, bonds, debentures or other similar instruments.

4.23 [Reserved].

4.24 Insurance. All insurance maintained by the Loan Parties is in full force and effect, all premiums have been duly paid, no Loan Party has received notice of violation or cancellation thereof, and there exists no default under any requirement of such insurance. Each Loan Party maintains insurance with financially sound and reputable insurance companies on all its property in at least such amounts and against at least such risks (but including in any event public liability, product liability, and business interruption) as are usually insured against in the same general area by companies engaged in the same or a similar business.

4.25 No Casualty. No Loan Party has received any notice of, nor does any Loan Party have any knowledge of, the occurrence or pendency or contemplation of any Casualty Event affecting any portion of its property that could reasonably be expected to have a Material Adverse Effect.

4.26 [Reserved].

4.27 [Reserved].

4.28 OFAC. No Group Member, nor, to the knowledge of any Group Member, any director, officer, employee, agent, affiliate or representative thereof, is an individual or an entity that is, or is owned or controlled by an individual or entity that is (a) currently the subject of any Sanctions, or (b) located, organized or resident in a Designated Jurisdiction.

4.29 Anti-Corruption Laws. Each Group Member has conducted its business in compliance with applicable anti-corruption laws and has instituted and maintained appropriate policies and procedures designed to promote and achieve compliance with such laws.

SECTION 5 CONDITIONS PRECEDENT

5.1 Conditions to Closing Date. The effectiveness of this Agreement and the obligation of each Lender to make its initial extension of credit hereunder shall be subject to the satisfaction or waiver, prior to or concurrently with the occurrence of the Closing Date, of the following conditions precedent:

(a) Loan Documents. The Administrative Agent shall have received each of the following, each of which shall be in form and substance satisfactory to the Administrative Agent:

(i) this Agreement, executed and delivered by the Administrative Agent, the Borrower and each Lender listed on Schedule 1.1A;

- (ii) the Collateral Information Certificate executed by a Responsible Officer of the Borrower;
- (iii) if required by any Revolving Lender, a Revolving Loan Note executed by the Borrower in favor of such Revolving Lender;
- (iv) if required by the Swingline Lender, the Swingline Loan Note executed by the Borrower in favor of such Swingline Lender;
- (v) the Guarantee and Collateral Agreement, executed and delivered by each Grantor named therein;
- (vi) each Intellectual Property Security Agreement, executed and delivered by each Grantor named therein; and
- (vii) each other Security Document required to be delivered on the Closing Date, executed and delivered by the applicable Loan Party party thereto.

(b) [Reserved].

(c) Approvals. All Governmental Approvals and consents and approvals of, or notices to, any other Person (including the holders of any Capital Stock issued by any Loan Party) required in connection with the execution and performance of the Loan Documents, and the consummation of the transactions contemplated hereby, shall have been obtained and be in full force and effect.

(d) Secretary's or Managing Member's Certificates; Certified Operating Documents; Good Standing Certificates. The Administrative Agent shall have received (i) a certificate of each Loan Party, dated the Closing Date and executed by the Secretary, Managing Member or equivalent officer of such Loan Party, substantially in the form of Exhibit C, with appropriate insertions and attachments, including (A) the Operating Documents of such Loan Party certified, in the case of formation documents, as of a recent date by the secretary of state or similar official of the relevant jurisdiction of organization of such Loan Party, (B) the relevant board resolutions or written consents of such Loan Party adopted by such Loan Party for the purposes of authorizing such Loan Party to enter into and perform the Loan Documents to which such Loan Party is party, and (C) the names, titles, incumbency and signature specimens of those representatives of such Loan Party who have been authorized by such resolutions and/or written consents to execute Loan Documents on behalf of such Loan Party, (ii) a long form good standing certificate for each Loan Party from its respective jurisdiction of organization, and (iii) certificates of foreign qualification from each jurisdiction where the failure of a Loan Party to be qualified could reasonably be expected to have a Material Adverse Effect.

(e) Responsible Officer's Certificates. The Administrative Agent shall have received a certificate signed by a Responsible Officer, dated as of the Closing Date and in form and substance reasonably satisfactory to it, certifying (A) that the conditions specified in Sections 5.2(a) and (d) have been satisfied, and (B) that there has been no event or circumstance since December 31, 2021, that has had or that could reasonably be expected to have, either individually or in the aggregate, a Material Adverse Effect.

(f) Patriot Act, etc. The Administrative Agent and each Lender shall have received, prior to the Closing Date, all documentation and other information requested to comply with applicable

“know your customer” and anti-money-laundering rules and regulations, including the Patriot Act, and a properly completed and signed IRS Form W-8 or W-9, as applicable, for each Loan Party.

(g) Due Diligence Investigation. The Administrative Agent shall have completed a due diligence investigation of the Group Members in scope, and with results, satisfactory to the Administrative Agent and shall have been given such access to the management, records, books of account, contracts and properties of the Group Members and shall have received such financial, business and other information regarding each of the foregoing Persons and businesses as it shall have requested.

(h) Reports. The Administrative Agent shall have received, in form and substance satisfactory to it, all asset appraisals, field audits, and such other reports and certifications, as it has reasonably requested.

(i) [Reserved].

(j) Collateral Matters.

(i) Lien Searches. The Administrative Agent shall have received the results of recent lien, judgment and litigation searches in each of the jurisdictions reasonably required by the Administrative Agent, and such searches shall reveal no Liens on any of the assets of the Loan Parties except for Liens permitted by Section 7.3, or Liens to be discharged on or prior to the Closing Date.

(ii) Pledged Stock; Stock Powers; Pledged Notes. The Administrative Agent shall have received (A) the certificates representing the shares of Capital Stock pledged to the Administrative Agent (for the benefit of the Secured Parties) pursuant to the Guarantee and Collateral Agreement or other applicable Security Document, together with an undated stock power for each such certificate executed in blank by a duly authorized officer of the pledgor thereof, and (B) each promissory note (if any) pledged to the Administrative Agent (for the benefit of the Secured Parties) pursuant to the Guarantee and Collateral Agreement or other applicable Security Document, endorsed (without recourse) in blank (or accompanied by an executed transfer form in blank) by the pledgor thereof.

(k) Filings, Registrations, Recordings, Agreements, Etc. Subject to the provisions of Section 5.3, each document (including any UCC financing statements, Intellectual Property Security Agreements, Deposit Account Control Agreements and Securities Account Control Agreements) required by the Security Documents or under law or reasonably requested by the Administrative Agent to be filed, registered or recorded to create in favor of the Administrative Agent (for the benefit of the Secured Parties), a perfected Lien on the Collateral described therein, prior and superior in right and priority to any Lien in the Collateral held by any other Person (other than with respect to Liens expressly permitted by Section 7.3), shall have been executed and delivered to the Administrative Agent or, as applicable, be in proper form for filing, registration or recordation.

(l) [Reserved].

(m) Insurance. Subject to Section 5.3, the Administrative Agent shall have received insurance certificates satisfying the requirements of Section 6.6 hereof and Section 5.2(b) of the Guarantee and Collateral Agreement in form and substance satisfactory to the Administrative Agent.

(n) Fees. The Lenders and the Administrative Agent shall have received all fees required to be paid on or prior to the Closing Date (including pursuant to the Fee Letter), and all reasonable and documented fees and expenses for which invoices have been presented (including the

reasonable and documented fees and expenses of legal counsel to the Administrative Agent) for payment on or before the Closing Date.

(o) Legal Opinions. The Administrative Agent shall have received the executed legal opinion of Latham & Watkins LLP, counsel to the Borrower, in form and substance reasonably satisfactory to the Administrative Agent.

(p) Borrowing Notices. The Administrative Agent shall have received, in respect of any Revolving Loans, if any, to be made on the Closing Date, a completed Notice of Borrowing executed by the Borrower and otherwise complying with the requirements of Section 2.5.

(q) Solvency Certificate. The Administrative Agent shall have received a Solvency Certificate from the chief financial officer or treasurer of the Borrower with respect to the Solvency of the Loan Parties.

(r) No Material Adverse Effect. There shall not have occurred since December 31, 2021, any event or condition that has had or could be reasonably expected to have, individually or in the aggregate, a Material Adverse Effect.

(s) No Litigation. No litigation, investigation or proceeding of or before any arbitrator or Governmental Authority is pending or, to the knowledge of any Group Member, threatened, that could reasonably be expected to have a Material Adverse Effect.

For purposes of determining compliance with the conditions specified in this Section 5.1, each Lender that has executed this Agreement shall be deemed to have consented to, approved or accepted or to be satisfied with, each document or other matter either sent (or made available) by the Administrative Agent to such Lender for consent, approval, acceptance or satisfaction, or required thereunder to be consented to or approved by or acceptable or satisfactory to such Lender, unless an officer of the Administrative Agent responsible for the transactions contemplated by the Loan Documents shall have received notice from such Lender prior to the Closing Date specifying such Lender's objection thereto and either such objection shall not have been withdrawn by notice to the Administrative Agent to that effect on or prior to the Closing Date or, if any extension of credit on the Closing Date has been requested, such Lender shall not have made available to the Administrative Agent on or prior to the Closing Date such Lender's Revolving Percentage of such requested extension of credit.

5.2 Conditions to Each Extension of Credit. The agreement of each Lender to make any extension of credit requested to be made by it on any date (including its initial extension of credit) is subject to the satisfaction of the following conditions precedent:

(a) Representations and Warranties. Each of the representations and warranties made by each Loan Party in or pursuant to any Loan Document (i) that is qualified by materiality shall be true and correct, and (ii) that is not qualified by materiality, shall be true and correct in all material respects, in each case, on and as of such date as if made on and as of such date, except to the extent any such representation and warranty expressly relates to an earlier date, in which case such representation and warranty shall have been true and correct in all material respects (or all respects, as applicable) as of such earlier date, subject to the limitations set forth in Section 1.4 concerning Limited Condition Acquisitions.

(b) Availability. With respect to any requests for any Revolving Extensions of Credit, after giving effect to such Revolving Extension of Credit, the availability and borrowing limitations specified in Section 2.4 shall be complied with.

(c) Notices of Borrowing. The Administrative Agent shall have received a Notice of Borrowing in connection with any such request for extension of credit which complies with the requirements hereof.

(d) No Default. No Default or Event of Default shall have occurred and be continuing as of or on such date or after giving effect to the extensions of credit requested to be made on such date and the use of proceeds thereof (other than in connection with Limited Condition Acquisitions as set forth in Section 1.4, in which case there shall be (i) no Default or Event of Default as of the LCA Test Date and (ii) no Specified Event of Default as of or on the date of such Revolving Extension of Credit or after giving effect to the extensions of credit requested to be made on such date and the use of proceeds thereof).

Each borrowing by and issuance of a Letter of Credit on behalf of the Borrower hereunder and each Revolving Loan Conversion shall constitute a representation and warranty by the Borrower as of the date of such extension of credit, or Revolving Loan Conversion, as applicable, that the conditions contained in this Section 5.2 have been satisfied.

5.3 Post-Closing Obligations. The Borrower shall satisfy each of the conditions below to the reasonable satisfaction of the Administrative Agent, in each case, by no later than the date specified for such condition below (or such later date as the Administrative Agent shall agree in its sole discretion):

(a) within 90 days after the Closing Date, the Administrative Agent shall have received Control Agreements, in form and substance reasonably satisfactory to the Administrative Agent, duly executed by each applicable Loan Party and the applicable financial institution, with respect to all Deposit Accounts and Securities Accounts (other than Excluded Accounts (as defined in the Guarantee and Collateral Agreement) and Deposit Accounts maintained with SVB) of the Loan Parties;

(b) within 30 days after the Closing Date, the Administrative Agent shall have received insurance certificates and endorsements satisfying the requirements of Section 6.6 hereof and Section 5.2(b) of the Guarantee and Collateral Agreement, in form and substance reasonably satisfactory to the Administrative Agent; and

(c) within 30 days after the Closing Date, the Administrative Agent shall have received evidence that (i) all Intellectual Property indicated in the Collateral Information Certificate as being owned by Voxbone has been assigned to the Borrower and (ii) appropriate intellectual property filings have been filed to ensure that all registered U.S. Intellectual Property constituting Collateral owned by the Borrower is indicated in the public record as being owned by Bandwidth Inc.

SECTION 6 AFFIRMATIVE COVENANTS

The Borrower hereby agrees that, at all times prior to the Discharge of Obligations, each of the Loan Parties shall, and, where applicable, shall cause each of its Subsidiaries to:

6.1 Financial Statements. Furnish to the Administrative Agent for distribution to each Lender:

(a) no later than 90 days after the end of each fiscal year of the Borrower, a copy of the audited consolidated balance sheet of the Borrower and its consolidated Subsidiaries as at the end of such fiscal year and the related audited consolidated statements of income and of cash flows for such

fiscal year, setting forth in each case in comparative form the figures for the previous year together with a management discussion and analysis, reported on without a “going concern” or like qualification or exception (other than a “going concern” or like qualification or exception solely as a result of either (i) an anticipated breach of the Financial Covenant or (ii) the final maturity date of any Loan, any Permitted Convertible Indebtedness (including the Convertible Notes) or any Permitted Equity Derivative Transactions (including the Capped Call Transactions) being scheduled to occur within 12 months from the date of such opinion), or qualification arising out of the scope of the audit, by Ernst & Young or other independent certified public accountants of nationally recognized standing and reasonably acceptable to the Administrative Agent;

(b) no later than 45 days after the end of each of the first three fiscal quarters of each fiscal year of the Borrower (commencing with the fiscal quarter ending March 31, 2022), the unaudited consolidated balance sheet of the Borrower and its consolidated Subsidiaries as at the end of such fiscal quarter and the related unaudited consolidated statements of income and of cash flows for such fiscal quarter and the portion of the fiscal year through the end of such quarter, setting forth in each case in comparative form the figures for the previous year together with a management discussion and analysis, certified by a Responsible Officer as being fairly stated in all material respects.

All such financial statements shall be complete and correct in all material respects and shall be prepared in reasonable detail and in accordance with GAAP (except in the case of interim statements for the absence of footnotes and normal year-end adjustments) applied (except as approved by such accountants or officer, as the case may be, and disclosed in reasonable detail therein) consistently throughout the periods reflected therein and with prior periods.

Additionally, documents required to be delivered pursuant to this Section 6.1 and Section 6.2(e) (to the extent any such documents are included in materials otherwise filed with the SEC) may be delivered electronically and, shall be deemed to have been delivered on the date on which the Borrower posts such documents, or provides a link thereto, either: (i) on the Borrower’s website on the Internet at the website address listed in Section 10.2; (ii) when such documents are posted electronically on the Borrower’s behalf on an internet or intranet website to which each Lender and the Administrative Agent have access (whether a commercial, third-party website or whether sponsored by the Administrative Agent), if any; or (iii) on which the Borrower files such documents with the SEC and such documents are publicly available on the SEC’s EDGAR filing system or any successor thereto, if any.

6.2 Certificates; Reports; Other Information. Furnish (or, in the case of clause (a), use commercially reasonable efforts to furnish) to the Administrative Agent, for distribution to each Lender (or in the case of clause (g), to the relevant Lender):

(a) [reserved];

(b) within 5 Business Days of the Borrower’s delivery of any financial statements pursuant to Section 6.1, (i) a certificate of a Responsible Officer of the Borrower stating that, to the best of such Responsible Officer’s knowledge, each Loan Party during such period has observed or performed all of its covenants and other agreements, and satisfied every condition contained in this Agreement and the other Loan Documents to which it is a party to be observed, performed or satisfied by it, and that such Responsible Officer has obtained no knowledge of any Default or Event of Default except as specified in such certificate, (ii) a Compliance Certificate containing all information and calculations necessary for determining compliance by each Loan Party with the provisions of this Agreement referred to therein as of the last day of the applicable period of the Borrower and, whether or not the Financial Covenant is to

be tested with respect to such fiscal quarter, calculating the Adjusted Quick Ratio as of the last day of such fiscal quarter, and (y) to the extent not previously disclosed to the Administrative Agent, a description of any change in the jurisdiction of organization of any Loan Party, and (z) to the extent not previously disclosed to the Administrative Agent, a list of any registered Intellectual Property issued to, applied for, or acquired by any Loan Party since the date of the most recent report delivered pursuant to this clause (z) (or, in the case of the first such report so delivered, since the Closing Date) and (iii) in the case of financial statements delivered pursuant to Section 6.1(a), updated insurance certificates evidencing the insurance coverage required to be maintained pursuant to Section 6.6;

(c) as soon as available, and in any event no later than 90 days after the end of each fiscal year of the Borrower, a detailed consolidated board of director approved operating budget for the following fiscal year (including a projected consolidated balance sheet of the Borrower and its Subsidiaries as of the end of each fiscal quarter of such fiscal year, the related consolidated statements of projected cash flow, projected changes in financial position and projected income and a description of the underlying assumptions applicable thereto), and, within 5 Business Days (or such longer period as the Administrative Agent may agree in its sole discretion) after the same have become available, material revisions, if any, of such operating budget and projections with respect to such fiscal year to the extent approved by the board of directors of the Borrower (collectively, the “*Projections*”) which Projections shall in each case be accompanied by a certificate of a Responsible Officer stating that such Projections are based on reasonable estimates, information and assumptions and that such Responsible Officer has no reason to believe that such Projections are incorrect or misleading in any material respect, it being recognized by the Lenders that such financial information as it relates to future events is not to be viewed as fact and that actual results during the period or periods covered by such financial information may differ from the projected results set forth therein by a material amount;

(d) promptly, and in any event within 5 Business Days after receipt thereof by any Group Member, copies of each notice or other correspondence received from the SEC (or comparable agency in any applicable non-U.S. jurisdiction) concerning any investigation or possible investigation or other inquiry by such agency regarding financial or other operational results of any Group Member (other than routine comment letters from the staff of the SEC relating to the Borrower’s filings with the SEC);

(e) subject to the final paragraph of Section 6.1, within 5 days after the same are sent, copies of each annual report, proxy or financial statement or other material report that any Group Member sends to the holders of any class of its Indebtedness or public equity securities and, within 5 days after the same are filed, copies of all annual, regular, periodic and special reports and registration statements which any Group Member may file with the SEC under Section 13 or 15(d) of the Exchange Act, or with any national securities exchange, and not otherwise required to be delivered to the Administrative Agent pursuant hereto;

(f) upon request by the Administrative Agent, within 5 days after the same are sent or received, copies of all correspondence, reports, documents and other filings with any Governmental Authority regarding compliance with or maintenance of Governmental Approvals or Requirements of Law or that could reasonably be expected to have a Material Adverse Effect on any of the Governmental Approvals or otherwise on the operations of the Group Members; and

(g) promptly, such additional financial and other information, including, without limitation, any evidence confirming Borrower’s compliance with the terms of this Agreement, as the Administrative Agent or any Lender may from time to time reasonably request.

6.3 [Reserved].

6.4 Payment of Obligations. Pay, discharge or otherwise satisfy at or before maturity or before they become delinquent (after giving effect to any extensions granted or grace periods then in effect), as the case may be, all its material obligations of whatever nature, except where the amount or validity thereof is currently being contested in good faith by appropriate proceedings and reserves in conformity with GAAP with respect thereto have been provided on the books of the relevant Group Member.

6.5 Maintenance of Existence; Compliance. (a)(i) Preserve, renew and keep in full force and effect its organizational existence and (ii) take all reasonable action to maintain or obtain all Governmental Approvals and all other rights, privileges and franchises necessary or desirable in the normal conduct of its business or necessary for the performance by such Person of its Obligations under any Loan Document, except, in each case, as otherwise permitted by Section 7.4 and except, in the case of clause (ii) above, to the extent that failure to do so could not reasonably be expected to have a Material Adverse Effect; (b) comply with all Contractual Obligations (including with respect to leasehold interests of the Borrower) and Requirements of Law except to the extent that failure to comply therewith could not, in the aggregate, reasonably be expected to have a Material Adverse Effect; and (c) comply with all Governmental Approvals, and any term, condition, rule, filing or fee obligation, or other requirement related thereto, except to the extent that failure to do so could not reasonably be expected to have a Material Adverse Effect. Without limiting the generality of the foregoing, the Borrower shall, and shall cause each of its ERISA Affiliates to, except as could not, in the aggregate, reasonably be expected to have a Material Adverse Effect: (1) maintain each Plan in compliance in all material respects with the applicable provisions of ERISA, the Code or other Federal or state law; (2) cause each Qualified Plan to maintain its qualified status under Section 401(a) of the Code; (3) make all required material contributions to any Plan; (4) not become a party to any Multiemployer Plan; (5) ensure that all liabilities under each Plan are either (x) funded to at least the minimum level required by law or, if higher, to the level required by the terms governing such Plan; (y) insured with a reputable insurance company; or (z) provided for or recognized in the financial statements most recently delivered to the Administrative Agent and the Lenders pursuant hereto; and (6) ensure that the contributions or premium payments to or in respect of each Plan are and continue to be promptly paid at no less than the rates required under the rules of such Plan and in accordance with the most recent actuarial advice received in relation to such Plan and applicable law.

6.6 Maintenance of Property; Insurance. (a) Other than as could not reasonably be expected to have a Material Adverse Effect, keep all property useful and necessary in its business in good working order and condition, ordinary wear and tear and casualty excepted, (b) maintain with financially sound and reputable insurance companies insurance on all its property in at least such amounts and against at least such risks (but including in any event public liability, product liability and business interruption) as are usually insured against in the same general area by companies engaged in the same or a similar business and shall, subject to Section 5.3, provide to the Administrative Agent, insurance certificates and accompanying endorsements naming the Administrative Agent (for the benefit of the Secured Parties) as an “additional insured” or “lender loss payee,” as applicable, with respect to such insurance policies of the Loan Parties in form and substance reasonably satisfactory to the Administrative Agent, and (c) maintain flood insurance on all real property subject to a Mortgage as required under Section 6.12(b).

6.7 Inspection of Property; Books and Records; Discussions. (a) Keep proper books of records and account in which full, true and correct entries in conformity with GAAP and all Requirements of Law shall be made of all dealings and transactions in relation to its business and activities and (b) permit representatives and independent contractors of the Administrative Agent (who may be accompanied by any Lender) to visit and inspect any of its properties and examine and make abstracts from any of its books and records at any reasonable time and as often as may reasonably be desired and to discuss the business, operations, properties and financial and other condition of the Group Members with officers, directors and employees of the Group Members and, so long as a Specified Event of Default has occurred and is continuing, with their independent certified public accountants; provided that no more than one such inspection or discussion shall be undertaken at the Borrower's expense more frequently than once every fiscal year unless an Event of Default has occurred and is continuing.

