EXTREME NETWORKS INC

Form 10-Q

November 02, 2018
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D. C. 20549
Form 10-Q
(Mark One)
QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the quarterly period ended September 30, 2018
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 000-25711
EXTREME NETWORKS, INC.
(Exact name of registrant as specified in its charter)

77-0430270

[I.R.S Employer

Identification No.]

DELAWARE

[State or other jurisdiction

of incorporation or organization]

6480 Via Del Oro,

San Jose, California 95119 [Address of principal executive office] [Zip Code]

Registrant's telephone number, including area code: (408) 579-2800

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 (§ 229.405 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, or a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" and "an emerging growth company" in Rule 12b-2 of the Exchange Act.

Non-accelerated filer Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by checkmark 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

The number of shares of the Registrant's Common Stock, \$.001 par value, outstanding at October 30, 2018, was 118,337,479

EXTREME NETWORKS, INC.

FORM 10-Q

QUARTERLY PERIOD ENDED

September 30, 2018

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EXTREME NETWORKS, INC.

CONDENSED CONSOLIDATED BALANCE SHEETS

(In thousands, except per share amounts)

(Unaudited)

	September 30,	June 30,
	2018	2018
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 140,167	\$121,139
Accounts receivable, net of allowance for doubtful accounts of \$1,661 at September 30,		
2018 and \$1,478 at June 30, 2018	164,683	212,423
Inventories	55,580	63,867
Prepaid expenses and other current assets	35,371	30,484
Total current assets	395,801	427,913
Property and equipment, net	76,224	78,519
Intangible assets, net	70,023	77,092
Goodwill	139,082	139,082
Other assets	50,754	47,642
Total assets	\$ 731,884	\$770,248
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Current portion of long-term debt	\$ 9,008	\$9,007
Accounts payable	43,873	75,689
Accrued compensation and benefits	36,387	50,351
Accrued warranty	12,601	12,807
Deferred revenue	137,991	130,865
Other accrued liabilities	82,180	81,153
Total current liabilities	322,040	359,872
Deferred revenue, less current portion	45,874	43,660
Long-term debt, less current portion	176,498	188,749
Deferred income taxes	6,234	6,135
Other long-term liabilities	64,107	59,100
Commitments and contingencies (Note 9)		
Stockholders' equity:		
Convertible preferred stock, \$.001 par value, issuable in series, 2,000 shares		
authorized; none issued		
Common stock, \$.001 par value, 750,000 shares authorized; 118,270 shares	118	116

issued and outstanding at September 30, 2018 and 116,124 shares issued and		
outstanding at June 30, 2018		
Additional paid-in-capital	956,356	942,397
Accumulated other comprehensive loss	(2,697) (1,703)
Accumulated deficit	(836,646) (828,078)
Total stockholders' equity	117,131	112,732
Total liabilities and stockholders' equity	\$ 731,884	\$770,248

See accompanying notes to condensed consolidated financial statements.

Three Months Ended September 30,

(7,663)

\$(9,065) \$4,376

1,402

\$(0.08

\$(0.08

117,368

117,368

6,051

1,675

112,241

118,431

) \$ 0.04

) \$ 0.04

EXTREME NETWORKS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(In thousands, except per share amounts)

(Unaudited)

	2018	2017	
Net revenues:			
Product	\$177,720	\$ 164,774	
Service	62,166	46,941	
Total net revenues	239,886	211,715	
Cost of revenues:			
Product	83,543	80,045	
Service	24,272	19,289	
Total cost of revenues	107,815	99,334	
Gross profit:			
Product	94,177	84,729	
Service	37,894	27,652	
Total gross profit	132,071	112,381	
Operating expenses:			
Research and development	51,241	34,285	
Sales and marketing	67,582	55,561	
General and administrative	12,771	12,185	
Acquisition and integration costs	2,546	4,244	
Restructuring charges, net of reversals	808		
Amortization of intangibles	2,141	1,614	
Total operating expenses	137,089	107,889	
Operating (loss) income	(5,018)	4,492	
Interest income	394	647	
Interest expense	(3,526)	(2,215)
Other (expense) income, net	487	3,127	

See accompanying notes to condensed consolidated financial statements.