6.8 Notices. Give prompt written notice to the Administrative Agent of:

(a) the occurrence of any Default or Event of Default;

(b) any (i) default or event of default under any Contractual Obligation of any Group Member or (ii) litigation, investigation or proceeding that may exist at any time between any Group Member and any Governmental Authority, that in either case, if not cured or if adversely determined, as the case may be, could reasonably be expected to have a Material Adverse Effect;

(c) any litigation or proceeding affecting any Group Member (i) (A) in which the amount involved is \$5,000,000 or more and not covered by insurance or (B) in which injunctive or similar relief is sought against any Group Member which could reasonably be expected to have a Material Adverse Effect, or (ii) which relates to any Loan Document;

(d) (i) promptly after the Borrower has knowledge or becomes aware of the occurrence of any of the following ERISA Events affecting the Borrower or any ERISA Affiliate, in any case which could reasonably be expected to have a Material Adverse Effect (but in no event more than 10 days after such event (or such longer period as the Administrative Agent may agree in its sole discretion), the occurrence of any of the following ERISA Events, and shall provide the Administrative Agent with a copy of any notice with respect to such event that may be required to be filed with a Governmental Authority and any notice delivered by a Governmental Authority to the Borrower or any ERISA Affiliate with respect to such event: (A) an ERISA Event, (B) the adoption of any new Pension Plan by the Borrower or any ERISA Affiliate, (C) the adoption of any amendment to a Pension Plan, if such amendment will result in a material increase in benefits or unfunded benefit liabilities (as defined in Section 4001(a)(18) of ERISA), or (D) the commencement of contributions by the Borrower or any ERISA Affiliate to any Plan that is subject to Title IV of ERISA or Section 412 of the Code; and

(ii) (A) promptly after the giving, sending or filing thereof, or the receipt thereof, copies of (1) each Schedule B (Actuarial Information) to the annual report (Form 5500 Series) filed by the Borrower or any of its ERISA Affiliates with the IRS with respect to each Pension Plan, (2) all notices received by the Borrower or any of its ERISA Affiliates from a Multiemployer Plan sponsor concerning an ERISA Event, and (3) copies of such other documents or governmental reports or filings relating to any Plan as the Administrative Agent shall reasonably request; and (B), without limiting the generality of the foregoing, such certifications or other evidence of compliance with the provisions of Sections 4.13 and 7.9 as any Lender (through the Administrative Agent) may from time to time reasonably request;

(e) at any time Borrower is not a public company or an issuer of securities that are registered with the SEC under Section 12 of the Exchange Act or is required to file reports under Section 15(d) of the Exchange Act, any changes to the beneficial ownership information set forth in item 37 of the Collateral Information Certificate in the event that (A) any individual shall become the owner, directly or indirectly, of 25% or more of the equity interests of the Borrower or (B) the individual identified in Section 37 of the Collateral Information Certificate delivered on the Closing Date shall no longer be an individual with significant responsibility for managing the Group Members. The Loan Parties understand and acknowledge that the Secured Parties rely on such true, accurate and up-to-date beneficial ownership information to meet their regulatory obligations to obtain, verify and record information about the beneficial owners of their legal entity customers;

- (f) any material change in its accounting policies or financial reporting practices by any Loan Party;
- (g) any development or event that has had or could reasonably be expected to have a Material Adverse Effect; and
- (h) the occurrence of a Covenant Testing Trigger Day.

Each notice pursuant to this Section 6.8 shall be accompanied by a statement of a Responsible Officer of the Borrower setting forth details of the occurrence referred to therein and stating what action the relevant Group Member proposes to take with respect thereto.

6.9 Environmental Laws.

(a) Except as could not reasonably be expected to result in a Material Adverse Effect, comply with, and ensure compliance by all tenants and subtenants, if any, with, all applicable Environmental Laws, and obtain and comply with and maintain, and ensure that all tenants and subtenants obtain and comply with and maintain, any and all licenses, approvals, notifications, registrations or permits required by applicable Environmental Laws.

(b) Except as could not reasonably be expected to result in a Material Adverse Effect, conduct and complete all investigations, studies, sampling and testing, and all remedial, removal and other actions required under Environmental Laws and promptly comply with all lawful orders and directives of all Governmental Authorities regarding Environmental Laws.

6.10 Operating Accounts. Except as otherwise agreed by the Administrative Agent, from and after the 180th day after the Closing Date, the Borrower shall cause the Group Members to (a) maintain in Deposit Accounts and Securities Accounts at SVB at least the lesser of (i) \$50,000,000 and (ii) one-third of their cash and cash equivalents located in the United States and (b) establish ancillary operating business with SVB, including foreign exchange and ACH services, on a commercially reasonable basis.

6.11 Audits. Without duplication of the rights set forth in Section 6.7, at reasonable times, on 5 Business Day's' notice (provided that no notice is required if an Event of Default has occurred and is continuing), the Administrative Agent, or its agents or independent contractors, shall have the right to inspect the Collateral and the right to audit and copy any and all of any Loan Party's books and records including ledgers, federal and state tax returns, records regarding assets or liabilities, the Collateral, business operations or financial condition, and all computer programs or storage or any equipment

containing such information. The foregoing inspections and audits shall be at the Borrower's expense, and the charge therefor shall be \$1,000 per person per day (or such higher amount as shall represent the Administrative Agent's then-current standard charge for the same), plus reasonable out-of-pocket expenses. Such inspections and audits shall not be undertaken more frequently than once every 12 months, unless an Event of Default has occurred and is continuing.

6.12 Additional Collateral, Etc.

(a) With respect to any property (to the extent included in the definition of Collateral) acquired after the Closing Date by any Loan Party (other than (x) any property described in paragraph (b), (c) or (d) below, and (y) any property subject to a Lien expressly permitted by Section 7.3(g)) as to which the Administrative Agent, for the benefit of the Secured Parties, does not have a perfected Lien, promptly (and in any event within 10 Business Days or such later date as the Administrative Agent may agree in its sole discretion) take all actions necessary or advisable in the opinion of the Administrative Agent to grant to the Administrative Agent, for the benefit of the Secured Parties, a perfected first priority (except as expressly permitted by Section 7.3) security interest and Lien in such property, including the filing of Uniform Commercial Code financing statements in such jurisdictions as may be required by the Guarantee and Collateral Agreement or by law or as may be requested by the Administrative Agent.

(b) With respect to any fee interest in any real property having a value for any individual real property (together with improvements thereof) of at least \$5,000,000 (or such greater amount as approved in writing by the Administrative Agent in its sole discretion) acquired after the Closing Date by any Loan Party (other than any such real property subject to a Lien expressly permitted by Section 7.3(g)), promptly (and in any event within 90 days (or such longer time period as the Administrative Agent may agree in its sole discretion)) after such acquisition (with respect to any such fee interest acquired after the Closing Date) or after the Closing Date (with respect to any such fee interest owned as of the Closing Date), to the extent requested by the Administrative Agent, (i) execute and deliver a first priority Mortgage, in favor of the Administrative Agent, for the benefit of the Secured Parties, covering such real property, (ii) if requested by the Administrative Agent, provide the Lenders with title and extended coverage insurance covering such real property in an amount not in excess of the fair market value as reasonably estimated by the Borrower as well as a current ALTA survey thereof, together with a surveyor's certificate, each of the foregoing in form and substance reasonably satisfactory to the Administrative Agent and (iii) if requested by the Administrative Agent, deliver to the Administrative Agent legal opinions relating to the matters described above, which opinions shall be in form and substance, and from counsel, reasonably satisfactory to the Administrative Agent. In connection with the foregoing, no later than 5 Business Days prior to the date on which a Mortgage is executed and delivered pursuant to this Section 6.12, in order to comply with the Flood Laws, the Administrative Agent (for delivery to each Lender) shall have received the following documents (collectively, the "**Flood Documents**"): (A) a completed standard "life of loan" flood hazard determination form (a "**Flood Determination Form**") and such other documents as any Lender may reasonably request to complete its flood due diligence, (B) if the improvement(s) to the applicable improved real property is located in a special flood hazard area, a notification to the applicable Loan Party (if applicable) ("**Loan Party Notice**") that flood insurance coverage under the National Flood Insurance Program ("**NFIP**") is not available because the community does not participate in the NFIP, (C) documentation evidencing the applicable Loan Party's receipt of any such Loan Party Notice (e.g., countersigned Loan Party Notice, return receipt of certified U.S. Mail, or overnight delivery), and (D) if the Loan Party Notice is required to be given and, to the extent flood insurance is required by any applicable Requirement of Law or any Lenders' written regulatory or compliance procedures and flood

insurance is available in the community in which the property is located, a copy of one of the following: the flood insurance policy, the applicable Loan Party's application for a flood insurance policy plus proof of premium payment, a declaration page confirming that flood insurance has been issued, or such other evidence of flood insurance that complies with all applicable laws and regulations reasonably satisfactory to the Administrative Agent and each Lender (any of the foregoing being "**Evidence of Flood Insurance**"). Notwithstanding anything contained herein to the contrary, no Mortgage will be executed and delivered until each Lender has confirmed to the Administrative Agent that such Lender has satisfactorily completed its flood insurance due diligence and compliance requirements. Each of the parties hereto acknowledges and agrees that, if there are any Mortgaged Properties, any increase, extension or renewal of any of the Revolving Commitments including the provision of any incremental credit facilities hereunder, but excluding (i) any continuation or conversion of borrowings, (ii) the making of any Revolving Loans or (iii) the issuance, renewal or extension of Letters of Credit) shall be subject to (and conditioned upon): (A) the prior delivery of all applicable Flood Documents with respect to such Mortgaged Properties as required by the Flood Laws and as otherwise reasonably required by the Lenders and (B) the Administrative Agent having received written confirmation from each Lenders that such Lender has satisfactorily completed its flood insurance due diligence and compliance requirements

(c) With respect to any Subsidiary (other than an Excluded Subsidiary) created or acquired after the Closing Date by any Loan Party (including pursuant to a Permitted Acquisition), or any new Subsidiary formed by Division or if an Excluded Subsidiary ceases to qualify as an Excluded Subsidiary, the Loan Parties shall, except to the extent compliance with this Section 6.12 is prohibited by existing Contractual Obligations (so long as such prohibition is not incurred in contemplation of such acquisition or the obligations hereunder) or Requirements of Law binding on such Subsidiary or its properties, promptly (but in any event within 60 days (or such longer period as the Administrative Agent shall agree in its sole discretion)) (i) execute and deliver to the Administrative Agent such amendments to the Guarantee and Collateral Agreement as the Administrative Agent reasonably deems necessary or advisable to grant to the Administrative Agent, for the benefit of the Secured Parties, a perfected first priority security interest in the Capital Stock of such Subsidiary that is owned directly by such Loan Party, (ii) deliver to the Administrative Agent such documents and instruments as may be reasonably required to grant, perfect, protect and ensure the priority of such security interest, including but not limited to, the certificates representing such Capital Stock (if applicable), together with undated stock powers, in blank, executed and delivered by a duly authorized officer of the relevant Loan Party, (iii) cause such Subsidiary (A) to become a party to the Guarantee and Collateral Agreement, (B) to take such actions as are necessary or advisable in the opinion of the Administrative Agent to grant to the Administrative Agent for the benefit of the Secured Parties a perfected first priority security interest in the Collateral described in the Guarantee and Collateral Agreement, with respect to such Subsidiary, including the filing of Uniform Commercial Code financing statements in such jurisdictions as may be required by the Guarantee and Collateral Agreement or by law or as may be reasonably requested by the Administrative Agent and (C) to deliver to the Administrative Agent a certificate of such Subsidiary, in a form reasonably satisfactory to the Administrative Agent, with appropriate insertions and attachments, and (iv) if requested by the Administrative Agent, deliver to the Administrative Agent legal opinions relating to the matters described above, which opinions shall be in form and substance, and from counsel, reasonably satisfactory to the Administrative Agent; it being agreed that if such Subsidiary is formed by Division, the foregoing requirements shall be satisfied substantially concurrently with the formation of such Subsidiary (or such later date as the Administrative Agent may agree in its sole discretion).

(d) With respect to any new direct Foreign Subsidiary of a Loan Party that is an Excluded Subsidiary under clause (a) of the definition thereof and that is not an Immaterial Subsidiary or any new direct Foreign Subsidiary Holding Company that is an Excluded Subsidiary under clause (b) of

the definition thereof and that is not an Immaterial Subsidiary, in each case, created or acquired after the Closing Date by any Loan Party, promptly (but in any event within 60 days (or such longer period as the Administrative Agent shall agree in its sole discretion)) (i) execute and deliver to the Administrative Agent such amendments to the Guarantee and Collateral Agreement, as the Administrative Agent deems necessary or advisable to grant to the Administrative Agent, for the benefit of the Secured Parties, a perfected first priority security interest in the Capital Stock of such Foreign Subsidiary or Foreign Subsidiary Holding Company that is directly owned by any such Loan Party (provided that in no event shall more than 65% of the total outstanding voting Capital Stock of any such new Foreign Subsidiary or Foreign Subsidiary Holding Company be required to be so pledged), (ii) deliver to the Administrative Agent any certificates representing such Capital Stock, together with undated stock powers, in blank, executed and delivered by a duly authorized officer of the relevant Loan Party, and take such other action (including, as applicable, the delivery of any foreign law pledge documents reasonably requested by the Administrative Agent so long as the cost or other consequences (including any material adverse tax consequences) of delivering such documents shall not be excessive in view of the benefits to be obtained by the Lenders therefrom as determined by the Administrative Agent in good faith) as may be necessary or, in the opinion of the Administrative Agent, desirable to perfect the Administrative Agent's security interest therein, and (iii) if reasonably requested by the Administrative Agent, deliver to the Administrative Agent legal opinions relating to the matters described above, which opinions shall be in form and substance, and from counsel, reasonably satisfactory to the Administrative Agent.

(e) Each Loan Party shall pay and perform its material obligations under all leases and other agreements with respect to each leased location, warehouse or processing center where any Collateral is or may be located.

6.13 Use of Proceeds. Use the proceeds of each credit extension only for the purposes specified in Section 4.16.

6.14 Designated Senior Indebtedness. Without any obligation to enter into any subordination agreement, treat the Loan Documents and all of the Obligations to be deemed "Designated Senior Indebtedness" or a similar concept thereto, if applicable, for purposes of any indebtedness of any Loan Party for borrowed money or any obligations of any Loan Party evidenced by notes, bonds, debentures or other similar instruments.

6.15 Anti-Corruption Laws. Conduct its business in compliance with all applicable anti-corruption laws and maintain appropriate policies and procedures designed to promote and achieve compliance with such laws.

6.16 [Reserved].

6.17 Further Assurances. Execute any further instruments and take such further action as the Administrative Agent reasonably deems necessary to perfect, protect, ensure the priority of or continue the Administrative Agent's Lien on the Collateral or to effect the purposes of this Agreement.

SECTION 7 NEGATIVE COVENANTS

The Borrower hereby agrees that, at all times prior to the Discharge of Obligations, no Loan Party shall, nor shall any Loan Party permit any of its respective Subsidiaries to, directly or indirectly:

7.1 Financial Condition Covenant.

(a) Adjusted Quick Ratio. If the last day of any fiscal quarter of the Borrower is a Covenant Testing Trigger Day, permit the Adjusted Quick Ratio, as of the last day of such fiscal quarter of the Borrower to be less than 1.25:1.00.

(b) Right to Cure Adjusted Quick Ratio. Notwithstanding anything to the contrary contained in this Section 7.1, in the event that the Borrower fails to comply with the requirements of the financial covenant as set forth in Section 7.1(a) (the “*Financial Covenant*”), such failure will be deemed cured if, prior to the date that is 15 Business Days after the Compliance Certificate calculating such covenant is required to be delivered pursuant to Section 6.2(b), either (i) no Covenant Testing Trigger Day occurs for a 15 consecutive calendar day period following the applicable Covenant Trigger Testing Day or (ii) the Adjusted Quick Ratio is greater than 1.25:1.00 for each day during a 15 consecutive calendar day period following the applicable Covenant Trigger Testing Day (the “*Cure Right*”). The Cure Right may not be exercised more than once in any four consecutive fiscal quarter period. Upon the application of the Cure Right, the Borrower shall be deemed to have satisfied the Financial Covenant as of the relevant date of determination with the same effect as though there had been no failure to comply therewith at such date, and the applicable breach or default of the Financial Covenant that occurred shall be deemed cured for the purposes of this Agreement. Notwithstanding the foregoing, if a Covenant Testing Trigger Day shall occur or the Adjusted Quick Ratio shall be less than 1.25:1.00 on any day during the fiscal quarter in which the Cure Right is exercised, the Borrower shall be deemed to have failed to satisfy the Financial Covenant as of the relevant date of determination with respect to which the Cure Right was exercised with the same effect as though the Cure Right had never been exercised, and any applicable breach or default of the Financial Covenant that had previously been deemed cured pursuant to the Cure Right shall be reinstated and immediately constitute an Event of Default.

7.2 Indebtedness. Create, issue, incur, assume, become liable in respect of or suffer to exist any Indebtedness, except:

(a) Indebtedness of any Loan Party pursuant to any Loan Document and under any Cash Management Agreement;

(b) Indebtedness of (i) any Loan Party owing to any other Loan Party; (ii) any Group Member (which is not a Loan Party) owing to any other Group Member (which is not a Loan Party); (iii) any Group Member (which is not a Loan Party) owing to any Loan Party, which constitutes an Investment permitted by Section 7.8(f)(iii); provided, that, any Indebtedness owing from any Group Member (which is not a Loan Party) to a Loan Party shall be evidenced by a master promissory note and such promissory note shall be pledged as Collateral; and (iv) any Loan Party owing to any Group Member (which is not a Loan Party); provided that such Indebtedness is subordinated to the Obligations on terms and conditions reasonably acceptable to the Administrative Agent;

(c) Guarantee Obligations (i) of any Loan Party of the Indebtedness of any other Loan Party; (ii) of any Group Member (which is not a Loan Party) of the Indebtedness of any Loan Party; (iii) by any Group Member (which is not a Loan Party) of the Indebtedness of any other Group Member (which is not a Loan Party); or (iv) of any Loan Party of the Indebtedness of any Group Member that is not a Loan Party, so long as the aggregate amount of such Guarantee Obligations is an Investment permitted by Section 7.8(f)(iii); provided that, in any case of clauses (i), (ii), (iii), or (iv), the underlying Indebtedness so guaranteed is otherwise permitted by the terms hereof;

(d) (i) Indebtedness outstanding on the date hereof and listed on Schedule 7.2(d) and (ii) any refinancings, refundings, renewals or extensions thereof (which do not shorten the maturity thereof or increase the principal amount thereof) (and with respect to (A) the Convertible Notes, such refinanced Indebtedness would constitute Permitted Convertible Indebtedness, without any requirement to comply with the requirements set forth Section 7.2(n), and (B) the Capped Call Transactions, to the extent constituting Indebtedness, such refinanced Indebtedness would constitute a Permitted Equity Derivative Transaction);

(e) Indebtedness (including, without limitation, Capital Lease Obligations and purchase money financing) secured by Liens permitted by Section 7.3(g) in an aggregate principal amount not to exceed \$5,000,000 at any one time outstanding and any refinancings, refundings, renewals or extensions thereof (which do not shorten the maturity thereof or increase the principal amount thereof);

(f) to the extent constituting Indebtedness, Permitted Equity Derivative Transactions;

(g) Surety Indebtedness, performance or appeal bonds, and any other Indebtedness in respect of letters of credit, banker's acceptances or similar arrangements, provided that the aggregate amount of any such Indebtedness outstanding at any time shall not exceed \$2,500,000; but excluding (in each case) Indebtedness incurred through the borrowing of money or contingent obligations in respect thereof;

(h) [reserved];

(i) obligations (contingent or otherwise) of the Group Members existing or arising under any Specified Swap Agreement, provided that such obligations are (or were) entered into by such Person in accordance with Section 7.13 and not for purposes of speculation;

(j) Indebtedness of a Person (other than a Loan Party or an existing Subsidiary) existing at the time such Person is merged with or into a Loan Party or a Subsidiary or becomes a Subsidiary, provided that (i) such Indebtedness was not, in any case, incurred by such other Person in connection with, or in contemplation of, such merger or acquisition, (ii) such merger or acquisition constitutes a Permitted Acquisition, (iii) with respect to any such Person who becomes a Subsidiary, (A) such Subsidiary and any of its Subsidiaries are the only obligors in respect of such Indebtedness, and (B) to the extent such Indebtedness is permitted to be secured hereunder, only the assets of such Subsidiary and any of its Subsidiaries secure such Indebtedness, and (iv) the aggregate amount of such Indebtedness does not exceed \$2,500,000 in the aggregate;

(k) Indebtedness incurred as a result of endorsing negotiable instruments received in the ordinary course of business;

(l) Indebtedness in the form of purchase price adjustments, earn outs, deferred compensation, or other arrangements representing acquisition consideration or deferred payments of a similar nature incurred in connection with Investments permitted by Section 7.8; provided that the amount of such obligation shall be deemed part of the cost of such Investment (the amount of which shall be deemed to be the amount required to be accrued as a liability in accordance with GAAP or the amount actually paid);

(m) Indebtedness consisting of the financing of insurance premiums;

(n) Permitted Convertible Indebtedness in an aggregate principal amount not to exceed \$100,000,000 (which amount shall not be reduced at any time by (i) all or any portion of the outstanding amount of Convertible Notes or (ii) the amount of any Permitted Equity Derivative Transaction entered into in connection therewith) at any one time outstanding and any refinancings, refundings, renewals or extensions thereof so long as such Indebtedness continues to qualify as Permitted Convertible Indebtedness so long as, immediately after giving effect to the incurrence of such Indebtedness, (i) no Event of Default shall have occurred and be continuing, (ii) the Borrower shall be in compliance on a pro forma basis with the Financial Covenant as of the end of the most recently ended quarter for which financial statements are required to be delivered and (iii) no Covenant Testing Trigger Day shall be occurring;

(o) Indebtedness of any Group Member which is a joint venture in an aggregate principal amount not to exceed \$2,500,000 at any time outstanding;

(p) Indebtedness of any Group Member (which is not a Loan Party) in an aggregate principal amount not to exceed \$5,000,000 at any time outstanding;

(q) to the extent constituting Indebtedness, Permitted Equity Derivative Transactions entered into in connection with the incurrence of Permitted Convertible Indebtedness pursuant to Section 7.2(n); and

(r) Indebtedness not otherwise permitted by this Section in an aggregate principal amount not to exceed \$5,000,000 at any time outstanding.

7.3 Liens. Create, incur, assume or suffer to exist any Lien upon any of its property, whether now owned or hereafter acquired, except:

(a) Liens for Taxes not yet due or that are being contested in good faith by appropriate proceedings; provided that adequate reserves with respect thereto are maintained on the books of the applicable Group Member in conformity with GAAP;

(b) carriers', warehousemen's, landlord's, mechanics', materialmen's, repairmen's supplier's, construction or other like Liens arising in the ordinary course of business that are not overdue for a period of more than 30 days or that are being contested in good faith by appropriate proceedings;

(c) pledges or deposits in connection with workers' compensation, unemployment insurance and other social security legislation;

(d) deposits to secure the performance of bids, trade contracts (other than for borrowed money), leases, statutory obligations, surety and appeal bonds, performance bonds and other obligations of a like nature incurred in the ordinary course of business (other than for indebtedness or any Liens arising under ERISA) or deposits made in connection with Permitted Acquisitions;

(e) easements, rights-of-way, restrictions and other similar encumbrances incurred in the ordinary course of business that, in the aggregate, are not substantial in amount and that do not in any case materially detract from the value of the property subject thereto or materially interfere with the ordinary conduct of the business of the applicable Group Member;

(f) Liens in existence on the date hereof listed on Schedule 7.3(f) and any Liens granted as a replacement or substitute therefor; provided that (i) no such Lien is spread to cover any

additional property after the Closing Date, (ii) the amount of Indebtedness or obligations secured or benefitted thereby is not increased, (iii) the direct or any contingent obligor with respect thereto is not changed, and (iv) any renewal or extension of the obligations secured thereby is permitted by Section 7.2(d);

(g) Liens securing Indebtedness incurred pursuant to Section 7.2(e) to finance the acquisition of fixed or capital assets; provided that (i) such Liens shall be created substantially simultaneously with, or within 90 days after, the acquisition of such fixed or capital assets, (ii) such Liens do not at any time encumber any property other than the property financed by such Indebtedness and the proceeds thereof, and (iii) the amount of Indebtedness secured thereby is not increased;

(h) Liens created pursuant to the Security Documents;

(i) (x) any interest or title of a lessor or licensor under any lease or license entered into by a Group Member in the ordinary course of its business and covering only the assets so leased or licensed (y) leases, licenses, subleases and sublicenses of real property granted to others in the ordinary course of business and (z) non-exclusive licenses of Intellectual Property in the ordinary course of business and other licenses and sublicenses that could not result in a legal transfer of title of the licensed property but that may be exclusive in respects other than territory and that may be exclusive as to territory only as to discreet geographical areas outside of the United States, in each case in the ordinary course of business;

(j) judgment Liens that do not constitute a Default or an Event of Default under Section 8.1(h) of this Agreement;

(k) bankers' Liens, rights of setoff and other similar Liens existing solely with respect to cash, Cash Equivalents, securities, commodities and other funds on deposit in one or more accounts maintained by a Group Member, in each case arising in the ordinary course of business in favor of banks, other depository institutions, securities or commodities intermediaries or brokerages with which such accounts are maintained securing amounts owing to such banks or financial institutions with respect to cash management and operating account management or are arising under Section 4-208 or 4-210 of the UCC on items in the course of collection;

(l) (i) cash deposits and liens on cash and Cash Equivalents pledged to secure Indebtedness permitted under Section 7.2(g), (ii) Liens securing reimbursement obligations with respect to letters of credit, banker's acceptances or similar arrangements permitted by Section 7.2(g) that encumber documents and other property relating to such letters of credit, and (iii) Liens securing Obligations under any Specified Swap Agreements permitted by Section 7.2(i);

(m) Liens on property of a Person existing at the time such Person is acquired by, merged into or consolidated with a Group Member or becomes a Subsidiary of a Group Member or acquired by a Group Member; provided that (i) such Liens were not created in contemplation of such acquisition, merger, consolidation or Investment, (ii) such Liens do not extend to any assets other than those of such Person, and (iii) the applicable Indebtedness secured by such Lien is not prohibited under Section 7.2;

(n) the replacement, extension or renewal of any Lien permitted by clause (m) above upon or in the same property theretofore subject thereto or the replacement, extension or renewal (without increase in the amount or change in any direct or contingent obligor) of the Indebtedness secured thereby;

(o) Liens on insurance proceeds in favor of insurance companies granted solely to secured financed insurance premiums;

(p) Liens in favor of custom and revenue authorities arising as a matter of law to secure the payment of custom duties in connection with the importation of goods;

(q) Liens on any earnest money deposits required in connection with a Permitted Acquisition or consisting of earnest money deposits required in connection with an acquisition of property not otherwise prohibited hereunder;

(r) Liens on property of any Group Member (which is not a Loan Party) securing Indebtedness permitted under Section 7.2;

(s) Liens on Excluded Assets of Loan Parties securing obligations in an outstanding amount not to exceed \$5,000,000 at any one time; and

(t) other Liens securing obligations in an outstanding amount not to exceed \$7,500,000 at any one time.

7.4 Fundamental Changes. Consummate any merger, consolidation or amalgamation, or liquidate, wind up or dissolve itself (or suffer any liquidation or dissolution), or Dispose of all or substantially all of its property or business, except that:

(a) (i) any Group Member that is not a Loan Party may be merged, amalgamated or consolidated with or into (A) any Loan Party (provided that a Loan Party shall be the continuing or surviving Person, or the continuing or surviving Person shall become a Loan Party substantially contemporaneous with such merger, amalgamation or consolidation) or (B) any Group Member that is not a Loan Party, and (ii) any Loan Party may be merged, amalgamated or consolidated with or into with any other Loan Party (provided that if such merger, amalgamation or consolidation involves the Borrower, Borrower shall be the continuing or surviving Person);

(b) (i) any Group Member that is not a Loan Party may Dispose of any or all of its assets (including upon voluntary liquidation, dissolution or otherwise) (A) to any other Group Member or (B) pursuant to a Disposition permitted by Section 7.5; and (ii) any Loan Party (other than the Borrower) may Dispose of any or all of its assets (including upon voluntary liquidation, dissolution or otherwise) (A) to any other Loan Party or (B) pursuant to a Disposition permitted by Section 7.5;

(c) any Investment expressly permitted by Section 7.8 may be structured as a merger, consolidation or amalgamation; and

(d) any Subsidiary that is a limited liability company may consummate a Division as the dividing Person if, immediately upon the consummation of the Division, the assets of the applicable dividing Person are held by one or more Loan Parties.

7.5 Disposition of Property. Dispose of any of its property, whether now owned or hereafter acquired, or, in the case of any Subsidiary of the Borrower, issue or sell any shares of such Subsidiary's Capital Stock to any Person, except:

(a) Dispositions of obsolete, worn out or surplus property in the ordinary course of business;

- (b) Dispositions of Inventory in the ordinary course of business;
- (c) Dispositions permitted by Sections 7.4(b)(i)(A) and (b)(ii)(A);
- (d) the sale or issuance of the Capital Stock of a Subsidiary of the Borrower (i) to the Borrower or any other Loan Party, or (ii) by a Subsidiary that is not a Loan Party to another Subsidiary that is not a Loan Party or (iii) in connection with any transaction that does not result in a Change of Control;
- (e) the use or transfer of money, cash or Cash Equivalents in a manner that is not prohibited by the terms of this Agreement or the other Loan Documents;
- (f) the non-exclusive licensing of patents, trademarks, copyrights, and other Intellectual Property rights in the ordinary course of business;
- (g) the Disposition of property (i) from any Loan Party to any other Loan Party, and (ii) from any Group Member (which is not a Loan Party) to any other Group Member; provided that in each case in which there is a Lien over the relevant property in favor of the Administrative Agent in advance of the Disposition, an equivalent Lien will be granted to the Administrative Agent by the Group Member which acquires the property;
- (h) Dispositions of property subject to a Casualty Event;
- (i) leases or subleases of real property;
- (j) the sale or discount without recourse of accounts receivable arising in the ordinary course of business in connection with the compromise or collection thereof;
- (k) any abandonment, cancellation, non-renewal or discontinuance of use or maintenance of Intellectual Property (or rights relating thereto) of any Group Member that the Borrower determines in good faith is desirable in the conduct of its business and not materially disadvantageous to the interests of the Lenders;
- (l) Dispositions of other property or series of related Dispositions of other Property having a fair market value not to exceed \$1,500,000 in the aggregate; provided that at the time of any such Disposition, no Event of Default shall have occurred and be continuing or would result from such Disposition;
- (m) Restricted Payments permitted by Section 7.6, Investments permitted by Section 7.8 and Liens permitted by Section 7.3;
- (n) any Foreign Subsidiary may issue Capital Stock to qualified directors where required by or to satisfy any applicable Requirement of Law, including any Requirement of Law with respect to ownership of Capital Stock in Foreign Subsidiaries; and
- (o) Dispositions in which at least 75% of the consideration paid in connection therewith shall be cash or Cash Equivalents paid upon the consummation of the transaction and shall be in an amount not less than the fair market value of the property disposed of; provided, that, no Event of Default then exists or would result from such Disposition;

provided, however, that any Disposition made pursuant to this Section 7.5 (other than (x) Dispositions solely between Loan Parties, (y) Dispositions solely between Group Members that are not Loan Parties or (z) Dispositions between a Loan Party and a Group Member that is not a Loan Party in which the terms thereof in favor of a Loan Party are at least arm's length terms) shall be made in good faith on an arm's length basis for fair value.

7.6 Restricted Payments. Make any payment or prepayment of principal of, premium, if any, or interest on, or redemption, purchase, retirement, defeasance (including in-substance or legal defeasance), sinking fund or similar payment with respect to, any Subordinated Indebtedness, pay any earn-out payment, seller debt or deferred purchase price payments, declare or pay any dividend (other than dividends payable solely in Capital Stock (other than Disqualified Stock) of the Person making such dividend) on, or make any payment on account of, or set apart assets for a sinking or other analogous fund for, the purchase, redemption, defeasance, retirement or other acquisition of, any Capital Stock of any Group Member, whether now or hereafter outstanding, or make any other distribution in respect thereof, either directly or indirectly, whether in cash or property or in obligations of any Group Member (collectively, "**Restricted Payments**"), except that, so long as no Event of Default shall have occurred and be continuing at the time of any action described below or would result therefrom;

(a) any Group Member may make Restricted Payments to any Loan Party and any Group Member that is not a Loan Party may make Restricted Payments to any other Group Member;

(b) each Loan Party may purchase Capital Stock from present or former officers, directors or employees, of any Group Member; provided that the aggregate amount of payments made under this clause (b) shall not exceed \$2,500,000 during any fiscal year of the Borrower; provided further that any unused amounts under this Section 7.6(b) with respect to any fiscal year may be used in subsequent fiscal years;

(c) the Group Members make payments in respect of any earn-out obligation, seller debt or deferred purchase price payments (in each case, other than Subordinated Indebtedness) so long as immediately after giving effect to any such payment, the Borrower is in pro forma compliance with the Financial Covenant, as of the most recently ended fiscal quarter for which financial statements were required to be delivered (including if a Covenant Testing Trigger Day would immediately result after making such Payment);

(d) (i) each Group Member may make repurchases of Capital Stock deemed to occur upon exercise of stock options or warrants if such repurchased Capital Stock represents a portion of the exercise price of such options or warrants, and (ii) each Group Member may make repurchases of Capital Stock deemed to occur upon the withholding of a portion of the Capital Stock issued, granted or awarded to a current or former officer, director, employee or consultant to pay for the taxes payable by such Person upon such issuance, grant or award (or upon vesting thereof);

(e) any Group Member may make payments in respect of Subordinated Indebtedness solely to the extent such payment is made in accordance with Section 7.22;

(f) each Group Member may purchase, redeem or otherwise acquire Capital Stock issued by it solely with the proceeds received from the substantially concurrent issue of new shares of its Capital Stock (other than Disqualified Stock); provided that any such issuance is otherwise permitted hereunder;

(g) the Borrower may deliver its common Capital Stock upon conversion of any convertible Indebtedness having been issued by the Borrower; provided that such Indebtedness is otherwise permitted by Section 7.2;

(h) the Borrower may deliver its common Capital Stock in connection with the exercise of stock options, warrants, restricted stock units or other equity awards by way of cashless exercise;

(i) the Borrower may make distributions or dividends consisting solely of its Capital Stock (other than Disqualified Stock);

(j) so long as no Event of Default exists immediately after giving effect to such Restricted Payment, in addition to Restricted Payments otherwise expressly permitted by this Section 7.6, any Restricted Payments in an aggregate amount not to exceed \$350,000,000 so long as (i) immediately after giving effect to any such Restricted Payment, the Borrower shall be in compliance on a pro forma basis with the Financial Covenant as of the end of the most recently ended quarter for which financial statements are required to be delivered, (ii) immediately after giving effect to any such Restricted Payment, no Covenant Testing Trigger Day shall have occurred and (iii) the sum of, without duplication, (a) the aggregate amount of the consideration (excluding Capital Stock of the Borrower that is not Disqualified Stock and excluding any substantially contemporaneous Investment in a Group Member that is not a Loan Party for the purpose of consummating a Permitted Acquisition) paid by all Group Members in connection with all Permitted Acquisitions consummated from and after the Closing Date, (B) the aggregate amount of all Investments made pursuant to Section 7.8(j), (C) the aggregate amount of Restricted Payments made pursuant to this Section 7.6(j) and (D) the aggregate amount of all payments and prepayments made pursuant to Section 7.10(b)(iii), shall not exceed \$500,000,000;

(k) (i) any payment (including payment of any premium) or delivery with respect to, or early unwind or settlement or termination of, any Permitted Equity Derivative Transaction and (ii) to the extent constituting a Restricted Payment, any payment or prepayment made pursuant to Section 7.10(b) (including pursuant to the proviso thereto); and

(l) so long as no Event of Default has occurred and is continuing, other Restricted Payments in an aggregate amount not to exceed (i) \$2,500,000 minus the sum of (ii) (A) the aggregate amount of Investments made pursuant to Section 7.8(s)(ii) and (B) the aggregate amount of payments and prepayments made pursuant to Section 7.10(b)(iv)(B).

7.7 [Reserved].

7.8 Investments. Make any advance, loan, extension of credit (by way of guarantee or otherwise) or capital contribution to, or purchase any Capital Stock, bonds, notes, debentures or other debt securities of, or any assets constituting a business unit of, or make any other investment in, any Person (all of the foregoing, “*Investments*”), except:

- (a) extensions of trade credit in the ordinary course of business;
- (b) Investments in cash and Cash Equivalents;
- (c) Guarantee Obligations permitted by Section 7.2;

(d) (i) travel advances and employee relocation loans in the ordinary course of business, (ii) other employee loans and advances in the ordinary course of business in an aggregate amount not to exceed \$1,500,000 at any time outstanding, (iii) loans to employees, officers or directors relating to the purchase of equity securities of the Group Members pursuant to employee stock purchase plans or agreements approved by the Borrower's board of directors in an aggregate amount not to exceed \$1,500,000 at any time outstanding and (iv) advances of, and reimbursement of, expenses to any employee of any Group Member pursuant to any indemnification agreement between such employee and such Group Member;

(e) Investments existing on the Closing Date and set forth on Schedule 7.8(e);

(f) intercompany Investments (i) by any Loan Party in any other Loan Party, (ii) by any Group Member that is not a Loan Party in any other Group Member, (iii) by any Loan Party in any Group Member that is not a Loan Party to the extent (x) no Default or Event of Default exists or would result therefrom and (y) such Investments do not exceed \$10,000,000 in the aggregate for all such Investments in any fiscal year of the Borrower (except that any substantially contemporaneous Investment in a Group Member that is not a Loan Party for the purpose of consummating a Permitted Acquisition shall not reduce the dollar limit set forth in the immediately preceding clause (y)), or (iv) to the extent arising from customary transfer pricing or cost-plus services agreements entered into in the ordinary course of business;

(g) Investments in the ordinary course of business consisting of endorsements of negotiable instruments for collection or deposit;

(h) Investments received in settlement of amounts due to any Group Member effected in the ordinary course of business or owing to such Group Member as a result of Insolvency Proceedings involving an Account Debtor or upon the foreclosure or enforcement of any Lien in favor of such Group Member;

(i) Investments held by any Person as of the date such Person is acquired in connection with a Permitted Acquisition, provided that (A) such Investments were not made, in any case, by such Person in connection with, or in contemplation of, such Permitted Acquisition, and (B) with respect to any such Person which becomes a Subsidiary as a result of such Permitted Acquisition, such Subsidiary remains the only Group Member that is among the holders of such Investment;

(j) so long as no Event of Default exists immediately after giving effect to such Investment, in addition to Investments otherwise expressly permitted by this Section 7.8, any Investments in an aggregate amount not to exceed \$350,000,000 so long as (i) immediately after giving effect to any such Investment, the Borrower shall be in compliance on a pro forma basis with the Financial Covenant as of the end of the most recently ended quarter for which financial statements are required to be delivered, (ii) immediately after giving effect to any such Investment, no Covenant Testing Trigger Day shall have occurred and (iii) the sum of, without duplication, (a) the aggregate amount of the consideration (excluding Capital Stock of the Borrower that is not Disqualified Stock and excluding any substantially contemporaneous Investment in a Group Member that is not a Loan Party for the purpose of consummating a Permitted Acquisition) paid by all Group Members in connection with all Permitted Acquisitions consummated from and after the Closing Date, (B) the aggregate amount of all Investments made pursuant to this Section 7.8(j), (C) the aggregate amount of Restricted Payments made pursuant to Section 7.6(j) and (D) the aggregate amount of all payments and prepayments made pursuant to Section 7.10(b)(iii), shall not exceed \$500,000,000;

(k) deposits made to secure the performance of leases, licenses or contracts in the ordinary course of business, and other deposits made in connection with the incurrence of Liens permitted under Section 7.3;

(l) the licensing or contribution of Intellectual Property pursuant to joint marketing or joint venture arrangements with other Persons in the ordinary course of business;

(m) promissory notes and other non-cash consideration received in connection with Dispositions permitted by Section 7.5, to the extent not exceeding the limits specified therein with respect to the receipt of non-cash consideration in connection with such Dispositions;

(n) so long as at the time of such Investment or immediately after giving effect thereto, no Event of Default exists, Investments in joint ventures, corporate collaborations, or strategic alliances; provided that, the aggregate amount of all such Investments made in cash shall not exceed (i) \$2,500,000 at any time outstanding;

(o) purchases or other acquisitions by any Group Member of the Capital Stock in a Person that, upon the consummation thereof, will be a Subsidiary (including as a result of a merger or consolidation) or all or substantially all of the assets of, or assets constituting one or more business units of, any Person (each, a "**Permitted Acquisition**"); provided that, with respect to each such purchase or other acquisition consummated pursuant to this Section 7.8(o):

(i) the newly-created or acquired Subsidiary (or assets acquired in connection with such asset sale) shall be in a business permitted by Section 7.17;

(ii) all transactions related to such purchase or acquisition shall be consummated in all material respects in accordance with all material Requirements of Law;

(iii) no Loan Party shall, as a result of or in connection with any such purchase or acquisition, assume or incur any direct or contingent liabilities (whether relating to environmental, tax, litigation or other matters) that, as of the date of such purchase or acquisition (or in the case of a Limited Condition Acquisition, as of the LCA Test Date), could reasonably be expected to result in the existence or incurrence of a Material Adverse Effect;

(iv) the Borrower shall give the Administrative Agent at least 10 Business Days' (or such later date as agreed to by the Administrative Agent in its sole discretion) prior written notice of any such purchase or acquisition;

(v) the Borrower shall provide to the Administrative Agent as soon as available but in any event not later than 5 Business Days after the execution thereof (or such later date as the Administrative Agent may agree in its sole discretion), a copy of any executed purchase agreement or similar agreement with respect to any such purchase or acquisition;

(vi) any such newly-created or acquired Subsidiary, or the Loan Party that is the acquirer of assets in connection with an asset acquisition, shall comply with the requirements of Section 6.12 (including giving effect to the time periods set forth therein), except to the extent compliance with Section 6.12 is prohibited by pre-existing Contractual Obligations or Requirements of Law binding on such Subsidiary or its properties;

(vii) immediately after giving effect to any such purchase or other acquisition, no Default or Event of Default shall have occurred and be continuing (other than in connection with a Limited Condition Acquisition, in which case there shall be (x) no Default or Event of Default as of the LCA Test Date and (y) no Specified Event of Default immediately after giving effect to any such purchase or other acquisition);

(viii) immediately after giving effect to any such purchase or acquisition the Borrower is in pro forma compliance with the Financial Covenant as of the most recently ended quarter for which financial statements were required to be delivered (or, in connection with a Limited Condition Acquisition, as of the most recently ended quarter ending prior to the LCA Test Date for which financial statements were required to be delivered);

(ix) immediately after giving effect to any such purchase or acquisition, no Covenant Testing Trigger Day shall have occurred (or, in connection with a Limited Condition Acquisition, on the LCA Test Date, as though such purchase or acquisition had occurred on such date);

(x) no Indebtedness is assumed or incurred in connection with any such purchase or acquisition other than Indebtedness permitted by the terms of Section 7.2;

(xi) such purchase or acquisition shall not constitute an Unfriendly Acquisition;

(xii) (A) the aggregate amount of the consideration (excluding Capital Stock of the Borrower that is not Disqualified Stock) paid by such Group Member in connection with any individual Permitted Acquisition shall not exceed \$350,000,000, and (B) the sum of, without duplication, (i) the aggregate amount of the consideration (excluding Capital Stock of the Borrower that is not Disqualified Stock and excluding any substantially contemporaneous Investment in a Group Member that is not a Loan Party for the purpose of consummating a Permitted Acquisition) paid by all Group Members in connection with all such Permitted Acquisitions consummated from and after the Closing Date, (ii) the aggregate amount of all Investments made pursuant to Section 7.8(j), (iii) the aggregate amount of Restricted Payments made pursuant to Section 7.6(j) and (iv) the aggregate amount of all payments and prepayments made pursuant to Section 7.10(b)(iii) shall not exceed \$500,000,000;

(xiii) in any merger involving the Borrower, the Borrower is the sole surviving entity;

(xiv) the Borrower shall have delivered to the Administrative Agent, at least 2 Business Days prior to the date on which any such purchase or other acquisition is to be consummated (or such later date as is agreed by the Administrative Agent in its sole discretion), a certificate of a Responsible Officer of the Borrower, in form and substance reasonably satisfactory to the Administrative Agent, certifying that all of the requirements set forth in this definition have been satisfied or will be satisfied on or prior to the consummation of such purchase or other acquisition;

(p) Investments in or constituting Permitted Equity Derivative Transactions;

(q) Investments in similar businesses in an aggregate amount not to exceed \$3,000,000; and

(r) other Investments in an aggregate amount not to exceed the sum of (i) \$2,500,000 plus (ii) the amount of Restricted Payments that may be made pursuant to Section 7.6(l) plus (iii) the amount of payments and prepayments that may be made pursuant to Section 7.10(b)(iv)(A);

7.9 ERISA. Except as could not reasonably be expected to have a Material Adverse Effect, the Borrower shall not, and shall not permit any of its ERISA Affiliates to: (a) terminate any Pension Plan so as to result in any material liability to the Borrower or any ERISA Affiliate, (b) permit to exist any ERISA Event, or any other event or condition, which presents the risk of a material liability to any ERISA Affiliate, (c) make a complete or partial withdrawal (within the meaning of ERISA Section 4201) from any Multiemployer Plan so as to result in any material liability to the Borrower or any ERISA Affiliate, (d) enter into any new Plan or modify any existing Plan so as to increase its obligations thereunder which could result in any material liability to any ERISA Affiliate, (e) permit the present value of all nonforfeitable accrued benefits under any Plan (using the actuarial assumptions utilized by the PBGC upon termination of a Plan) materially to exceed the fair market value of Plan assets allocable to such benefits, all determined as of the most recent valuation date for each such Plan, or (f) engage in any transaction which would cause any obligation, or action taken or to be taken, hereunder (or the exercise by the Administrative Agent or any Lender of any of its rights under this Agreement, any Note or the other Loan Documents) to be a non-exempt (under a statutory or administrative class exemption) prohibited transaction under ERISA or Section 4975 of the Code.

7.10 Optional Payments and Modifications of Certain Preferred Stock and Debt Instruments. (a) Amend, modify, waive or otherwise change, or consent or agree to any amendment, modification, waiver or other change to, any of the terms of Preferred Stock (i) that would move to an earlier date the scheduled redemption date thereof (but only to the extent that moving any such scheduled redemption date would result in the redemption to be prior to 91 days after the Revolving Termination Date) or increase the amount of any scheduled redemption payment or increase the rate or move to an earlier date any date for payment of dividends thereon or (ii) that could reasonably be expected to be otherwise materially adverse to any Lender or any other Secured Party, or (b) make any payment or prepayment of principal of, premium, if any, or redemption, purchase, retirement, defeasance, sinking fund, settlement, conversion or similar payment with respect to any Permitted Convertible Indebtedness (including the Convertible Notes) unless (i) made exclusively with common stock of the Borrower and/or cash in lieu of fractional shares and/or to pay accrued interest, if any, on such Permitted Convertible Indebtedness, (ii) made for cash exclusively using proceeds of a substantially concurrent refinancing or replacement of such Permitted Convertible Indebtedness permitted pursuant to Section 7.2(n), (iii) immediately after giving effect to any such payment or prepayment (A) no Default or Event of Default shall have occurred and be continuing, (B) the Borrower is in pro forma compliance with the Financial Covenant as of the most recently ended quarter for which financial statements were required to be delivered (including if a Covenant Testing Trigger Day would immediately result after making such Payment) (it being agreed that nothing herein shall prohibit settlement of expressly required conversion or expressly required payment obligations of Permitted Convertible Indebtedness for cash (or a combination of cash and common stock)) and (C) the sum of, without duplication, (I) the aggregate amount of the consideration (excluding Capital Stock of the Borrower that is not Disqualified Stock) paid by all Group Members in connection with all Permitted Acquisitions consummated from and after the Closing Date, (II) the aggregate amount of all Investments made pursuant to Section 7.8(j), (III) the aggregate amount of Restricted Payments made pursuant to this Section 7.6(j) and (IV) the aggregate amount of all payments and prepayments made pursuant to this Section 7.10(b)(iii), shall not exceed \$500,000,000, or (iv) made in an amount which does not exceed the sum of (A) \$2,500,000 plus (B) the amount of Restricted Payments that may be made pursuant to Section 7.6(l) minus (C) the amount of Investments made pursuant to Section 7.8(s)(iii); provided that payments, prepayments and conversions expressly required pursuant to

the terms of the agreements governing Permitted Convertible Indebtedness may be made so long as (i) the aggregate amount of cash payable (excluding any required payment of interest in cash in lieu of a fractional share due upon conversion thereof) does not exceed the aggregate principal amount thereof and (ii) such payment, prepayment or conversion does not require any net payment of cash pursuant to an exercise or early unwind or settlement of a corresponding portion of the related Permitted Equity Derivative Transaction.

7.11 Transactions with Affiliates. Directly or indirectly enter into or permit to exist any transaction with any Affiliate of a Loan Party except for (a) intercompany transactions permitted by Sections 7.2, 7.4, 7.5, 7.6 or 7.8 hereof, (b) transactions that are in the ordinary course of such Loan Party's business, upon fair and reasonable terms that are no less favorable to such Loan Party than would be obtained in an arm's length transaction with a non-affiliated Person, and (c) reasonable and customary indemnification arrangements, employee benefits, compensation arrangements (including equity-based compensation and bonuses), and reimbursement of expenses of employees, consultants, officers, and directors, in each case, approved by the board of directors or management of a Group Member.

7.12 Sale Leaseback Transactions. Enter into any Sale Leaseback Transaction, except in connection with transactions that would be permitted under this Section 7.

7.13 Swap Agreements. Enter into any Swap Agreement, except (a) Specified Swap Agreements (or, if no Lender is able to provide such Swap Agreement on competitive terms, Swap Agreements) which are entered into by a Group Member (i) to hedge or mitigate risks to which such Group Member has actual exposure, (ii) to effectively cap, collar or exchange interest rates (from fixed to floating rates, from one floating rate to another floating rate or otherwise) with respect to any interest-bearing liability or investment of such Group Member or (b) Permitted Equity Derivative Transactions (including the Capped Call Transactions).

7.14 Accounting Changes. Make any change in its (a) accounting policies or reporting practices, except as required or permitted by GAAP, or (b) fiscal year, in each case, without the prior written consent of the Administrative Agent (such consent not to be unreasonably withheld).

7.15 Negative Pledge Clauses. Enter into or suffer to exist or become effective any agreement that prohibits or limits the ability of any Loan Party to create, incur, assume or suffer to exist any Lien upon any of its property or revenues, whether now owned or hereafter acquired, to secure its Obligations under the Loan Documents to which it is a party, other than (a) this Agreement and the other Loan Documents, (b) any agreements governing any purchase money Liens or Capital Lease Obligations otherwise permitted hereby (in which case, any prohibition or limitation shall only be effective against the assets financed thereby), (c) customary restrictions on the assignment of leases, licenses and other agreements, (d) any agreement in effect at the time any Subsidiary becomes a Subsidiary of a Loan Party, so long as (i) any such prohibition contained in any such agreement applies solely with respect to the creation, incurrence, assumption or sufferance by such Subsidiary of a Lien upon Excluded Assets, and (ii) such agreement was not entered into solely in contemplation of such Person becoming a Subsidiary or, in any such case, that is set forth in any agreement evidencing any amendments, restatements, supplements, modifications, extensions, renewals and replacements of the foregoing, so long as such amendment, restatement, supplement, modification, extension, renewal or replacement applies only to such Subsidiary and does not otherwise expand in any material respect the scope of any restriction or condition contained therein, and (e) any restriction pursuant to any document, agreement or instrument governing or relating to any Lien permitted under Sections 7.3(c), (m), (n), (r) and (s), or any agreement or option to Dispose any asset of any Group Member, the Disposition of which is permitted by any other

provision of this Agreements (in each case, provided that any such restriction relates only to the assets or property subject to such Lien or being Disposed).

7.16 Clauses Restricting Subsidiary Distributions. Enter into or suffer to exist or become effective any consensual encumbrance or restriction on the ability of any Subsidiary to (a) make Restricted Payments in respect of any Capital Stock of such Subsidiary held by, or to pay any Indebtedness owed to, any other Group Member, (b) make loans or advances to, or other Investments in, any other Group Member, or (c) transfer any of its assets to any other Group Member, except for such encumbrances or restrictions existing under or by reason of (i) any restrictions existing under the Loan Documents, (ii) any restrictions with respect to a Subsidiary imposed pursuant to an agreement that has been entered into in connection with a Disposition permitted hereby of all or substantially all of the Capital Stock or assets of such Subsidiary, (iii) customary restrictions on the assignment of leases, licenses and other agreements, (iv) restrictions of the nature referred to in clause (c) above under agreements governing purchase money liens or Capital Lease Obligations otherwise permitted hereby which restrictions are only effective against the assets financed thereby (v) any agreement in effect at the time any Subsidiary becomes a Subsidiary of a Borrower, so long as such agreement applies only to such Subsidiary, was not entered into solely in contemplation of such Person becoming a Subsidiary or in each case that is set forth in any agreement evidencing any amendments, restatements, supplements, modifications, extensions, renewals and replacements of the foregoing, so long as such amendment, restatement, supplement, modification, extension, renewal or replacement does not expand in any material respect the scope of any restriction or condition contained therein, (vi) any restriction pursuant to any document, agreement or instrument governing or relating to any Lien permitted under Sections 7.3(c), (m), (n), (r) and (s) (provided that any such restriction relates only to the assets or property subject to such Lien or being Disposed), (vii) restrictions on the transfer of any asset (so long as such transfer is permitted hereunder) pending the close of the sale of such asset and customary restrictions contained in purchase agreements and acquisition agreements permitted to be entered into hereunder (including by way of merger, acquisition or consolidation (in each case, to the extent permitted to be consummated hereunder)), to the extent in effect pending the consummation of such transaction, (viii) provisions in joint venture agreements and other similar agreements (including equity holder agreements) relating to such joint venture or its members or entered into in the ordinary course of business or (ix) restrictions under any Subordinated Debt Documents.

7.17 Lines of Business. Enter into any business, either directly or through any Subsidiary, except for those businesses in which the Group Members are engaged on the date of this Agreement or that are reasonably related, ancillary or incidental thereto.

7.18 Designation of other Indebtedness. Designate any Indebtedness or indebtedness other than the Obligations as “Designated Senior Indebtedness” or a similar concept thereto, if applicable.

7.19 [Reserved].

7.20 Amendments to Operating Documents and Material Contracts. (a) Amend or permit any amendments to any Loan Party’s organizational documents if such amendment, termination, or waiver would be adverse to the Administrative Agent or the Lenders in any material respect; or (b) amend or permit any amendments to, or terminate or waive any provision of, any material Contractual Obligation if such amendment, termination or waiver could reasonably be expected to result in a Material Adverse Effect.

7.21 Use of Proceeds. Use the proceeds of any Loan or extension of credit hereunder, whether directly or indirectly, and whether immediately, incidentally or ultimately, (a) to purchase or carry margin stock (within the meaning of Regulation U of the Board) or to extend credit to others for the purpose of purchasing or carrying margin stock or to refund Indebtedness originally incurred for such purpose, in each case in violation of, or for a purpose which violates, or would be inconsistent with, Regulation T, U or X of the Board; (b) to finance an Unfriendly Acquisition; (c) to fund any activities of or business with any individual or entity, or in any Designated Jurisdiction, that, at the time of such funding, is the subject of Sanctions, or in any other manner that will result in a violation by any individual or entity (including any individual or entity participating in the transaction, whether as Lender, arranger, Administrative Agent, Issuing Lender, Swingline Lender, or otherwise) of Sanctions (or lend, contribute or otherwise make available such proceeds to any Subsidiary, joint venture partner or other individual or entity in violation of the foregoing); or (d) for any purpose which would breach the United States Foreign Corrupt Practices Act of 1977, the UK Bribery Act 2010, or other similar legislation in other jurisdictions.

7.22 Subordinated Indebtedness.

(a) **Amendments.** Amend, modify, supplement, waive compliance with, or consent to noncompliance with, any Subordinated Debt Document, unless the amendment, modification, supplement, waiver or consent is in compliance with the subordination provisions therein and any subordination agreement with respect thereto in favor of the Administrative Agent and the Lenders.

(b) **Payments.** Make any payment (including any interest payment, other than paid-in-kind interest), prepayment or repayment on, redemption, exchange or acquisition for value of, any sinking fund or similar payment with respect to, any Subordinated Indebtedness, except as permitted by the subordination provisions in the applicable Subordinated Debt Documents and any subordination agreement with respect thereto in favor of the Administrative Agent and the Lenders.

7.23 Anti-Terrorism Laws. Conduct, deal in or engage in or permit any Affiliate or agent of any Loan Party within its control to conduct, deal in or engage in any of the following activities: (a) conduct any business or engage in any transaction or dealing with any person blocked pursuant to Executive Order No. 13224 (a “**Blocked Person**”), including the making or receiving any contribution of funds, goods or services to or for the benefit of any Blocked Person; (b) deal in, or otherwise engage in any transaction relating to, any property or interests in property blocked pursuant to Executive Order No. 13224; or (c) engage in or conspire to engage in any transaction that evades or avoids, or has the purpose of evading or avoiding, or attempts to violate, any of the prohibitions set forth in Executive Order No. 13224 or the Patriot Act.

**SECTION 8
EVENTS OF DEFAULT**

8.1 Events of Default. The occurrence of any of the following shall constitute an Event of Default:

(a) the Borrower shall fail to pay any amount of principal of any Loan when due in accordance with the terms hereof; or the Borrower shall fail to pay any amount of interest on any Loan, or any other amount payable hereunder or under any other Loan Document, within 3 Business Days after any such interest or other amount becomes due in accordance with the terms hereof; or

(b) any representation or warranty made or deemed made by any Loan Party herein or in any other Loan Document or that is contained in any certificate, document or financial or other statement furnished by it at any time under or in connection with this Agreement or any such other Loan Document (i) if qualified by materiality, shall be incorrect or misleading when made or deemed made, or (ii) if not qualified by materiality, shall be incorrect or misleading in any material respect when made or deemed made; or

(c) (i) any Loan Party shall default in the observance or performance of any agreement contained in, Section 5.3, Section 6.1, Section 6.2, clause (i) or (ii) of Section 6.5(a), Section 6.6(b), Section 6.8(a), Section 6.10, Section 6.15 or Section 7 of this Agreement or (ii) an “Event of Default” under and as defined in any Security Document shall have occurred and be continuing; or

(d) any Loan Party shall default in the observance or performance of any other agreement contained in this Agreement or any other Loan Document (other than as provided in paragraphs (a) through (c) of this Section 8.1), and such default shall continue unremedied for a period of 30 days thereafter; or

(e) (i) any Group Member shall (A) default in making any payment of any principal of any Indebtedness (including any Guarantee Obligation, but excluding the Loans) on the scheduled or original due date with respect thereto; (B) default in making any payment of any interest, fees, costs or expenses on any such Indebtedness (other than the Loans) beyond the period of grace, if any, provided in the instrument or agreement under which such Indebtedness was created; (C) default in making any payment or delivery under any such Indebtedness constituting a Swap Agreement beyond the period of grace, if any, provided in such Swap Agreement; or (D) default in the observance or performance of any other agreement or condition relating to any such Indebtedness (other than the Loans) or contained in any instrument or agreement evidencing, securing or relating thereto, or any other event shall occur or condition exist, the effect of which default or other event or condition is to (1) cause, or to permit the holder or beneficiary of, or, in the case of any such Indebtedness constituting a Swap Agreement, counterparty under, such Indebtedness (or a trustee or agent on behalf of such holder, beneficiary, or counterparty) to cause, with the giving of notice if required, such Indebtedness to become due prior to its stated maturity or (in the case of any such Indebtedness constituting a Guarantee Obligation) to become payable or (in the case of any such Indebtedness constituting a Swap Agreement) to be terminated, or (2) to cause, with the giving of notice if required, any Group Member to purchase, redeem, mandatorily prepay or make an offer to purchase, redeem or mandatorily prepay such Indebtedness prior to its stated maturity; provided that, unless such Indebtedness constitutes a Specified Swap Agreement, a default, event or condition described in clauses (i)(A), (B), (C), or (D) of this Section 8.1(e) shall not at any time constitute an Event of Default unless, at such time, one or more defaults, events or conditions of the type described in any of clauses (i)(A), (B), (C), or (D) of this Section 8.1(e) shall have occurred with respect to Indebtedness, the outstanding principal amount (and, in the case of Swap Agreements other than Specified Swap Agreements, the Swap Termination Value of which, individually or in the aggregate for all such Indebtedness, exceeds the Threshold Amount; provided, further, that this clause (e)(i) shall not apply to (x) any early payment requirement or unwinding or termination with respect to any Permitted Equity Derivative Transaction, or satisfaction of any condition giving rise to or permitting the foregoing, in accordance with the terms thereof, so long as, in any such case, the Group Members are not the “defaulting party” or otherwise in breach under the terms of such Permitted Equity Derivative Transaction, or (y) any event that permits or causes repurchase, payment, prepayment, redemption, conversion, settlement or exchange of Permitted Convertible Indebtedness that is not the result of a breach or default by a Group Member of the terms of an agreement governing such Permitted Convertible Indebtedness or an event or condition that constitutes an Event of Default hereunder or (ii) any default or

event of default (however designated) shall occur with respect to any Subordinated Indebtedness of any Group Member (after any applicable grace period (but excluding any standstill or similar period) and to the extent not waived); or

(f) (i) any Group Member shall commence any case, proceeding or other action (a) under any Debtor Relief Law seeking to have an order for relief entered with respect to it, or seeking to adjudicate it a bankrupt or insolvent, or seeking reorganization, arrangement, adjustment, winding-up, liquidation, dissolution, composition or other relief with respect to it or its debts, or (b) seeking appointment of a receiver, trustee, custodian, conservator or other similar official for it or for all or any substantial part of its assets, or any Group Member shall make a general assignment for the benefit of its creditors; or (ii) there shall be commenced against any Group Member any case, proceeding or other action of a nature referred to in clause (i) above that (x) results in the entry of an order for relief or any such adjudication or appointment or (y) remains undismissed, undischarged or unbonded for a period of 60 days (provided that, during such 60 day period, no Loan shall be advanced or Letters of Credit issued hereunder); or (iii) there shall be commenced against any Group Member any case, proceeding or other action seeking issuance of a warrant of attachment, execution, distraint or similar process against all or any substantial part of its assets that results in the entry of an order for any such relief that shall not have been vacated, discharged, or stayed or bonded pending appeal within 60 days from the entry thereof (provided that, during such 60 day period, no Loan shall be advanced or Letters of Credit issued hereunder); or (iv) any Group Member shall take any action in furtherance of, or indicating its consent to, approval of, or acquiescence in, any of the acts set forth in clause (i), (ii), or (iii) above; or (v) any Group Member shall generally not, or shall be generally unable to, or shall admit in writing its inability to, pay its debts as they become due; or

(g) there shall occur one or more ERISA Events which individually or in the aggregate could reasonably be expected to result in a Material Adverse Effect; or there exists an amount of unfunded benefit liabilities (as defined in Section 4001(a)(18) of ERISA), individually or in the aggregate for all Pension Plans (excluding for purposes of such computation any Pension Plans with respect to which assets exceed benefit liabilities) which could reasonably be expected to result in a Material Adverse Effect; or

(h) there is entered against any Group Member (i) one or more final judgments or orders for the payment of money involving in the aggregate a liability (not paid or fully covered by insurance as to which the relevant insurance company has acknowledged coverage) of the Threshold Amount or more, or (ii) one or more non-monetary final judgments that have, or could reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect and, in either case, (A) enforcement proceedings are commenced by any creditor upon such judgment or order, or (B) all such judgments or decrees shall not have been vacated, discharged, stayed or bonded pending appeal within 60 days from the entry thereof; or

(i) (i) any of the Security Documents shall cease, for any reason, to be in full force and effect (other than pursuant to the terms thereof), or any Loan Party shall so assert, or any Lien created by any of the Security Documents shall cease to be enforceable and of the same effect and priority purported to be created thereby; or

(ii) [reserved]; or

(j) the guarantee contained in Section 2 of the Guarantee and Collateral Agreement shall cease, for any reason, to be in full force and effect or any Loan Party shall so assert; or

(k) a Change of Control shall occur; or

(l) [reserved]; or

(m) any Loan Document (including the subordination provisions of any subordination or intercreditor agreement governing Subordinated Indebtedness) not otherwise referenced in Section 8.1(i) or (j), at any time after its execution and delivery and for any reason other than as expressly permitted hereunder or thereunder or the Discharge of Obligations, ceases to be in full force and effect; or any Loan Party or any other Person contests in any manner the validity or enforceability of any Loan Document; or any Loan Party denies that it has any liability or obligation under any Loan Document to which it is a party, or purports to revoke, terminate or rescind any such Loan Document.

8.2 Remedies Upon Event of Default. If any Event of Default occurs and is continuing, the Administrative Agent shall, at the request of, or may, with the consent of, the Required Lenders, take any or all of the following actions:

(a) if such event is an Event of Default specified in clause (i) or (ii) of paragraph (f) of Section 8.1 with respect to any Loan Party, the Commitments shall immediately terminate automatically and the Loans (with accrued interest thereon) and all other amounts owing under this Agreement and the other Loan Documents shall automatically immediately become due and payable, and

(b) if such event is any other Event of Default, any of the following actions may be taken: (i) with the consent of the Required Lenders, the Administrative Agent may, or upon the request of the Required Lenders, the Administrative Agent shall, by notice to the Borrower declare the Revolving Commitments, the Swingline Commitments and the L/C Commitments to be terminated forthwith, whereupon the Revolving Commitments, the Swingline Commitments and the L/C Commitments shall immediately terminate; (ii) with the consent of the Required Lenders, the Administrative Agent may, or upon the request of the Required Lenders, the Administrative Agent shall, by notice to the Borrower, declare the Loans (with accrued interest thereon) and all other amounts owing under this Agreement and the other Loan Documents to be due and payable forthwith, whereupon the same shall immediately become due and payable; (iii) any Cash Management Bank may terminate any Cash Management Agreement then outstanding and declare all Obligations then owing by the Loan Parties under any such Cash Management Agreements then outstanding to be due and payable forthwith, whereupon the same shall immediately become due and payable; and (iv) the Administrative Agent may exercise on behalf of itself, any Cash Management Bank, the Lenders and the Issuing Lender all rights and remedies available to it, any such Cash Management Bank, the Lenders and the Issuing Lender under the Loan Documents.

With respect to all Letters of Credit with respect to which presentment for honor shall not have occurred at the time of an acceleration pursuant to this paragraph, the Borrower shall Cash Collateralize an amount equal to 105% of the aggregate then undrawn and unexpired amount of such Letters of Credit. Amounts so Cash Collateralized shall be applied by the Administrative Agent to the payment of drafts drawn under such Letters of Credit, and the unused portion thereof after all such Letters of Credit shall have expired or been fully drawn upon, if any, shall be applied to repay other Obligations of the Borrower hereunder and under the other Loan Documents in accordance with Section 8.3.

In addition, (x) the Borrower shall also Cash Collateralize the full amount of any Swingline Loans then outstanding, and (y) to the extent elected by any applicable Cash Management Bank, the Borrower shall also Cash Collateralize the amount of any Obligations in respect of Cash Management Services then outstanding, which Cash Collateralized amounts shall be applied by the

Administrative Agent to the payment of all such outstanding Cash Management Services, and any unused portion thereof remaining after all such Cash Management Services shall have been fully paid and satisfied in full shall be applied by the Administrative Agent to repay other Obligations of the Loan Parties hereunder and under the other Loan Documents in accordance with the terms of Section 8.3.

(c) After all such Letters of Credit and Cash Management Agreements shall have been terminated, expired or fully drawn upon, as applicable, and all amounts drawn under any such Letters of Credit shall have been reimbursed in full and all other Obligations of the Borrower and the other Loan Parties (including any such Obligations arising in connection with Cash Management Services) shall have been paid in full, the balance, if any, of the funds having been so Cash Collateralized shall be returned to the Borrower (or such other Person as may be lawfully entitled thereto). Except as expressly provided above in this Section, presentment, demand, protest and all other notices of any kind are hereby expressly waived by the Borrower.

8.3 Application of Funds. After the exercise of remedies provided for in Section 8.2, any amounts received by the Administrative Agent on account of the Obligations shall be applied by the Administrative Agent in the following order:

First, to the payment of that portion of the Obligations constituting fees, indemnities, expenses and other amounts (other than principal and interest but including any Collateral-Related Expenses, fees, charges and disbursements of counsel to the Administrative Agent and amounts payable under Sections 2.19, 2.20 and 2.21 (including interest thereon)) payable to the Administrative Agent, in its capacity as such;

Second, to payment of that portion of the Obligations constituting fees, indemnities and other amounts (other than principal, interest, and Letter of Credit Fees) payable to the Lenders, the Issuing Lender ((including any Letter of Credit Fronting Fees and Issuing Lender Fees), and any Qualified Counterparty and any applicable Cash Management Bank (in its respective capacity as a provider of Cash Management Services), and the reasonable and documented out-of-pocket fees, charges and disbursements of counsel to the respective Lenders and the Issuing Lender, and amounts payable under Sections 2.19, 2.20 and 2.21), in each case, ratably among them in proportion to the respective amounts described in this clause Second payable to them;

Third, to the extent that the Swingline Lender has advanced any Swingline Loans that have not been refunded by each Lender's Swingline Participation Amount, payment to the Swingline Lender of that portion of the Obligations constituting the unpaid principal of and interest upon the Swingline Loans advanced by the Swingline Lender;

Fourth, to the payment of that portion of the Obligations constituting accrued and unpaid Letter of Credit Fees and interest in respect of any Cash Management Services and on the Loans and L/C Disbursements which have not yet been converted into Revolving Loans, and to payment of premiums and other fees (including any interest thereon) under any Specified Swap Agreements and any Cash Management Agreements, in each case, ratably among the Lenders, any applicable Cash Management Bank (in its respective capacity as a provider of Cash Management Services), and any Qualified Counterparties, in each case, ratably among them in proportion to the respective amounts described in this clause Fourth payable to them;

Fifth, to payment of that portion of the Obligations constituting unpaid principal of the Loans, L/C Disbursements which have not yet been converted into Revolving Loans, and settlement

amounts, payment amounts and other termination payment obligations under any Specified Swap Agreements and Cash Management Agreements, in each case, ratably among the Lenders, any applicable Cash Management Bank (in its respective capacity as a provider of Cash Management Services), and any applicable Qualified Counterparties, in each case, ratably among them in proportion to the respective amounts described in this clause Fifth and payable to them;

Sixth, to the Administrative Agent for the account of the Issuing Lender, to Cash Collateralize that portion of the L/C Exposure comprised of the aggregate undrawn amount of Letters of Credit pursuant to Section 3.10;

Seventh, for the account of any applicable Qualified Counterparty and any applicable Cash Management Bank, to any settlement amounts, payment amounts and other termination payment obligations under any Specified Swap Agreements and Cash Management Agreements not paid pursuant to clause Fifth and to Cash Collateralize Obligations arising under any then outstanding Specified Swap Agreements and Cash Management Services, in each case, ratably among them in proportion to the respective amounts described in this clause Seventh payable to them;

Eighth, to the payment of all other Obligations of the Loan Parties that are then due and payable to the Administrative Agent and the other Secured Parties on such date, in each case, ratably among them in proportion to the respective aggregate amounts of all such Obligations described in this clause Eighth and payable to them;

Last, the balance, if any, after the Discharge of Obligations, to the Borrower or as otherwise required by Law.

Subject to Sections 2.24(a), 3.4, 3.5 and 3.10, amounts used to Cash Collateralize the aggregate undrawn amount of Letters of Credit pursuant to clause Sixth above shall be applied to satisfy drawings under such Letters of Credit as they occur. If any amount remains on deposit as Cash Collateral for Letters of Credit after all Letters of Credit have either been fully drawn or expired, such remaining amount shall be applied to the other Obligations, if any, in the order set forth above.

Notwithstanding the foregoing, no Excluded Swap Obligation of any Guarantor shall be paid with amounts received from such Guarantor or from any Collateral in which such Guarantor has granted to the Administrative Agent a Lien (for the benefit of the Secured Parties) pursuant to the Guarantee and Collateral Agreement; provided, however, that each party to this Agreement hereby acknowledges and agrees that appropriate adjustments shall be made by the Administrative Agent (which adjustments shall be controlling in the absence of manifest error) with respect to payments received from other Loan Parties to preserve the allocation of such payments to the satisfaction of the Obligations in the order otherwise contemplated in this Section 8.3.

SECTION 9 THE ADMINISTRATIVE AGENT

9.1 Appointment and Authority.

(a) Each of the Lenders hereby irrevocably appoints SVB to act on its behalf as the Administrative Agent hereunder and under the other Loan Documents and authorizes the Administrative Agent to take such actions on its behalf and to exercise such powers as are delegated to the Administrative Agent by the terms hereof or thereof, together with such actions and powers as are reasonably incidental thereto.

(b) The provisions of Section 9 are solely for the benefit of the Administrative Agent, the Lenders, the Issuing Lender, and the Swingline Lender, and neither the Borrower nor any other Loan Party shall have rights as a third party beneficiary of any of such provisions. Notwithstanding any provision to the contrary elsewhere in this Agreement, the Administrative Agent shall not have any duties or obligations, except those expressly set forth herein and in the other Loan Documents, or any fiduciary relationship with any Lender, and no implied covenants, functions, responsibilities, duties, obligations or liabilities shall be read into this Agreement or any other Loan Document or otherwise exist against the Administrative Agent. It is understood and agreed that the use of the term “agent” herein or in any other Loan Documents (or any other similar term) with reference to the Administrative Agent is not intended to connote any fiduciary or other implied (or express) obligations arising under agency doctrine of any applicable law. Instead such term is used as a matter of market custom, and is intended to create or reflect only an administrative relationship between contracting parties.

(c) The Administrative Agent shall also act as the collateral agent under the Loan Documents, and each of the Lenders (in their respective capacities as a Lender and, as applicable, Qualified Counterparty and provider of Cash Management Services) hereby irrevocably (i) authorizes the Administrative Agent to enter into all other Loan Documents, as applicable, including the Guarantee and Collateral Agreement and any subordination or intercreditor agreements, and (ii) appoints and authorizes the Administrative Agent to act as the agent of the Secured Parties for purposes of acquiring, holding and enforcing any and all Liens on Collateral granted by any of the Loan Parties to secure any of the Obligations, together with such powers and discretion as are reasonably incidental thereto. The Administrative Agent, as collateral agent and any co-agents, sub-agents and attorneys-in-fact appointed by the Administrative Agent pursuant to Section 9.2 for purposes of holding or enforcing any Lien on the Collateral (or any portion thereof) granted under the Security Documents, or for exercising any rights and remedies thereunder at the direction of the Administrative Agent, shall be entitled to the benefits of all provisions of this Section 9 and Section 10 (including Section 9.7, as though such co-agents, sub-agents and attorneys-in-fact were the collateral agent under the Loan Documents) as if set forth in full herein with respect thereto. Without limiting the generality of the foregoing, the Administrative Agent is further authorized on behalf of all the Lenders, without the necessity of any notice to or further consent from the Lenders, from time to time to take any action, or permit the any co-agents, sub-agents and attorneys-in-fact appointed by the Administrative Agent to take any action, with respect to any Collateral or the Loan Documents which may be necessary to perfect and maintain perfected the Liens upon any Collateral granted pursuant to any Loan Document.

9.2 Delegation of Duties. The Administrative Agent may perform any and all of its duties and exercise its rights and powers hereunder or under any other Loan Document by or through any one or more sub-agents appointed by the Administrative Agent. The Administrative Agent and any such sub-agent may perform any and all of its duties and exercise its rights and powers by or through their respective Related Parties. The exculpatory provisions of this Section shall apply to any such sub-agent and to the Related Parties of the Administrative Agent and any such sub-agent, and shall apply to their respective activities in connection with the syndication of the Facilities provided for herein as well as activities as the Administrative Agent. The Administrative Agent shall not be responsible for the negligence or misconduct of any sub-agents except to the extent that a court of competent jurisdiction determines in a final and nonappealable judgment that the Administrative Agent acted with gross negligence or willful misconduct in the selection of such sub agents.

9.3 Exculpatory Provisions. The Administrative Agent shall have no duties or obligations except those expressly set forth herein and in the other Loan Documents, and its duties hereunder and

thereunder shall be administrative in nature. Without limiting the generality of the foregoing, the Administrative Agent shall not:

(a) be subject to any fiduciary or other implied duties, regardless of whether any Default or any Event of Default has occurred and is continuing;

(b) have any duty to take any discretionary action or exercise any discretionary powers, except discretionary rights and powers expressly contemplated hereby or by the other Loan Documents that the Administrative Agent is required to exercise as directed in writing by the Required Lenders (or such other number or percentage of the Lenders as shall be expressly provided for herein or in the other Loan Documents), as applicable; provided that the Administrative Agent shall not be required to take any action that, in its opinion or the opinion of its counsel, may expose the Administrative Agent to liability or that is contrary to any Loan Document or applicable law, including for the avoidance of doubt any action that may be in violation of the automatic stay under any Debtor Relief Law or that may effect a forfeiture, modification or termination of property of a Defaulting Lender in violation of any Debtor Relief Law; and

(c) except as expressly set forth herein and in the other Loan Documents, have any duty to disclose, and the Administrative Agent shall not be liable for the failure to disclose, any information relating to the Borrower or any of its Affiliates that is communicated to or obtained by any Person serving as the Administrative Agent or any of its Affiliates in any capacity.

The Administrative Agent shall not be liable for any action taken or not taken by it (i) with the consent or at the request of the Required Lenders (or such other number or percentage of the Lenders as shall be necessary, or as the Administrative Agent shall believe in good faith shall be necessary, under the circumstances as provided in Sections 8.2 and 10.1), or (ii) in the absence of its own gross negligence or willful misconduct as determined by a court of competent jurisdiction by final and nonappealable judgment.

The Administrative Agent shall not be responsible for or have any duty to ascertain or inquire into (i) any statement, warranty or representation made in or in connection with this Agreement or any other Loan Document, (ii) the contents of any certificate, report or other document delivered hereunder or thereunder or in connection herewith or therewith, (iii) the performance or observance of any of the covenants, agreements or other terms or conditions set forth herein or therein or the occurrence of any Default or Event of Default, (iv) the validity, enforceability, effectiveness or genuineness of this Agreement, any other Loan Document or any other agreement, instrument or document or (v) the satisfaction of any condition set forth in Section 5.1, Section 5.2 or elsewhere herein, other than to confirm receipt of items expressly required to be delivered to the Administrative Agent.

9.4 Reliance by Administrative Agent. The Administrative Agent shall be entitled to rely upon, and shall not incur any liability for relying upon, any notice, request, certificate, consent, statement, instrument, document or other writing (including any electronic message, internet or intranet website posting or other distribution) believed by it to be genuine and to have been signed, sent or otherwise authenticated by the proper Person. The Administrative Agent also may rely upon any statement made to it orally or by telephone and believed by it to have been made by the proper Person, and shall not incur any liability for relying thereon. In determining compliance with any condition hereunder to the making of a Loan, or the issuance, extension, renewal or increase of a Letter of Credit, that by its terms must be fulfilled to the satisfaction of a Lender, the Administrative Agent may presume that such condition is satisfactory to such Lender unless the Administrative Agent shall have received notice to the contrary

from such Lender prior to the making of such Loan or the issuance of such Letter of Credit. The Administrative Agent may consult with legal counsel (who may be counsel for any of the Loan Parties), independent accountants and other experts selected by it, and shall not be liable for any action taken or not taken by it in accordance with the advice of any such counsel, accountants or experts. The Administrative Agent may deem and treat the payee of any Note as the owner thereof for all purposes unless a written notice of assignment, negotiation or transfer thereof shall have been filed with the Administrative Agent. The Administrative Agent shall be fully justified in failing or refusing to take any action under this Agreement or any other Loan Document unless it shall first receive such advice or concurrence of the Required Lenders (or such other number or percentage of Lenders as shall be provided for herein or in the other Loan Documents) as it deems appropriate or it shall first be indemnified to its satisfaction by the Lenders against any and all liability and expense that may be incurred by it by reason of taking or continuing to take any such action. The Administrative Agent shall in all cases be fully protected in acting, or in refraining from acting, under this Agreement and the other Loan Documents in accordance with a request of the Required Lenders (or such other number or percentage of Lenders as shall be provided for herein or in the other Loan Documents), and such request and any action taken or failure to act pursuant thereto shall be binding upon the Lenders and all future holders of the Loans.

9.5 Notice of Default. The Administrative Agent shall not be deemed to have knowledge or notice of the occurrence of any Default or Event of Default unless the Administrative Agent has received notice in writing from a Lender or the Borrower referring to this Agreement, describing such Default or Event of Default and stating that such notice is a “*notice of default*.” In the event that the Administrative Agent receives such a notice, the Administrative Agent shall give notice thereof to the Lenders. The Administrative Agent shall take such action with respect to such Default or Event of Default as shall be reasonably directed by the Required Lenders (or, if so specified by this Agreement, all Lenders); provided that unless and until the Administrative Agent shall have received such directions, the Administrative Agent may (but shall not be obligated to) take such action or refrain from taking such action with respect to such Default or Event of Default as it shall deem advisable in the best interests of the Lenders.

9.6 Non-Reliance on Administrative Agent and Other Lenders. Each Lender expressly acknowledges that neither the Administrative Agent nor any of its officers, directors, employees, agents, attorneys in fact or Affiliates has made any representations or warranties to it and that no act by the Administrative Agent hereafter taken, including any review of the affairs of a Group Member or any Affiliate of a Group Member, shall be deemed to constitute any representation or warranty by the Administrative Agent to any Lender. Each Lender represents to the Administrative Agent that it has, independently and without reliance upon the Administrative Agent or any other Lender or any of their Related Parties, and based on such documents and information as it has deemed appropriate, made its own appraisal of, and investigation into, the business, operations, property, financial and other condition and creditworthiness of the Group Members and their Affiliates and made its own credit analysis and decision to make its Loans hereunder and enter into this Agreement. Each Lender also agrees that it will, independently and without reliance upon the Administrative Agent or any other Lender or any of their Related Parties, and based on such documents and information as it shall from time to time deem appropriate, continue to make its own credit analysis, appraisals and decisions in taking or not taking action under or based upon this Agreement, the other Loan Documents or any related agreement or any document furnished hereunder or thereunder, and to make such investigation as it deems necessary to inform itself as to the business, operations, property, financial and other condition and creditworthiness of the Group Members and their Affiliates. Except for notices, reports and other documents expressly required to be furnished to the Lenders by the Administrative Agent hereunder, the Administrative Agent shall have no duty or responsibility to provide any Lender with any credit or other information concerning the business, operations, property, condition (financial or otherwise), prospects or creditworthiness of any

Group Member or any Affiliate of a Group Member that may come into the possession of the Administrative Agent or any of its officers, directors, employees, agents, attorneys in fact or Affiliates.

9.7 Indemnification. Each of the Lenders agrees to indemnify each of the Administrative Agent, the Issuing Lender and the Swingline Lender and each of its Related Parties in its capacity as such (to the extent not reimbursed by any Loan Party and without limiting the obligation of the Loan Parties to do so) according to its Aggregate Exposure Percentage in effect on the date on which indemnification is sought under this Section 9.7 (or, if indemnification is sought after the date upon which the Commitments shall have terminated and the Loans shall have been paid in full, in accordance with its Aggregate Exposure Percentage immediately prior to such date), from and against any and all liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements of any kind whatsoever that may at any time (whether before or after the payment of the Loans) be imposed on, incurred by or asserted against the Administrative Agent or such other Person in any way relating to or arising out of, the Commitments, this Agreement, any of the other Loan Documents or any documents contemplated by or referred to herein or therein or the transactions contemplated hereby or thereby or any action taken or omitted by the Administrative Agent or such other Person under or in connection with any of the foregoing and any other amounts not reimbursed by the Loan Parties; provided that no Lender shall be liable for the payment of any portion of such liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements that are found by a final and nonappealable decision of a court of competent jurisdiction to have resulted primarily from the Administrative Agent's or such other Person's gross negligence or willful misconduct, and that with respect to such unpaid amounts owed to any Issuing Lender or Swingline Lender solely in its capacity as such, only the Revolving Lenders shall be required to pay such unpaid amounts, such payment to be made severally among them based on such Revolving Lenders' Revolving Percentage (determined as of the time that the applicable unreimbursed expense or indemnity payment is sought). The agreements in this Section shall survive the payment of the Loans and all other amounts payable hereunder.

9.8 Agent in Its Individual Capacity. The Person serving as the Administrative Agent hereunder shall have the same rights and powers in its capacity as a Lender as any other Lender and may exercise the same as though it were not the Administrative Agent and the term "Lender" or "Lenders" shall, unless otherwise expressly indicated or unless the context otherwise requires, include the Person serving as the Administrative Agent hereunder in its individual capacity. Such Person and its Affiliates may accept deposits from, lend money to, own securities of, act as the financial advisor or in any other advisory capacity for and generally engage in any kind of business with the Group Members or any Affiliate thereof as if such Person were not the Administrative Agent hereunder and without any duty to account therefor to the Lenders.

9.9 Successor Administrative Agent.

(a) The Administrative Agent may at any time give notice of its resignation to the Lenders and the Borrower. Upon receipt of any such notice of resignation, the Required Lenders shall have the right, in consultation with the Borrower, to appoint a successor. If no such successor shall have been so appointed by the Required Lenders and shall have accepted such appointment within 30 days after the retiring Administrative Agent gives notice of its resignation (or such earlier day as shall be agreed by the Required Lenders) (the "**Resignation Effective Date**"), then the retiring Administrative Agent may (but shall not be obligated to), on behalf of the Lenders, appoint a successor Administrative Agent meeting the qualifications set forth above; provided that in no event shall any such successor Administrative Agent be a Defaulting Lender. Whether or not a successor has been appointed, such resignation shall become effective in accordance with such notice on the Resignation Effective Date.

(b) If the Person serving as Administrative Agent is a Defaulting Lender pursuant to clause (d) of the definition thereof, the Required Lenders may, to the extent permitted by applicable law, by notice in writing to the Borrower and such Person remove such Person as Administrative Agent and, in consultation with the Borrower, appoint a successor. If no such successor shall have been so appointed by the Required Lenders and shall have accepted such appointment within 30 days (or such earlier day as shall be agreed by the Required Lenders) (the “**Removal Effective Date**”), then such removal shall nonetheless become effective in accordance with such notice on the Removal Effective Date.

(c) With effect from the Resignation Effective Date or the Removal Effective Date (as applicable) (i) the retiring or removed Administrative Agent shall be discharged from its duties and obligations hereunder and under the other Loan Documents (except that in the case of any collateral security held by the Administrative Agent on behalf of the Secured Parties under any of the Loan Documents, the retiring or removed Administrative Agent shall continue to hold such collateral security until such time as a successor Administrative Agent is appointed and such collateral security is assigned to such successor Administrative Agent) and (ii) except for any indemnity payments owed to the retiring or removed Administrative Agent, all payments, communications and determinations provided to be made by, to or through the Administrative Agent shall instead be made by or to each Lender directly, until such time, if any, as the Required Lenders appoint a successor Administrative Agent as provided for above in this Section. Upon the acceptance of a successor’s appointment as Administrative Agent hereunder, such successor shall succeed to and become vested with all of the rights, powers, privileges and duties of the retiring or removed Administrative Agent (other than any rights to indemnity payments owed to the retiring or removed Administrative Agent), and the retiring or removed Administrative Agent shall be discharged from all of its duties and obligations hereunder or under the other Loan Documents (if not already discharged therefrom as provided above in this Section). The fees payable by the Borrower to a successor Administrative Agent shall be the same as those payable to its predecessor unless otherwise agreed between the Borrower and such successor. After the retiring or removed Administrative Agent’s resignation or removal hereunder and under the other Loan Documents, the provisions of Section 9 and Section 10.5 shall continue in effect for the benefit of such retiring or removed Administrative Agent, its sub-agents and their respective Related Parties in respect of any actions taken or omitted to be taken by any of them while the retiring or removed Administrative Agent was acting as the Administrative Agent.

9.10 Collateral and Guaranty Matters.

(a) The Lenders irrevocably authorize the Administrative Agent, at its option and in its discretion,

(i) to release any Lien on any Collateral or other property granted to or held by the Administrative Agent under any Loan Document (A) upon the Discharge of Obligations (other than contingent indemnification obligations) and the expiration or termination of all Letters of Credit (other than Letters of Credit as to which other arrangements satisfactory to the Administrative Agent and the applicable Issuing Lender shall have been made), (B) that is sold or otherwise disposed of or to be sold or otherwise disposed of as part of or in connection with any sale or other disposition permitted hereunder or under any other Loan Document, or (C) subject to Section 10.1, if approved, authorized or ratified in writing by the Required Lenders;

(ii) to subordinate any Lien on any Collateral or other property granted to or held by the Administrative Agent under any Loan Document to the holder of any Lien on such property that is permitted by Sections 7.3(g) and (i); and

(iii) to release any Guarantor from its obligations under the Guarantee and Collateral Agreement if such Person ceases to be a Subsidiary or becomes an Excluded Subsidiary as a result of a transaction permitted under the Loan Documents.

Upon request by the Administrative Agent at any time, the Required Lenders will confirm in writing the Administrative Agent's authority to release or subordinate its interest in particular types or items of property, or to release any Guarantor from its obligations under the guaranty pursuant to this Section 9.10.

(b) The Administrative Agent shall not be responsible for or have a duty to ascertain or inquire into any representation or warranty regarding the existence, value or collectability of the Collateral, the existence, priority or perfection of the Administrative Agent's Lien thereon, or any certificate prepared by any Loan Party in connection therewith, nor shall the Administrative Agent be responsible or liable to the Lenders for any failure to monitor or maintain any portion of the Collateral.

(c) Notwithstanding anything contained in any Loan Document, no Secured Party shall have any right individually to realize upon any of the Collateral or to enforce any guaranty of the Obligations (including any such guaranty provided by the Guarantors pursuant to the Guarantee and Collateral Agreement), it being understood and agreed that all powers, rights and remedies under the Loan Documents may be exercised solely by the Administrative Agent on behalf of the Secured Parties in accordance with the terms thereof; provided that, for the avoidance of doubt, in no event shall a Secured Party be restricted hereunder from filing a proof of claim on its own behalf during the pendency of a proceeding relative to any Loan Party under any Debtor Relief Law or any other judicial proceeding. In the event of a foreclosure by the Administrative Agent on any of the Collateral pursuant to a public or private sale or other disposition, the Administrative Agent or any Secured Party may be the purchaser or licensor of any or all of such Collateral at any such sale or other disposition, and the Administrative Agent, as agent for and representative of such Secured Party (but not any Lender or Lenders in its or their respective individual capacities unless the Required Lenders shall otherwise agree in writing) shall be entitled, for the purpose of bidding and making settlement or payment of the purchase price for all or any portion of the Collateral sold at any such public sale, to use and apply any of the Obligations as a credit on account of the purchase price for any Collateral payable by the Administrative Agent on behalf of the Secured Parties at such sale or other disposition. Each Secured Party, whether or not a party hereto, will be deemed, by its acceptance of the benefits of the Collateral and of the guarantees of the Obligations provided by the Loan Parties under the Guarantee and Collateral Agreement, to have agreed to the foregoing provisions. In furtherance of the foregoing, and not in limitation thereof, no Specified Swap Agreement and no Cash Management Agreement, the Obligations under which constitute Obligations, will create (or be deemed to create) in favor of any Secured Party that is a party thereto any rights in connection with the management or release of any Collateral or of the Obligations of any Loan Party under any Loan Document except as expressly provided herein or in the Guarantee and Collateral Agreement. By accepting the benefits of the Collateral and of the guarantees of the Obligations provided by the Loan Parties under the Guarantee and Collateral Agreement, any Secured Party that is a Cash Management Bank or a Qualified Counterparty shall be deemed to have appointed the Administrative Agent to serve as administrative agent and collateral agent under the Loan Documents and to have agreed to be bound by the Loan Documents as a Secured Party thereunder, subject to the limitations set forth in this paragraph.

9.11 Administrative Agent May File Proofs of Claim. In case of the pendency of any proceeding under any Debtor Relief Law or any other judicial proceeding relative to any Loan Party, the

Administrative Agent (irrespective of whether the principal of any Loan or Obligation in respect of any Letter of Credit shall then be due and payable as herein expressed or by declaration or otherwise and irrespective of whether the Administrative Agent shall have made any demand on the Borrower) shall be entitled and empowered (but not obligated), by intervention in such proceeding or otherwise:

(a) to file and prove a claim for the whole amount of the principal and interest owing and unpaid in respect of the Loans, Obligations in respect of any Letter of Credit and all other Obligations that are owing and unpaid and to file such other documents as may be necessary or advisable to have the claims of the Lenders and the Administrative Agent (including any claim for the reasonable compensation, expenses, disbursements and advances of the Lenders and the Administrative Agent and their respective agents and counsel and all other amounts due the Lenders and the Administrative Agent under Sections 2.9 and 10.5) allowed in such judicial proceeding; and

(b) to collect and receive any monies or other property payable or deliverable on any such claims and to distribute the same;

and any custodian, receiver, assignee, trustee, liquidator, sequestrator or other similar official in any such judicial proceeding is hereby authorized by each Lender to make such payments to the Administrative Agent and, in the event that the Administrative Agent shall consent to the making of such payments directly to the Lenders, to pay to the Administrative Agent any amount due for the reasonable compensation, expenses, disbursements and advances of the Administrative Agent and its agents and counsel, and any other amounts due the Administrative Agent under Sections 2.9 and 10.5.

Nothing contained herein shall be deemed to authorize the Administrative Agent to authorize or consent to or accept or adopt on behalf of any Lender any plan of reorganization, arrangement, adjustment or composition affecting the Obligations or the rights of any Lender to authorize the Administrative Agent to vote in respect of the claim of any Lender in any such proceeding.

9.12 [Reserved].

9.13 Cash Management Bank and Qualified Counterparty Reports. Each Cash Management Bank and each Qualified Counterparty agrees to furnish to the Administrative Agent, as frequently as the Administrative Agent may reasonably request, with a summary of all Obligations in respect of Cash Management Services and/or Specified Swap Agreements, as applicable, due or to become due to such Cash Management Bank or Qualified Counterparty, as applicable. In connection with any distributions to be made hereunder, the Administrative Agent shall be entitled to assume that no amounts are due to any Cash Management Bank or Qualified Counterparty (in its capacity as a Cash Management Bank or Qualified Counterparty and not in its capacity as a Lender) unless the Administrative Agent has received written notice thereof from such Cash Management Bank or Qualified Counterparty and if such notice is received, the Administrative Agent shall be entitled to assume that the only amounts due to such Cash Management Bank or Qualified Counterparty on account of Cash Management Services or Specified Swap Agreements are set forth in such notice.

9.14 Certain ERISA Matters.

(a) Each Lender (x) represents and warrants, as of the date such Person became a Lender party hereto, to, and (y) covenants, from the date such Person became a Lender party hereto to the date such Person ceases being a Lender party hereto, for the benefit of, the Administrative Agent and its

respective Affiliates, and not, for the avoidance of doubt, to or for the benefit of the Borrower or any other Loan Party, that at least one of the following is and will be true:

(i) such Lender is not using “plan assets” (within the meaning of the Plan Asset Regulations or otherwise for purposes of Title I of ERISA or Section 4975 of the Code) of one or more Benefit Plans in connection with the Loans, the Letters of Credit or the Commitments,

(ii) the prohibited transaction exemption set forth in one or more PTEs, such as PTE 84-14 (a class exemption for certain transactions determined by independent qualified professional asset managers), PTE 95-60 (a class exemption for certain transactions involving insurance company general accounts), PTE 90-1 (a class exemption for certain transactions involving insurance company pooled separate accounts), PTE 91-38 (a class exemption for certain transactions involving bank collective investment funds) or PTE 96-23 (a class exemption for certain transactions determined by in-house asset managers), is applicable with respect to such Lender’s entrance into, participation in, administration of and performance of the Loans, the Letters of Credit, the Commitments and this Agreement,

(iii) (A) such Lender is an investment fund managed by a “Qualified Professional Asset Manager” (within the meaning of Part VI of PTE 84-14), (B) such Qualified Professional Asset Manager made the investment decision on behalf of such Lender to enter into, participate in, administer and perform the Loans, the Letters of Credit, the Commitments and this Agreement, (C) the entrance into, participation in, administration of and performance of the Loans, the Letters of Credit, the Commitments and this Agreement satisfies the requirements of sub-sections (b) through (g) of Part I of PTE 84-14 and (D) to the best knowledge of such Lender, the requirements of subsection (a) of Part I of PTE 84-14 are satisfied with respect to such Lender’s entrance into, participation in, administration of and performance of the Loans, the Letters of Credit, the Commitments and this Agreement, or

(iv) such other representation, warranty and covenant as may be agreed in writing between the Administrative Agent, in its sole discretion, and such Lender.

In addition, unless either (1) sub-clause (i) in the immediately preceding clause (a) is true with respect to a Lender or (2) a Lender has provided another representation, warranty and covenant in accordance with sub-clause (iv) in the immediately preceding clause (a), such Lender further (x) represents and warrants, as of the date such Person became a Lender party hereto, and (y) covenants, from the date such Person became a Lender party hereto to the date such Person ceases being a Lender party hereto, for the benefit of, the Administrative Agent and its Affiliates, and not, for the avoidance of doubt, to or for the benefit of the Borrower or any other Loan Party, that neither the Administrative Agent nor any of its Affiliates is a fiduciary with respect to the Collateral or the assets of such Lender (including in connection with the reservation or exercise of any rights by the Administrative Agent under this Agreement, any Loan Document or any documents related to hereto or thereto).

(b) The Administrative Agent hereby informs the Lenders that each such Person is not undertaking to provide investment advice or to give advice in a fiduciary capacity, in connection with the transactions contemplated hereby, and that such Person has a financial interest in the transactions contemplated hereby in that such Person or an Affiliate thereof (i) may receive interest or other payments with respect to the Loans, the Letters of Credit, the Commitments, this Agreement and any other Loan Documents, (ii) may recognize a gain if it extended the Loans, the Letters of Credit or the Commitments for an amount less than the amount being paid for an interest in the Loans, the Letters of Credit or the Commitments by such Lender or (iii) may receive fees or other payments in connection with the

transactions contemplated hereby, the Loan Documents or otherwise, including structuring fees, commitment fees, arrangement fees, facility fees, upfront fees, underwriting fees, ticking fees, agency fees, administrative agent or collateral agent fees, utilization fees, minimum usage fees, letter of credit fees, fronting fees, deal-away or alternate transaction fees, amendment fees, processing fees, term out premiums, banker's acceptance fees, breakage or other early termination fees or fees similar to the foregoing.

9.15 Recovery of Erroneous Payments.

(a) If the Administrative Agent notifies a Lender, Issuing Lender, Swingline Lender or Secured Party, or any Person who has received funds on behalf of a Lender, Issuing Lender, Swingline Lender or Secured Party (any such Lender, Issuing Lender, Swingline Lender, Secured Party or other recipient, a "**Payment Recipient**") that the Administrative Agent has determined in its sole discretion (whether or not after receipt of any notice under immediately succeeding clause (b)) that any funds received by such Payment Recipient from the Administrative Agent or any of its Affiliates were erroneously transmitted to, or otherwise erroneously or mistakenly received by, such Payment Recipient (whether or not known to such Lender, Issuing Lender, Swingline Lender, Secured Party or other Payment Recipient on its behalf) (any such funds, whether received as a payment, prepayment or repayment of principal, interest, fees, distribution or otherwise, individually and collectively, an "**Erroneous Payment**") and demands the return of such Erroneous Payment (or a portion thereof), such Erroneous Payment shall at all times remain the property of the Administrative Agent and shall be segregated by the Payment Recipient and held in trust for the benefit of the Administrative Agent, and such Lender, Issuing Lender, Swingline Lender or Secured Party shall (or, with respect to any Payment Recipient who received such funds on its behalf, shall cause such Payment Recipient to) promptly, but in no event later than 2 Business Days thereafter, return to the Administrative Agent the amount of any such Erroneous Payment (or portion thereof) as to which such a demand was made, in same day funds (in the currency so received), together with interest thereon in respect of each day from and including the date such Erroneous Payment (or portion thereof) was received by such Payment Recipient to the date such amount is repaid to the Administrative Agent in same day funds at the greater of the Federal Funds Effective Rate and a rate determined by the Administrative Agent in accordance with banking industry rules on interbank compensation from time to time in effect. A notice of the Administrative Agent to any Payment Recipient under this clause (a) shall be conclusive, absent manifest error.

(b) Without limiting immediately preceding clause (a), each Lender, Issuing Lender, Swingline Lender or Secured Party, or any Person who has received funds on behalf of a Lender, Issuing Lender, Swingline Lender or Secured Party, hereby further agrees that if it receives a payment, prepayment or repayment (whether received as a payment, prepayment or repayment of principal, interest, fees, distribution or otherwise) from the Administrative Agent (or any of its Affiliates) (x) that is in a different amount than, or on a different date from, that specified in a notice of payment, prepayment or repayment sent by the Administrative Agent (or any of its Affiliates) with respect to such payment, prepayment or repayment, (y) that was not preceded or accompanied by a notice of payment, prepayment or repayment sent by the Administrative Agent (or any of its Affiliates), or (z) that such Lender, Issuing Lender, Swingline Lender or Secured Party, or other such recipient, otherwise becomes aware was transmitted, or received, in error or by mistake (in whole or in part) in each case:

(i) in the case of immediately preceding clauses (x) or (y), an error shall be presumed to have been made (absent written confirmation from the Administrative Agent to the contrary) or (B) an error has been made (in the case of immediately preceding clause (z)), in each case, with respect to such payment, prepayment or repayment; and

(ii) such Lender, Issuing Lender, Swingline Lender or Secured Party shall (and shall cause any other recipient that receives funds on its respective behalf to) promptly (and, in all events, within one (1) Business Day of its knowledge of such error) notify the Administrative Agent of its receipt of such payment, prepayment or repayment, the details thereof (in reasonable detail) and that it is so notifying the Administrative Agent pursuant to this Section 9.15(b).

(c) Each Lender, Issuing Lender, Swingline Lender or Secured Party hereby authorizes the Administrative Agent to set off, net and apply any and all amounts at any time owing to such Lender, Issuing Lender, Swingline Lender or Secured Party under any Loan Document, or otherwise payable or distributable by the Administrative Agent to such Lender, Issuing Lender, Swingline Lender or Secured Party from any source, against any amount due to the Administrative Agent under clause (a) hereof or under the indemnification provisions of this Agreement.

(d) In the event that an Erroneous Payment (or portion thereof) is not recovered by the Administrative Agent for any reason, after demand therefor by the Administrative Agent in accordance with clause (a) hereof, from any Lender, Issuing Lender or Swingline Lender that has received such Erroneous Payment (or portion thereof) (and/or from any Payment Recipient who received such Erroneous Payment (or portion thereof) on its respective behalf) (such unrecovered amount, an “**Erroneous Payment Return Deficiency**”), upon the Administrative Agent’s notice to such Lender, Issuing Lender or Swingline Lender at any time, (i) such Lender, Issuing Lender or Swingline Lender shall be deemed to have assigned its Loans (but not its Commitments) with respect to which such Erroneous Payment was made (the “**Erroneous Payment Impacted Class**”) in an amount equal to the Erroneous Payment Return Deficiency (or such lesser amount as the Administrative Agent may specify) (such assignment of the Loans (but not Commitments) of the Erroneous Payment Impacted Class, the “**Erroneous Payment Deficiency Assignment**”) at par plus any accrued and unpaid interest (with the assignment fee to be waived by the Administrative Agent in such instance), and is hereby (together with Borrower) deemed to execute and deliver an Assignment and Assumption (or, to the extent applicable, an agreement incorporating an Assignment and Assumption by reference pursuant to an Approved Electronic Platform as to which the Administrative Agent and such parties are participants) with respect to such Erroneous Payment Deficiency Assignment, and such Lender, Issuing Lender or Swingline Lender shall deliver any Notes evidencing such Loans to Borrower (and the Administrative Agent may request that a Note be issued to it), (ii) the Administrative Agent as the assignee Lender shall be deemed to acquire the Erroneous Payment Deficiency Assignment, (iii) upon such deemed acquisition, the Administrative Agent as the assignee Lender shall become a Lender, Issuing Lender or Swingline Lender, as applicable, hereunder with respect to such Erroneous Payment Deficiency Assignment and the assigning Lender or assigning Issuing Lender or assigning Swingline Lender shall cease to be a Lender, Issuing Lender or Swingline Lender, as applicable, hereunder with respect to such Erroneous Payment Deficiency Assignment, excluding, for the avoidance of doubt, its obligations under the indemnification provisions of this Agreement and its applicable Commitments which shall survive as to such assigning Lender, assigning Issuing Lender or assigning Swingline Lender and (iv) the Administrative Agent may reflect in the Register its ownership interest in the Loans subject to the Erroneous Payment Deficiency Assignment. The Administrative Agent may, in its discretion, sell any Loans acquired pursuant to an Erroneous Payment Deficiency Assignment and upon receipt of the proceeds of such sale, the Erroneous Payment Return Deficiency owing by the applicable Lender, Issuing Lender or Swingline Lender shall be reduced by the net proceeds of the sale of such Loan (or portion thereof), and the Administrative Agent shall retain all other rights, remedies and claims against such Lender, Issuing Lender or Swingline Lender (and/or against any recipient that receives funds on its respective behalf). For the avoidance of doubt, no Erroneous Payment Deficiency Assignment will reduce the Commitments of any Lender, Issuing Lender or Swingline Lender and such Commitments shall remain available in accordance with the terms of this

Agreement. In addition, each party hereto agrees that, except to the extent that the Administrative Agent has sold a Loan (or portion thereof) acquired pursuant to an Erroneous Payment Deficiency Assignment, and irrespective of whether the Administrative Agent may be equitably subrogated, the Administrative Agent shall be contractually subrogated to all the rights and interests of the applicable Lender, Issuing Lender, Swingline Lender or Secured Party under the Loan Documents with respect to each Erroneous Payment Return Deficiency (the “**Erroneous Payment Subrogation Rights**”).

(e) The parties hereto agree that an Erroneous Payment shall not pay, prepay, repay, discharge or otherwise satisfy any Obligations owed by the Borrower or any other Loan Party, except, in each case, to the extent such Erroneous Payment is, and solely with respect to the amount of such Erroneous Payment that is, comprised of funds received by the Administrative Agent from the Borrower or any other Loan Party for the purpose of making such Erroneous Payment.

(f) To the extent permitted by applicable law, no Payment Recipient shall assert any right or claim to an Erroneous Payment, and hereby waives, and is deemed to waive, any claim, counterclaim, defense or right of set-off or recoupment with respect to any demand, claim or counterclaim by the Administrative Agent for the return of any Erroneous Payment received, including without limitation any defense based on “discharge for value” or any similar doctrine.

(g) Each party’s obligations, agreements and waivers under this Section 9.15 shall survive the resignation or replacement of the Administrative Agent, any transfer of rights or obligations by, or the replacement of, a Lender, Swingline Lender or Issuing Lender, or the Discharge of Obligations.

9.16 Survival. This Section 9 shall survive the Discharge of Obligations.

SECTION 10 MISCELLANEOUS

10.1 Amendments and Waivers.

(a) Neither this Agreement, any other Loan Document (other than any L/C Related Document), nor any terms hereof or thereof may be amended, supplemented or modified except in accordance with the provisions of this Section 10.1. The Required Lenders and each Loan Party party to the relevant Loan Document may, or, with the written consent of the Required Lenders, the Administrative Agent and each Loan Party party to the relevant Loan Document may, from time to time, (i) enter into written amendments, supplements or modifications hereto and to the other Loan Documents for the purpose of adding any provisions to this Agreement or the other Loan Documents or changing in any manner the rights of the Lenders or of the Loan Parties hereunder or thereunder or (ii) waive, on such terms and conditions as the Required Lenders or the Administrative Agent, as the case may be, may specify in such instrument, any of the requirements of this Agreement or the other Loan Documents or any Default or Event of Default and its consequences; provided that no such waiver and no such amendment, supplement or modification shall (A) forgive the principal amount or extend the final scheduled date of maturity of any Loan, reduce the stated rate of any interest (except pursuant to Section 2.17(b)) or fee payable hereunder (except that no amendment or modification of defined terms used in the Financial Covenant in this Agreement or waiver of any Default or Event of Default or the right to receive interest at the Default Rate shall constitute a reduction in the rate of interest or fees for purposes of this clause (A)) or extend the scheduled date of any payment thereof, or increase the amount or extend the expiration date of any Lender’s Revolving Commitment, in each case, without the written consent of each Lender directly affected thereby; (B) eliminate or reduce the voting rights of any Lender under this

Section 10.1 without the written consent of such Lender; (C) reduce any percentage specified in the definition of Required Lenders, consent to the assignment or transfer by the Borrower of any of its rights and obligations under this Agreement and the other Loan Documents, release all or substantially all of the Collateral, contractually subordinate the Obligations (including any guarantees thereof) or the Administrative Agent's Lien on all or substantially all of the Collateral or release all or substantially all of the value of the guarantees (taken as a whole) of the Guarantors from their obligations under the Guarantee and Collateral Agreement, in each case without the written consent of all Lenders; (D) (i) amend, modify or waive the *pro rata* requirements of Section 2.18 or any other provision of the Loan Documents requiring *pro rata* treatment of the Lenders in a manner that adversely affects Revolving Lenders without the written consent of each Revolving Lender or (ii) amend, modify or waive the *pro rata* requirements of Section 2.18 or any other provision of the Loan Documents requiring *pro rata* treatment of the Lenders in a manner that adversely affects the L/C Lenders without the written consent of each L/C Lender; (E) [reserved]; (F) amend, modify or waive any provision of Section 9 without the written consent of the Administrative Agent; (G) amend, modify or waive any provision of Section 2.6 or 2.7 without the written consent of the Swingline Lender; (H) amend, modify or waive any provision of Section 3 without the written consent of the Administrative Agent, the Issuing Lender and each Lender; or (I) amend or modify the application of payments set forth in Section 8.3 without the written consent of each Lender. Any such waiver and any such amendment, supplement or modification shall apply equally to each of the Lenders and shall be binding upon the Loan Parties, the Lenders, the Administrative Agent, the Issuing Lender, each Cash Management Bank, each Qualified Counterparty, and all future holders of the Loans. In the case of any waiver, the Loan Parties, the Lenders and the Administrative Agent shall be restored to their former position and rights hereunder and under the other Loan Documents, and any Default or Event of Default waived shall be deemed to be cured during the period such waiver is effective; but no such waiver shall extend to any subsequent or other Default or Event of Default, or impair any right consequent thereon. Notwithstanding the foregoing, the Issuing Lender may amend any of the L/C Related Documents without the consent of the Administrative Agent or any other Lender and the Issuing Lender, Administrative Agent and the Borrower may make customary technical amendments if any Letter of Credit shall be issued hereunder in a currency other than U.S. Dollars. Notwithstanding anything to the contrary herein, no Defaulting Lender shall have any right to approve or disapprove any amendment, waiver or consent hereunder (and any amendment, waiver or consent which by its terms requires the consent of all Lenders or each affected Lender may be effected with the consent of the applicable Lenders other than Defaulting Lenders), except that (x) the Revolving Commitment of any Defaulting Lender may not be increased or extended without the consent of such Lender and (y) any waiver, amendment or modification requiring the consent of all Lenders or each affected Lender that by its terms affects any Defaulting Lender disproportionately adversely relative to other affected Lenders shall require the consent of such Defaulting Lender.

(b) Notwithstanding anything to the contrary contained in Section 10.1(a) above, in the event that the Borrower requests that this Agreement or any of the other Loan Documents be amended or otherwise modified in a manner which would require the consent of all of the Lenders and such amendment or other modification is agreed to by the Borrower, the Required Lenders and the Administrative Agent, then, with the consent of the Borrower, the Administrative Agent and the Required Lenders, this Agreement or such other Loan Document may be amended without the consent of the Lender or Lenders who are unwilling to agree to such amendment or other modification (each, a "**Minority Lender**"), to provide for:

- (i) the termination of the Commitment of each such Minority Lender;

(ii) the assumption of the Loans and Commitment of each such Minority Lender by one or more Replacement Lenders pursuant to the provisions of Section 2.23; and

(iii) the payment of all interest, fees and other obligations payable or accrued in favor of each Minority Lender and such other modifications to this Agreement or to such Loan Documents as the Borrower, the Administrative Agent and the Required Lenders may determine to be appropriate in connection therewith.

(c) Notwithstanding any provision herein to the contrary, this Agreement may be amended (or amended and restated) with the written consent of the Required Lenders, the Administrative Agent, and the Borrower, (i) to add one or more additional credit facilities to this Agreement and to permit all such additional extensions of credit and all related obligations and liabilities arising in connection therewith and from time to time outstanding thereunder to share ratably (or on a basis subordinated to the existing facilities hereunder) in the benefits of this Agreement and the other Loan Documents with the obligations and liabilities from time to time outstanding in respect of the existing facilities hereunder, and (ii) in connection with the foregoing, to permit, as deemed appropriate by the Administrative Agent and approved by the Required Lenders, the Lenders providing such additional credit facilities to participate in any required vote or action required to be approved by the Required Lenders.

(d) Notwithstanding any other provision, no consent of any Lender (or other Secured Party other than the Administrative Agent) shall be required to effectuate any amendment to implement any Increase permitted by Section 2.27 or to effect an alternate interest rate in a manner consistent with Section 2.17.

(e) Notwithstanding any provision herein to the contrary, any Cash Management Agreement may be amended or otherwise modified by the parties thereto in accordance with the terms thereof without the consent of the Administrative Agent or any Lender.

(f) Notwithstanding any provision herein or in any other Loan Document to the contrary, no Cash Management Bank and no Qualified Counterparty shall have any voting or approval rights hereunder (or be deemed a Lender) solely by virtue of its status as the provider or holder of Cash Management Services or Specified Swap Agreements or Obligations owing thereunder, nor shall the consent of any such Cash Management Bank or Qualified Counterparty, as applicable, be required for any matter, other than in their capacities as Lenders, to the extent applicable.

(g) Notwithstanding any other provision herein to the contrary, no consent of any Lender (or other Secured Party other than the Administrative Agent) shall be required to effectuate any amendment to implement any Increase permitted by Section 2.27.

(h) [Reserved].

(i) The Administrative Agent may, with the consent of the Borrower only, amend, modify or supplement this Agreement or any of the Loan Documents to cure any omission, mistake or defect.

10.2 Notices. (a) All notices, requests and demands to or upon the respective parties hereto to be effective shall be in writing (including by facsimile or electronic mail), and, unless otherwise expressly provided herein, shall be deemed to have been duly given or made when delivered, or 3 Business Days after being deposited in the mail, postage prepaid, or, in the case of facsimile or electronic

mail notice, when received, addressed as follows in the case of the Borrower and the Administrative Agent, and as set forth in an administrative questionnaire delivered to the Administrative Agent in the case of the Lenders, or to such other address as may be hereafter notified by the respective parties hereto:

Borrower:

Bandwidth Inc.
900 Main Campus Drive, Suite 100
Raleigh, NC 27606
Attn: Leah Webb
E-Mail: lwebb@bandwidth.com

with a copy (which shall not constitute notice) to:

Latham & Watkins LLP
1271 Avenue of the Americas
New York, NY 10020
Attn: Joshua Tinkelman
Email: joshua.tinkelman@lw.com

Administrative Agent:

Silicon Valley Bank
1200 17th Street, 16th Floor
Denver, CO 80202
Attn: Will Deevy
Telephone No.: 303-881-3552
E-Mail: wdeevy@svb.com

with a copy (which shall not constitute notice) to:

Morrison & Foerster LLP
200 Clarendon Street
Boston, Massachusetts 02116
Attention: Charles W. Stavros, Esq.
E-Mail: CStavros@mof.com

provided that any notice, request or demand to or upon the Administrative Agent or the Lenders shall not be effective until received.

(b) Notices and other communications to the Lenders hereunder may be delivered or furnished by electronic communications (including email and Internet or intranet websites) pursuant to procedures approved by the Administrative Agent; provided that the foregoing shall not apply to notices to any Lender pursuant to Section 2 unless otherwise agreed by the Administrative Agent and the applicable Lender. The Administrative Agent or any Loan Party may, in its discretion, agree to accept notices and other communications to it hereunder by electronic communications pursuant to procedures approved by it; provided that approval of such procedures may be limited to particular notices or communications. Unless the Administrative Agent otherwise prescribes, (i) notices and other communications sent to an email address shall be deemed received upon the sender's receipt of an acknowledgment from the intended recipient (such as by the "return receipt requested" function, as available, return email or other written acknowledgment); and (ii) notices or communications posted to an Internet or intranet website shall be deemed received upon the deemed receipt by the intended recipient at its email address as described in the foregoing clause (i) of notification that such notice or communication is available and identifying the website address therefor; provided that, for both clauses (i) and (ii), if such notice or other communication is not sent during the normal business hours of the recipient, such notice or communication shall be deemed to have been sent at the opening of business on the next Business Day for the recipient.

(c) Any party hereto may change its address or facsimile number for notices and other communications hereunder by notice to the other parties hereto.

(d) (i) Each Loan Party agrees that the Administrative Agent may, but shall not be obligated to, make the Communications (as defined below) available to the Issuing Lender and the other Lenders by posting the Communications on the Platform.

(ii) The Platform is provided “as is” and “as available.” The Agent Parties (as defined below) do not warrant the adequacy of the Platform and expressly disclaim liability for errors or omissions in the Communications. No warranty of any kind, express, implied or statutory, including, without limitation, any warranty of merchantability, fitness for a particular purpose, non-infringement of third-party rights or freedom from viruses or other code defects, is made by any Agent Party in connection with the Communications or the Platform. In no event shall the Administrative Agent or any of its Related Parties (collectively, the “*Agent Parties*”) have any liability to the Borrower or the other Loan Parties, any Lender or any other Person for damages of any kind, including direct or indirect, special, incidental or consequential damages, losses or expenses (whether in tort, contract or otherwise) arising out of the Borrower’s, any Loan Party’s or the Administrative Agent’s transmission of communications through the Platform. “*Communications*” means, collectively, any notice, demand, communication, information, document or other material provided by or on behalf of any Loan Party pursuant to any Loan Document or the transactions contemplated therein which is distributed to the Administrative Agent, any Lender or the Issuing Lender by means of electronic communications pursuant to this Section, including through the Platform.

10.3 No Waiver; Cumulative Remedies. No failure to exercise and no delay in exercising, on the part of the Administrative Agent or any Lender, any right, remedy, power or privilege hereunder or under the other Loan Documents shall operate as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, powers and privileges herein provided are cumulative and not exclusive of any rights, remedies, powers and privileges provided by law.

10.4 Survival of Representations and Warranties. All representations and warranties made hereunder, in the other Loan Documents and in any document, certificate or statement delivered pursuant hereto or in connection herewith shall survive the execution and delivery of this Agreement and the making of the Loans and other extensions of credit hereunder.

10.5 Expenses; Indemnity; Damage Waiver

(a) Costs and Expenses. The Borrower shall pay (i) all reasonable and documented out-of-pocket expenses incurred by the Administrative Agent and its Affiliates (including the reasonable fees, charges and disbursements of counsel for the Administrative Agent), in connection with the syndication of the Facilities, the preparation, negotiation, execution, delivery and administration of this Agreement and the other Loan Documents, or any amendments, modifications or waivers of the provisions hereof or thereof (whether or not the transactions contemplated hereby or thereby shall be consummated), (ii) all reasonable and documented out-of-pocket expenses incurred by the Issuing Lender in connection with the issuance, amendment, renewal or extension of any Letter of Credit or any demand for payment thereunder, and (iii) all reasonable and documented out-of-pocket expenses incurred by the Administrative Agent or any Lender (including the fees, charges and disbursements of counsel for the Administrative Agent or any Lender), in connection with the enforcement or protection of its rights (A) in connection with this Agreement and the other Loan Documents, including its rights under this Section, or (B) in connection with the Loans made or Letters of Credit issued or participated in hereunder, including all such documented out-of-pocket expenses incurred during any workout, restructuring or negotiations in respect of such Loans or Letters of Credit.

(b) Indemnification by the Borrower. The Borrower shall indemnify the Administrative Agent (and any sub-agent thereof), each Lender (including the Issuing Lender), and each Related Party of any of the foregoing Persons (each such Person being called an “*Indemnitee*”) against, and hold each Indemnitee harmless from, any and all losses, claims, damages, liabilities and related expenses (including the fees, charges and disbursements of any counsel for any Indemnitee), incurred by any Indemnitee or asserted against any Indemnitee by any Person (including the Borrower or any other Loan Party) other than such Indemnitee and its Related Parties arising out of, in connection with, or as a result of (i) the execution or delivery of this Agreement, any other Loan Document or any agreement or instrument contemplated hereby or thereby, the performance by the parties hereto of their respective obligations hereunder or thereunder or the consummation of the transactions contemplated hereby or thereby, (ii) any Loan or Letter of Credit or the use or proposed use of the proceeds therefrom (including any refusal by the Issuing Lender to honor a demand for payment under a Letter of Credit if the documents presented in connection with such demand do not strictly comply with the terms of such Letter of Credit), (iii) any actual or alleged presence or release of Materials of Environmental Concern on or from any property owned or operated by the Group Members, or any Environmental Liability related in any way to the Group Members, or (iv) any actual or prospective claim, litigation, investigation or proceeding relating to any of the foregoing, whether based on contract, tort or any other theory, whether brought by a third party or by the Borrower or any other Loan Party, and regardless of whether any Indemnitee is a party thereto; provided that such indemnity shall not, as to any Indemnitee, be available to the extent that such losses, claims, damages, liabilities or related expenses (x) are determined by a court of competent jurisdiction by final and nonappealable judgment to have resulted from the gross negligence or willful misconduct of such Indemnitee or (y) result from a claim brought by the Borrower or any other Loan Party against an Indemnitee for breach in bad faith of such Indemnitee’s obligations hereunder or under any other Loan Document, if the Borrower or such Loan Party has obtained a final and nonappealable judgment in its favor on such claim as determined by a court of competent jurisdiction. This Section 10.5(b) shall not apply with respect to Taxes other than any Taxes that represent losses, claims, damages, etc. arising from any non-Tax claim.

(c) Reimbursement by Lenders. To the extent that the Borrower for any reason fails indefeasibly to pay any amount required under paragraph (a) or (b) of this Section to be paid by it to the Administrative Agent (or any sub-agent thereof), the Issuing Lender, the Swingline Lender or any Related Party of any of the foregoing, each Lender severally agrees to pay to the Administrative Agent (or any such sub-agent), the Issuing Lender, the Swingline Lender or such Related Party, as the case may be, such Lender’s *pro rata* share (determined as of the time that the applicable unreimbursed expense or indemnity payment is sought based on each Lender’s Revolving Percentage at such time) of such unpaid amount (including any such unpaid amount in respect of a claim asserted by such Lender); provided that with respect to such unpaid amounts owed to the Issuing Lender or the Swingline Lender solely in its capacity as such, only the Revolving Lenders shall be required to pay such unpaid amounts, such payment to be made severally among them based on such Revolving Lenders’ Revolving Percentage (determined as of the time that the applicable unreimbursed expense or indemnity payment is sought); provided further, that the unreimbursed expense or indemnified loss, claim, damage, liability or related expense, as the case may be, was incurred by or asserted against the Administrative Agent (or any such sub-agent), the Issuing Lender or the Swingline Lender in its capacity as such, or against any Related Party of any of the foregoing acting for the Administrative Agent (or any such sub-agent), the Issuing Lender or the Swingline Lender in connection with such capacity. The obligations of the Lenders under this paragraph (c) are subject to the provisions of Sections 2.1, 2.4 and 2.20(e).

(d) Waiver of Consequential Damages, Etc. To the fullest extent permitted by applicable law, the Borrower and each other Loan Party shall not assert, and hereby waives, any claim

against any Indemnitee, on any theory of liability, for special, indirect, consequential or punitive damages (as opposed to direct or actual damages) arising out of, in connection with, or as a result of, this Agreement, any other Loan Document or any agreement or instrument contemplated hereby, the transactions contemplated hereby or thereby, any Loan or Letter of Credit, or the use of the proceeds thereof. No Indemnitee referred to in paragraph (b) above shall be liable for any damages arising from the use by unintended recipients of any information or other materials distributed by it through telecommunications, electronic or other information transmission systems in connection with this Agreement or the other Loan Documents or the transactions contemplated hereby or thereby.

(e) Payments. All amounts due under this Section shall be payable promptly after demand therefor.

(f) Survival. Each party's obligations under this Section shall survive the Discharge of Obligations.

10.6 Successors and Assigns; Participations and Assignments.

(a) Successors and Assigns Generally. The provisions of this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns permitted hereby (which, for purposes of this Section 10.6, shall include any Cash Management Bank and any Qualified Counterparty), except that neither the Borrower nor any other Loan Party may assign or otherwise transfer any of its rights or obligations hereunder without the prior written consent of the Administrative Agent and each Lender, and no Lender may assign or otherwise transfer any of its rights or obligations hereunder except (i) to an assignee in accordance with the provisions of paragraph (b) of this Section, (ii) by way of participation in accordance with the provisions of Section 10.6(d), or (iii) by way of pledge or assignment of a security interest subject to the restrictions of Section 10.6(e) (and any other attempted assignment or transfer by any party hereto shall be null and void). Nothing in this Agreement, expressed or implied, shall be construed to confer upon any Person (other than the parties hereto, their respective successors and assigns permitted hereby, Participants to the extent provided in paragraph (d) of this Section and, to the extent expressly contemplated hereby, the Related Parties of each of the Administrative Agent and the Lenders) any legal or equitable right, remedy or claim under or by reason of this Agreement.

(b) Assignments by Lenders. Any Lender may at any time assign to one or more assignees all or a portion of its rights and obligations under this Agreement (including all or a portion of its Commitment and the Loans at the time owing to it); provided that (in each case with respect to any Facility) any such assignment shall be subject to the following conditions:

(i) Minimum Amounts.

(A) in the case of an assignment of the entire remaining amount of the assigning Lender's Commitment and/or the Loans at the time owing to it (in each case with respect to any Facility) or contemporaneous assignments to Approved Funds that are Affiliates of one another (determined after giving effect to such assignments) that equal in the aggregate at least the amount specified in paragraph (b)(i)(B) of this Section for all such contemporaneous assignments, or in the case of an assignment to a Lender, an Affiliate of a Lender or an Approved Fund, no minimum amount need be assigned; and

(B) in any case not described in paragraph (b)(i)(A) of this Section, the aggregate amount of the Commitment (which for this purpose includes Loans outstanding thereunder)

or, if the applicable Commitment is not then in effect, the principal outstanding balance of the Loans of the assigning Lender subject to each such assignment (determined as of the date the Assignment and Assumption with respect to such assignment is delivered to the Administrative Agent or, if “**Trade Date**” is specified in the Assignment and Assumption, as of the Trade Date) shall not be less than \$5,000,000, unless each of the Administrative Agent and, so long as no Default or Event of Default has occurred and is continuing, the Borrower otherwise consents (each such consent not to be unreasonably withheld or delayed); provided that the Borrower shall be deemed to have consented to any such assignment unless it shall object thereto by written notice to the Administrative Agent within 10 Business Days after having received notice thereof.

(ii) Proportionate Amounts. Each partial assignment shall be made as an assignment of a proportionate part of all the assigning Lender’s rights and obligations under this Agreement with respect to the Loan or the Commitment assigned, except that this clause (ii) shall not prohibit any Lender from assigning all or a portion of its rights and obligations among separate Facilities on a non-pro rata basis. Notwithstanding the forgoing or anything herein to the contrary, the L/C Facility is a sublimit of the Revolving Facility and the commitments and obligations in respect of the Revolving Facility and the L/C Facility shall be assigned on a pro rata basis with each other.

(iii) Required Consents. No consent shall be required for any assignment except to the extent required by paragraph (b)(i)(B) of this Section and, in addition:

(A) the consent of the Borrower (such consent not to be unreasonably withheld or delayed) shall be required unless (x) an Event of Default has occurred and is continuing at the time of such assignment, or (y) such assignment is to a Lender, an Affiliate of a Lender or an Approved Fund; provided that the Borrower shall be deemed to have consented to any such assignment unless it shall object thereto by written notice to the Administrative Agent within 10 Business Days after having received notice thereof;

(B) the consent of the Administrative Agent (such consent not to be unreasonably withheld or delayed) shall be required for assignments in respect of the Revolving Facility if such assignment is to a Person that is not a Lender with a Revolving Commitment; and

(C) the consent of the Issuing Lender and the Swingline Lender shall be required for any assignment in respect of the Revolving Facility.

(iv) Assignment and Assumption. The parties to each assignment shall execute and deliver to the Administrative Agent an Assignment and Assumption, together with a processing and recordation fee of \$3,500; provided that the Administrative Agent may, in its sole discretion, elect to waive such processing and recordation fee in the case of any assignment. The assignee, if it is not a Lender, shall deliver to the Administrative Agent any such administrative questionnaire as the Administrative Agent may request.

(v) No Assignment to Certain Persons. No such assignment shall be made to (A) the Borrower or any of the Borrower’s Affiliates or Subsidiaries, (B) to any Defaulting Lender or any of its Subsidiaries, or any Person who, upon becoming a Lender hereunder, would constitute any of the foregoing Persons described in this clause (B) or (C) any Disqualified Lender so long as no Specified Event of Default has occurred and is continuing.

(vi) No Assignment to Natural Persons. No such assignment shall be made to a natural Person (or a holding company, investment vehicle or trust established for, or owned and operated for the primary benefit of, a natural Person).

(vii) Certain Additional Payments. In connection with any assignment of rights and obligations of any Defaulting Lender hereunder, no such assignment shall be effective unless and until, in addition to the other conditions thereto set forth herein, the parties to the assignment shall make such additional payments to the Administrative Agent in an aggregate amount sufficient, upon distribution thereof as appropriate (which may be outright payment, purchases by the assignee of participations or subparticipations, or other compensating actions, including funding, with the consent of the Borrower and the Administrative Agent, the applicable pro rata share of Loans previously requested but not funded by the Defaulting Lender, to each of which the applicable assignee and assignor hereby irrevocably consent), to (x) pay and satisfy in full all payment liabilities then owed by such Defaulting Lender to the Administrative Agent, the Issuing Lender, the Swingline Lender and each other Lender hereunder (and interest accrued thereon), and (y) acquire (and fund as appropriate) its full pro rata share of all Loans and participations in Letters of Credit and Swingline Loans in accordance with its Revolving Percentage. Notwithstanding the foregoing, in the event that any assignment of rights and obligations of any Defaulting Lender hereunder shall become effective under applicable law without compliance with the provisions of this paragraph, then the assignee of such interest shall be deemed to be a Defaulting Lender for all purposes of this Agreement until such compliance occurs.

Subject to acceptance and recording thereof by the Administrative Agent pursuant to paragraph (c) of this Section, from and after the effective date specified in each Assignment and Assumption, the assignee thereunder shall be a party to this Agreement and, to the extent of the interest assigned by such Assignment and Assumption, have the rights and obligations of a Lender under this Agreement, and the assigning Lender thereunder shall, to the extent of the interest assigned by such Assignment and Assumption, be released from its obligations under this Agreement (and, in the case of an Assignment and Assumption covering all of the assigning Lender's rights and obligations under this Agreement, such Lender shall cease to be a party hereto) but shall continue to be entitled to the benefits of Sections 2.19, 2.20, 2.21 and 10.5 with respect to facts and circumstances occurring prior to the effective date of such assignment; provided, that except to the extent otherwise expressly agreed by the affected parties, no assignment by a Defaulting Lender will constitute a waiver or release of any claim of any party hereunder arising from that Lender's having been a Defaulting Lender. Any assignment or transfer by a Lender of rights or obligations under this Agreement that does not comply with this paragraph shall be treated for purposes of this Agreement as a sale by such Lender of a participation in such rights and obligations in accordance with paragraph (d) of this Section.

(c) Register. The Administrative Agent, acting solely for this purpose as a non-fiduciary agent of the Borrower, shall maintain at one of its offices in California a copy of each Assignment and Assumption delivered to it and a register for the recordation of the names and addresses of the Lenders, and the Commitments of, and principal amounts (and stated interest) of the Loans owing to, each Lender pursuant to the terms hereof from time to time (the "**Register**"). The entries in the Register shall be conclusive absent manifest error, and the Borrower, the Administrative Agent and the Lenders shall treat each Person whose name is recorded in the Register pursuant to the terms hereof as a Lender hereunder for all purposes of this Agreement. The Register shall be available for inspection by the Borrower and any Lender, at any reasonable time and from time to time upon reasonable prior notice.

(d) Participations. Any Lender may at any time, without the consent of, or notice to, the Borrower or the Administrative Agent, sell participations to any Person (other than a natural Person, a holding company, investment vehicle or trust established for, or owned and operated for the primary

benefit of, a natural Person, the Borrower or any of the Borrower's Affiliates or Subsidiaries or a Disqualified Lender (but only so long as no Specified Event of Default has occurred and is continuing at the time of such participation)) (each, a "**Participant**") in all or a portion of such Lender's rights and/or obligations under this Agreement (including all or a portion of its Commitment and/or the Loans owing to it); provided that (i) such Lender's obligations under this Agreement shall remain unchanged, (ii) such Lender shall remain solely responsible to the other parties hereto for the performance of such obligations, and (iii) the Borrower, the Administrative Agent, the Issuing Lender and the other Lenders shall continue to deal solely and directly with such Lender in connection with such Lender's rights and obligations under this Agreement. For the avoidance of doubt, each Lender shall be responsible for the indemnities under Sections 2.20(e) and 9.7 with respect to any payments made by such Lender to its Participant(s).

Any agreement or instrument pursuant to which a Lender sells such a participation shall provide that such Lender shall retain the sole right to enforce this Agreement and to approve any amendment, modification or waiver of any provision of this Agreement; provided that such agreement or instrument may provide that such Lender will not, without the consent of the Participant, agree to any amendment, modification or waiver which affects such Participant and for which the consent of such Lender is required (as described in Section 10.1). The Borrower agrees that each Participant shall be entitled to the benefits of Sections 2.19, 2.20 and 2.21 (subject to the requirements and limitations therein, including the requirements under Section 2.20(f) (it being understood that the documentation required under Section 2.20(f) shall be delivered by such Participant to the Lender granting such participation)) to the same extent as if it were a Lender and had acquired its interest by assignment pursuant to Section 10.6(b); provided that such Participant (A) agrees to be subject to the provisions of Sections 2.22 and 2.23 as if it were an assignee under Section 10.6(b); and (B) shall not be entitled to receive any greater payment under Sections 2.19 or 2.20, with respect to any participation, than its participating Lender would have been entitled to receive, except to the extent such entitlement to receive a greater payment results from a change in any Requirement of Law that occurs after the Participant acquired the applicable participation. Each Lender that sells a participation agrees, at the Borrower's request and expense, to use reasonable efforts to cooperate with the Borrower to effectuate the provisions of Sections 2.22 and 2.23 with respect to any Participant. To the extent permitted by law, each Participant also shall be entitled to the benefits of Section 10.7 as though it were a Lender; provided that such Participant agrees to be subject to Section 2.18(k) as though it were a Lender. Each Lender that sells a participation shall, acting solely for this purpose as a non-fiduciary agent of the Borrower, maintain a register on which it enters the name and address of each Participant and the principal amounts (and stated interest) of each Participant's interest in the Loans or other obligations under the Loan Documents (the "**Participant Register**"); provided that no Lender shall have any obligation to disclose all or any portion of the Participant Register (including the identity of any Participant or any information relating to a Participant's interest in any Commitments, Loans, Letters of Credit or its other obligations under any Loan Document) to any Person except to the extent that such disclosure is necessary to establish that such commitment, loan, letter of credit or other obligation is in registered form under Section 5f.103-1(c) of the United States Treasury Regulations. The entries in the Participant Register shall be conclusive absent manifest error, and such Lender shall treat each Person whose name is recorded in the Participant Register as the owner of such participation for all purposes of this Agreement notwithstanding any notice to the contrary. For the avoidance of doubt, the Administrative Agent (in its capacity as Administrative Agent) shall have no responsibility for maintaining a Participant Register.

(e) Certain Pledges. Any Lender may at any time pledge or assign a security interest in all or any portion of its rights under this Agreement to secure obligations of such Lender, including any pledge or assignment to secure obligations to a Federal Reserve Bank; provided that no such pledge or

assignment shall release such Lender from any of its obligations hereunder or substitute any such pledgee or assignee for such Lender as a party hereto.

(f) Notes. The Borrower, upon receipt by the Borrower of written notice from the relevant Lender, agrees to issue Notes to any Lender requiring Notes to facilitate transactions of the type described in Section 10.6.

(g) Representations and Warranties of Lenders. Each Lender, upon execution and delivery hereof or upon succeeding to an interest in the Commitments or Loans, as the case may be, represents and warrants as of the Closing Date or as of the effective date of the applicable Assignment and Assumption that (i) it is an Eligible Assignee; (ii) it has experience and expertise in the making of or investing in commitments, loans or investments such as the Commitments and Loans; and (iii) it will make or invest in its Commitments and Loans for its own account in the ordinary course of its business and without a view to distribution of such Commitments and Loans within the meaning of the Securities Act or the Exchange Act, or other federal securities laws (it being understood that, subject to the provisions of this Section 10.6, the disposition of such Commitments and Loans or any interests therein shall at all times remain within its exclusive control).

10.7 Adjustments; Set-off.

(a) Except to the extent that this Agreement expressly provides for payments to be allocated to a particular Lender or to the Lenders under a particular Facility, if any Lender (a "**Benefitted Lender**") shall receive any payment of all or part of the Obligations owing to it, or receive any collateral in respect thereof (whether voluntarily or involuntarily, by set-off, pursuant to events or proceedings of the nature referred to in Section 8.1(f), or otherwise), in a greater proportion than any such payment to or collateral received by any other Lender, if any, in respect of the Obligations owing to such other Lender, such Benefitted Lender shall purchase for cash from the other Lenders a participating interest in such portion of the Obligations owing to each such other Lender, or shall provide such other Lenders with the benefits of any such collateral, as shall be necessary to cause such Benefitted Lender to share the excess payment or benefits of such collateral ratably with each of the Lenders; provided that if all or any portion of such excess payment or benefits is thereafter recovered from such Benefitted Lender, such purchase shall be rescinded, and the purchase price and benefits returned, to the extent of such recovery, but without interest.

(b) Upon (i) the occurrence and during the continuance of any Event of Default and (ii) obtaining the prior written consent of the Administrative Agent, each Lender and each of its Affiliates is hereby authorized at any time and from time to time, without prior notice to the Borrower or any other Loan Party, any such notice being expressly waived by the Borrower and each Loan Party, to the fullest extent permitted by applicable law, to set off and apply any and all deposits (general or special, time or demand, provisional or final), in any currency, at any time held or owing, and any other credits, indebtedness, claims or obligations, in any currency, in each case whether direct or indirect, absolute or contingent, matured or unmatured, at any time held or owing by such Lender, its Affiliates or any branch or agency thereof to or for the credit or the account of the Borrower or any other Loan Party, as the case may be, against any and all of the obligations of the Borrower or such other Loan Party now or hereafter existing under this Agreement or any other Loan Document to such Lender or its Affiliates, irrespective of whether or not such Lender or Affiliate shall have made any demand under this Agreement or any other Loan Document and although such obligations of the Borrower or such other Loan Party may be contingent or unmatured or are owed to a branch, office or Affiliate of such Lender different from the branch, office or Affiliate holding such deposit or obligated on such indebtedness; provided, that in the

event that any Defaulting Lender or any of its Affiliates shall exercise any such right of setoff, (x) all amounts so set off shall be paid over immediately to the Administrative Agent for further application in accordance with the provisions of Section 2.23 and, pending such payment, shall be segregated by such Defaulting Lender or Affiliate thereof from its other funds and deemed held in trust for the benefit of the Administrative Agent and the Lenders, and (y) the Defaulting Lender shall provide promptly to the Administrative Agent a statement describing in reasonable detail the Obligations owing to such Defaulting Lender or Affiliate thereof as to which it exercised such right of setoff. Each Lender agrees to notify the Borrower and the Administrative Agent promptly after any such setoff and application made by such Lender or any of its Affiliates; provided that the failure to give such notice shall not affect the validity of such setoff and application. The rights of each Lender and its Affiliates under this Section 10.7 are in addition to other rights and remedies (including other rights of set-off) which such Lender or its Affiliates may have.

10.8 Payments Set Aside. To the extent that any payment by or on behalf of the Borrower is made to the Administrative Agent or any Lender, or the Administrative Agent or any Lender exercises its right of setoff, and such payment or the proceeds of such setoff or any part thereof is subsequently invalidated, declared to be fraudulent or preferential, set aside or required (including pursuant to any settlement entered into by the Administrative Agent or such Lender in its discretion) to be repaid to a trustee, receiver or any other party, in connection with any Insolvency Proceeding or otherwise, then (a) to the extent of such recovery, the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such setoff had not occurred, and (b) each Lender severally agrees to pay to the Administrative Agent upon demand its applicable share (without duplication) of any amount so recovered from or repaid by the Administrative Agent, plus interest thereon from the date of such demand to the date such payment is made at a rate per annum equal to the Federal Funds Effective Rate from time to time in effect. The obligations of the Lenders under clause (b) of the preceding sentence shall survive the Discharge of Obligations.

10.9 Interest Rate Limitation. Notwithstanding anything to the contrary contained in any Loan Document, the interest paid or agreed to be paid under the Loan Documents shall not exceed the maximum rate of non-usurious interest permitted by applicable law (the "**Maximum Rate**"). If the Administrative Agent or any Lender shall receive interest in an amount that exceeds the Maximum Rate, the excess interest shall be applied to the principal of the Loans or, if it exceeds such unpaid principal, refunded to the Borrower. In determining whether the interest contracted for, charged, or received by the Administrative Agent or a Lender exceeds the Maximum Rate, such Person may, to the extent permitted by applicable law, (a) characterize any payment that is not principal as an expense, fee, or premium rather than interest, (b) exclude voluntary prepayments and the effects thereof, and (c) amortize, prorate, allocate, and spread in equal or unequal parts the total amount of interest throughout the contemplated term of the Obligations hereunder.

10.10 Counterparts; Electronic Execution of Assignments.

(a) This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Agreement by facsimile or other electronic mail transmission shall be effective as delivery of an original executed

counterpart hereof. A set of the copies of this Agreement signed by all the parties shall be lodged with the Borrower and the Administrative Agent.

(b) The words “execution,” “signed,” “signature,” and words of like import in any Assignment and Assumption shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

10.11 Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. Without limiting the foregoing provisions of this Section 10.11, if and to the extent that the enforceability of any provisions in this Agreement relating to Defaulting Lenders shall be limited under or in connection with any Insolvency Proceeding, as determined in good faith by the Administrative Agent or the Issuing Lender, as applicable, then such provisions shall be deemed to be in effect only to the extent not so limited.

10.12 Integration. This Agreement and the other Loan Documents represent the entire agreement of the Borrower, the other Loan Parties, the Administrative Agent and the Lenders with respect to the subject matter hereof and thereof, and there are no promises, undertakings, representations or warranties by the Administrative Agent or any Lender relative to the subject matter hereof not expressly set forth or referred to herein or in the other Loan Documents.

10.13 GOVERNING LAW. THIS AGREEMENT, THE OTHER LOAN DOCUMENTS, AND ANY CLAIM, CONTROVERSY, DISPUTE, CAUSE OF ACTION, OR PROCEEDING (WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE) BASED UPON, ARISING OUT OF, CONNECTED WITH, OR RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT (EXCEPT, AS TO ANY OTHER LOAN DOCUMENT, AS EXPRESSLY SET FORTH THEREIN) AND THE TRANSACTIONS CONTEMPLATED HEREBY AND THEREBY, AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HERETO AND THERETO, SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK. This Section 10.13 shall survive the Discharge of Obligations.

10.14 Submission to Jurisdiction; Waivers. Each party hereto hereby irrevocably and unconditionally:

(a) agrees that all disputes, controversies, claims, actions and other proceedings involving, directly or indirectly, any matter in any way arising out of, related to, or connected with, this Agreement, any other Loan Document, any contemplated transactions related hereto or thereto, or the relationship between any Loan Party, on the one hand, and the Administrative Agent or any Lender or any other Secured Party, on the other hand, and any and all other claims of the Borrower or any other Group Member against the Administrative Agent or any Lender or any other Secured Party of any kind, shall be brought only in a state court located in the Borough of Manhattan, or, to the extent permitted by law, in a federal court sitting in the Borough of Manhattan; provided that nothing in this Agreement shall be

deemed to operate to preclude the Administrative Agent or any Lender or any other Secured Party from bringing suit or taking other legal action in any other jurisdiction to realize on the Collateral or any other security for the Obligations, or to enforce a judgment or other court order in favor of Administrative Agent or such Lender or any other Secured Party, to the extent permitted by law. The Borrower, on behalf of itself and each other Loan Party (i) expressly submits and consents in advance to such jurisdiction in any action or suit commenced in any such court and to the selection of any referee referred to below, (ii) hereby waives any objection that it may have based upon lack of personal jurisdiction, improper venue, or forum non conveniens and hereby consents to the granting of such legal or equitable relief as is deemed appropriate by such court, and (iii) agrees that it shall not file any motion or other application seeking to change the venue of any such suit or other action. The Borrower, on behalf of itself and each other Loan Party, hereby waives personal service of any summons, complaints, and other process issued in any such action or suit and agrees that service of any such summons, complaints, and other process may be made by registered or certified mail addressed to the Borrower at the address set forth in Section 10.2 of this Agreement and that service so made shall be deemed completed upon the earlier to occur of the Borrower's actual receipt thereof or 3 days after deposit in the U.S. mails, proper postage prepaid;

(b) WAIVES, TO THE EXTENT PERMITTED BY APPLICABLE LAW, ITS RIGHT TO A JURY TRIAL OF ANY CLAIM, CAUSE OF ACTION, OR PROCEEDING (WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE) BASED UPON, ARISING OUT OF, CONNECTED WITH, OR RELATING TO THIS AGREEMENT, ANY OTHER LOAN DOCUMENT, OR ANY TRANSACTION CONTEMPLATED HEREBY AND THEREBY, AMONG ANY OF THE PARTIES HERETO AND THERETO. THIS WAIVER IS A MATERIAL INDUCEMENT FOR THE PARTIES HERETO TO ENTER INTO THIS AGREEMENT AND THE OTHER LOAN DOCUMENTS. THE BORROWER HAS REVIEWED THIS WAIVER WITH ITS COUNSEL; and

(c) waives, to the maximum extent not prohibited by law, any right it may have to claim or recover in any legal action or proceeding referred to in this Section any special, exemplary, punitive or consequential damages; provided that nothing contained herein shall limit the right of any Indemnitee to be indemnified as provided in this Agreement and the other Loan Documents.

This Section 10.14 shall survive the Discharge of Obligations.

10.15 Acknowledgements. The Borrower hereby acknowledges that:

(a) it has been advised by counsel in the negotiation, execution and delivery of this Agreement and the other Loan Documents;

(b) in connection with all aspects of each transaction contemplated hereby (including in connection with any amendment, waiver or other modification hereof or of any other Loan Document), the Borrower, on behalf of each Group Member, acknowledges and agrees that: (i) (A) the arranging and other services regarding this Agreement provided by the Administrative Agent and any Affiliate thereof, and the Lenders and any Affiliate thereof are arm's-length commercial transactions between the Borrower, each other Loan Party and their respective Affiliates, on the one hand, and the Administrative Agent, the Lenders and their respective applicable Affiliates (collectively, solely for purposes of this Section 10.15, the "Lenders"), on the other hand, (B) each of the Borrower and the other Loan Parties has consulted its own legal, accounting, regulatory and tax advisors to the extent it has deemed appropriate, and (C) the Borrower and each other Loan Party is capable of evaluating, and understands and accepts, the terms, risks and conditions of the transactions contemplated hereby and by the other Loan Documents;

(ii) (A) the Administrative Agent, its Affiliates, each Lender and their Affiliates is and has been acting solely as a principal and, except as expressly agreed in writing by the relevant parties, has not been, is not, and will not be acting as an advisor, agent or fiduciary for Borrower, any other Loan Party or any of their respective Affiliates, or any other Person and (B) neither the Administrative Agent, its Affiliates, any Lender nor any of their Affiliates has any obligation to the Borrower, any other Loan Party or any of their respective Affiliates with respect to the transactions contemplated hereby except those obligations expressly set forth herein and in the other Loan Documents; and (iii) the Administrative Agent, its Affiliates, the Lenders and their Affiliates may be engaged in a broad range of transactions that involve interests that differ from those of the Borrower, the other Loan Parties and their respective Affiliates, and neither the Administrative Agent, its Affiliates, any Lender nor any of their Affiliates has any obligation to disclose any of such interests to the Borrower, any other Loan Party or any of their respective Affiliates. To the fullest extent permitted by law, each of the Borrower and each other Loan Party hereby waives and releases any claims that it may have against the Administrative Agent, its Affiliates, each Lender and any of their Affiliates with respect to any breach or alleged breach of agency or fiduciary duty in connection with any aspect of any transactions contemplated hereby; and

(c) no joint venture is created hereby or by the other Loan Documents or otherwise exists by virtue of the transactions contemplated hereby among the Lenders or among the Group Members and the Lenders.

10.16 Releases of Guarantees and Liens.

(a) Notwithstanding anything to the contrary contained herein or in any other Loan Document, the Administrative Agent is hereby irrevocably authorized by each Lender (without requirement of notice to or consent of any Lender except as expressly required by Section 10.1) to take any action requested by the Borrower having the effect of releasing any Collateral or Guarantee Obligations (1) to the extent necessary to permit consummation of any transaction not prohibited by any Loan Document or that has been consented to in accordance with Section 10.1 or (2) under the circumstances described in Section 10.16(b) below.

(b) Upon the Discharge of Obligations, the Collateral (other than any cash collateral securing any Specified Swap Agreements, any Cash Management Services or outstanding Letters of Credit) shall be released from the Liens created by the Security Documents and Cash Management Agreements (other than any Cash Management Agreements used to Cash Collateralize any Obligations arising in connection with Cash Management Agreements), and all obligations (other than those expressly stated to survive such termination) of the Administrative Agent and each Loan Party under the Security Documents and Cash Management Agreements (other than any Cash Management Agreements used to Cash Collateralize any Obligations arising in connection with Cash Management Agreements) shall terminate, all without delivery of any instrument or performance of any act by any Person.

10.17 Treatment of Certain Information; Confidentiality. Each of the Administrative Agent and each Lender agrees to maintain the confidentiality of the Information (as defined below), except that Information may be disclosed (a) to its Affiliates and to its Related Parties (it being understood that the Persons to whom such disclosure is made will be informed of the confidential nature of such Information and instructed to keep such Information confidential); (b) to the extent required or requested by any regulatory authority purporting to have jurisdiction over such Person or its Related Parties (including any self-regulatory authority, such as the National Association of Insurance Commissioners); (c) to the extent required by applicable laws or regulations or by any subpoena or similar legal process; (d) to any other party hereto; (e) in connection with the exercise of any remedies hereunder or under any other Loan

Document or any action or proceeding relating to this Agreement or any other Loan Document or the enforcement of rights hereunder or thereunder; (f) subject to an agreement containing provisions substantially the same as those of this Section, to (i) any assignee of or Participant in, or any prospective assignee of or Participant in, any of its rights and obligations under this Agreement (other than to a Disqualified Lender so long as no Specified Event of Default has occurred and is continuing), or (ii) any actual or prospective party (or its Related Parties) to any swap, derivative or other transaction under which payments are to be made by reference to the Borrower and its obligations, this Agreement or payments hereunder; (g) on a confidential basis to (i) any rating agency in connection with rating the Group Members or the Facilities or (ii) the CUSIP Service Bureau or any similar agency in connection with the issuance and monitoring of CUSIP numbers with respect to the Facilities; (h) with the consent of the Borrower; or (i) to the extent such Information (x) becomes publicly available other than as a result of a breach of this Section, or (y) becomes available to the Administrative Agent, any Lender or any of their respective Affiliates on a non-confidential basis from a source other than the Borrower. In addition, the Administrative Agent, the Lenders, and any of their respective Related Parties, may (A) disclose the existence of this Agreement and information about this Agreement to market data collectors, similar service providers to the lending industry and service providers to the Administrative Agent or the Lenders in connection with the administration of this Agreement, the other Loan Documents, and the Commitments; and (B) use any information (not constituting Information subject to the foregoing confidentiality restrictions) related to the syndication and arrangement of the credit facilities contemplated by this Agreement in connection with marketing, league tables, press releases, or other transactional announcements or updates provided to investor or trade publications, including the placement of “tombstone” advertisements in publications of its choice at its own expense.

Notwithstanding anything herein to the contrary, any party to this Agreement (and any employee, representative, or other agent of any party to this Agreement) may disclose to any and all persons, without limitation of any kind, the tax treatment and tax structure of the transactions contemplated by this Agreement and all materials of any kind (including opinions or other tax analyses) that are provided to it relating to such tax treatment and tax structure. However, any such information relating to the tax treatment or tax structure is required to be kept confidential to the extent necessary to comply with any applicable federal or state securities laws, rules, and regulations.

For purposes of this Section, “*Information*” means all information received from the Group Members relating to the Group Members or any of their respective businesses, other than any such information that is available to the Administrative Agent or any Lender on a non-confidential basis prior to disclosure by the Group Members; provided that, in the case of information received from the Group Members after the date hereof, such information is clearly identified at the time of delivery as confidential. Any Person required to maintain the confidentiality of Information as provided in this Section shall be considered to have complied with its obligation to do so if such Person has exercised the same degree of care to maintain the confidentiality of such Information as such Person would accord to its own confidential information.

10.18 Automatic Debits. With respect to any principal, interest, fee, or any other cost or expense (including attorney costs of the Administrative Agent or any Lender payable by the Borrower hereunder) due and payable to the Administrative Agent or any Lender under the Loan Documents, the Borrower hereby irrevocably authorizes the Administrative Agent to debit any deposit account of the Borrower maintained with the Administrative Agent in an amount such that the aggregate amount debited from all such deposit accounts does not exceed such principal, interest, fee or other cost or expense. If there are insufficient funds in such deposit accounts to cover the amount then due, such debits will be

reversed (in whole or in part, in the Administrative Agent's sole discretion) and such amount not debited shall be deemed to be unpaid. No such debit under this Section 10.18 shall be deemed a set-off.

10.19 Judgment Currency. If, for the purposes of obtaining judgment in any court, it is necessary to convert a sum due hereunder or any other Loan Document in one currency into another currency, the rate of exchange used shall be that at which in accordance with normal banking procedures the Administrative Agent could purchase the first currency with such other currency on the Business Day preceding that on which final judgment is given. The obligation of the Borrower and each other Loan Party in respect of any such sum due from it to the Administrative Agent or any Lender hereunder or under any other Loan Document shall, notwithstanding any judgment in a currency (the "**Judgment Currency**") other than that in which such sum is denominated in accordance with the applicable provisions of this Agreement (the "**Agreement Currency**"), be discharged only to the extent that on the Business Day following receipt by the Administrative Agent or such Lender, as the case may be, of any sum adjudged to be so due in the Judgment Currency, the Administrative Agent or such Lender, as the case may be, may in accordance with normal banking procedures purchase the Agreement Currency with the Judgment Currency. If the amount of the Agreement Currency so purchased is less than the sum originally due to the Administrative Agent or any Lender from the Borrower or any other Loan Party in the Agreement Currency, the Borrower and each other Loan Party agrees, as a separate obligation and notwithstanding any such judgment, to indemnify the Administrative Agent or such Lender, as the case may be, against such loss. If the amount of the Agreement Currency so purchased is greater than the sum originally due to the Administrative Agent or any Lender in such currency, the Administrative Agent or such Lender, as the case may be, agrees to return the amount of any excess to the Borrower or other Loan Party, as applicable (or to any other Person who may be entitled thereto under applicable law).

10.20 Patriot Act; Other Regulations. Each Lender and the Administrative Agent (for itself and not on behalf of any other party) hereby notifies the Borrower and each other Loan Party that, pursuant to the requirements of "know your customer" and anti-money laundering rules and regulations, including the Patriot Act and 31 C.F.R. § 1010.230, it is required to obtain, verify and record information that identifies each Loan Party and certain related parties thereto, which information includes the names and addresses and other information that will allow such Lender or the Administrative Agent, as applicable, to identify each Loan Party and certain of their beneficial owners and other officers in accordance with the Patriot Act and 31 C.F.R. § 1010.230. The Borrower and each other Loan Party will, and will cause each of their respective Subsidiaries to, provide, to the extent commercially reasonable or required by any Requirement of Law, such information and documents and take such actions as are reasonably requested by the Administrative Agent or any Lender to assist the Administrative Agent and the Lenders in maintaining compliance with "know your customer" requirements under the PATRIOT Act, 31 C.F.R. § 1010.230 or other applicable anti-money laundering laws.

10.21 Acknowledgement and Consent to Bail-In of Affected Financial Institutions.

Notwithstanding anything to the contrary in this Agreement or in any other Loan Document or in any other agreement, arrangement or understanding among any such parties, each party hereto acknowledges that any liability of any Affected Financial Institution arising under any Loan Document, to the extent such liability is unsecured, may be subject to the Write-Down and Conversion Powers of the applicable Resolution Authority and agrees and consents to, and acknowledges and agrees to be bound by:

(a) the application of any Write-Down and Conversion Powers by the applicable Resolution Authority to any such liabilities arising hereunder which may be payable to it by any party hereto that is an Affected Financial Institution; and

- (b) the effects of any Bail-In Action on any liability, including, if applicable:
 - (i) a reduction in full or in part or cancellation of any such liability;
 - (ii) a conversion of all, or a portion of, such liability into shares or other instruments of ownership in such Affected Financial Institution, its parent undertaking, or a bridge institution that may be issued to it or otherwise conferred on it, and that such shares or other instruments of ownership will be accepted by it in lieu of any rights with respect to any such liability under this Agreement or any other Loan Document; or
 - (iii) the variation of the terms of such liability in connection with the exercise of the Write-Down and Conversion Powers of the applicable Resolution Authority.

10.22 Acknowledgement Regarding Any Supported QFCs. To the extent that the Loan Documents provide support, through a guarantee or otherwise, for any Swap Agreements or any other agreement or instrument that is a QFC (such support, “**QFC Credit Support**” and each such QFC a “**Supported QFC**”), the parties hereto hereby acknowledge and agree as follows with respect to the resolution power of the Federal Deposit Insurance Corporation under the Federal Deposit Insurance Act and Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act (together with the regulations promulgated thereunder, the “**U.S. Special Resolution Regimes**”) in respect of such Supported QFC and QFC Credit Support (with the provisions below applicable notwithstanding that the Loan Documents and any Supported QFC may in fact be stated to be governed by the laws of the State of New York and/or of the United States or any other state of the United States):

(a) In the event a Covered Entity that is party to a Supported QFC (each, a “**Covered Party**”) becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer of such Supported QFC and the benefit of such QFC Credit Support (and any interest and obligation in or under such Supported QFC and such QFC Credit Support, and any rights in property securing such Supported QFC) from such Covered Party will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if the Supported QFC and such QFC Credit Support (and any such interest, obligation and rights in property) were governed by the laws of the United States or a state of the United States. In the event a Covered Party or a BHC Act Affiliate of a Covered Party becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights under the Loan Documents that might otherwise apply to such Supported QFC or any QFC Credit Support that may be exercised against such Covered Party are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if the Supported QFC and the Loan Documents were governed by the laws of the United States or a state of the United States. Without limitation of the foregoing, it is understood and agreed that rights and remedies of the parties with respect to a Defaulting Lender shall in no event affect the rights of any Covered Party with respect to a Supported QFC or any QFC Credit Support.

(b) As used in this Section 10.22, the following terms have the following meanings:

“**BHC Act Affiliate**” of a party means an “affiliate” (as such term is defined under, and interpreted in accordance with, 12 U.S.C. 1841(k)) of such party.

“**Covered Entity**” means any of the following:

- (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b)
- (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or
- (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b).

“**Default Right**” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable.

“**QFC**” has the meaning assigned to the term “qualified financial contract” in, and shall be interpreted in accordance with, 12 U.S.C. 5390(c)(8)(D).

[Remainder of page left blank intentionally]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their proper and duly authorized officers as of the day and year first above written.

BORROWER:

BANDWIDTH INC.

By: /s/ E. S. Taylor

Name: Scott Taylor

Title: Treasurer

ADMINISTRATIVE AGENT:

SILICON VALLEY BANK

By: /s/ Oliver Wynn

Name: Oliver Wynn

Title: Vice President

LENDERS:

SILICON VALLEY BANK,
as Issuing Lender, Swingline Lender and as a Lender

By: /s/ Oliver Wynn

Name: Oliver Wynn

Title: Vice President

SCHEDULE 1.1A
COMMITMENTS
AND AGGREGATE EXPOSURE PERCENTAGES

REVOLVING COMMITMENTS

Lender	Revolving Commitment	Revolving Percentage
Silicon Valley Bank	\$50,000,000	100.000000000%
Total	\$50,000,000	100.000000000%

L/C COMMITMENT

Lender	L/C Commitment	L/C Percentage
Silicon Valley Bank	\$20,000,000	100.000000000%
Total	\$20,000,000	100.000000000%

SWINGLINE COMMITMENT

Lender	Swingline Commitment	Exposure Percentage
Silicon Valley Bank	\$5,000,000	100.000000000%
Total	\$5,000,000	100.000000000%

**CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) OF
THE SECURITIES EXCHANGE ACT OF 1934,
AS ADOPTED PURSUANT TO SECTION 302 OF
THE SARBANES-OXLEY ACT OF 2002**

I, David A. Morken, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bandwidth Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a—15(e) and 15d—15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 4, 2022

/s/ David A. Morken

David A. Morken

Chief Executive Officer

(Principal Executive Officer)

**CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) OF
THE SECURITIES EXCHANGE ACT OF 1934,
AS ADOPTED PURSUANT TO SECTION 302 OF
THE SARBANES-OXLEY ACT OF 2002**

I, Daryl E. Raiford certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bandwidth Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a—15(e) and 15d—15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 4, 2022

/s/ Daryl E. Raiford

Daryl E. Raiford

Chief Financial Officer

(Principal Accounting and Financial Officer)

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER AND CHIEF FINANCIAL OFFICER
PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

Pursuant to the requirement set forth in Rule 13a-14(b) of the Securities Exchange Act of 1934, as amended, (the “Exchange Act”) and Section 1350 of Chapter 63 of Title 18 of the United States Code (18 U.S.C. §1350), David A. Morken, Chief Executive Officer of Bandwidth Inc. (the “Company”), and Daryl E. Raiford, Chief Financial Officer of the Company, each hereby certifies that, to the best of his knowledge:

1. The Company’s Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2022, to which this Certification is attached as Exhibit 32.1 (the “Periodic Report”), fully complies with the requirements of Section 13(a) or Section 15(d) of the Exchange Act; and
2. The information contained in the Periodic Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 4, 2022

/s/ David A. Morken

David A. Morken

Chief Executive Officer

(Principal Executive Officer)

/s/ Daryl E. Raiford

Daryl E. Raiford

Chief Financial Officer

(Principal Accounting and Financial Officer)