(Loss) income before income taxes

Net (loss) income per share - basic

Net (loss) income per share - diluted

Basic and diluted net (loss) income per share:

Shares used in per share calculation - basic

Shares used in per share calculation - diluted

Provision for income taxes

Net (loss) income

EXTREME NETWORKS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE (LOSS) INCOME

(In thousands)

(Unaudited)

Three Months Ended September 30,

	2018	2017
Net (loss) income:	\$(9,065)	\$ 4,376
Other comprehensive (loss) income, net of tax:		
Available for sale securities:		
Change in unrealized gains on available for sale securities		183
Net change in foreign currency translation adjustments	(497)	355
Other comprehensive (loss) income, net of tax:	(497)	538
Total comprehensive (loss) income	\$(9,562)	\$ 4,914

See accompanying notes to condensed consolidated financial statements.

EXTREME NETWORKS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(In thousands)

(Unaudited)

	Three Mont September 3		30,
	2018	2017	
Cash flows from operating activities:			
Net (loss) income	\$(9,065)	\$ 4,376	
Adjustments to reconcile net loss to net cash (used in) provided by operating activities:			
Depreciation	6,783	3,125	
Amortization of intangible assets	7,073	4,309	
Provision for doubtful accounts	515	489	
Stock-based compensation	6,825	4,803	
Deferred income taxes	(25)	488	
Unrealized/realized (gain) loss on equity investment	(154)	(3,757)
Non-cash interest	995	227	
Other non-cash items	(172)	701	
Changes in operating assets and liabilities, net of acquisitions			
Accounts receivable	46,661	(5,762)
Inventories	8,287	5,915	
Prepaid expenses and other assets	(7,814)	(1,856)
Accounts payable	(31,251)	9,042	
Accrued compensation and benefits	(13,964)	(5,360)
Deferred revenue	9,374	4,650	
Other current and long-term liabilities	10,262	(2,792)
Net cash provided by operating activities	34,330	18,598	
Cash flows from investing activities:			
Capital expenditures	(7,417)	(7,421)
Business acquisitions	_	(68,047)
Proceeds from sale of investment	727	4,922	
Net cash used in investing activities	(6,690)	(70,546)
Cash flows from financing activities:			
Borrowings under Term Loan	_	80,000	
Repayments of debt	(12,375)	(4,093)
Loan fees on borrowings	(273)	(1,494)
Proceeds from issuance of common stock, net of tax withholding	7,137	42	
Capital lease financing	(91)	_	
Contingent consideration obligations	(1,577)		
Deferred payments on an acquisition	(1,000)	_	
Net cash (used in) provided by financing activities	(8,179)	74,455	
Foreign currency effect on cash	(433)	57	

Net increase in cash and cash equivalents	19,028	22,564
Cash and cash equivalents at beginning of period	121,139	130,450
Cash and cash equivalents at end of period	\$140,167	\$ 153,014

See accompanying notes to the condensed consolidated financial statements.

EXTREME NETWORKS, INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

1. Description of Business and Basis of Presentation

Extreme Networks, Inc., together with its subsidiaries (collectively referred to as "Extreme" or the "Company"), is a leader in providing software-driven networking solutions for enterprise customers. The Company conducts its sales and marketing activities on a worldwide basis through distributors, resellers and the Company's field sales organization. Extreme was incorporated in California in 1996 and reincorporated in Delaware in 1999.

The unaudited condensed consolidated financial statements of Extreme included herein have been prepared under the rules and regulations of the Securities and Exchange Commission ("SEC"). Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles have been condensed or omitted under such rules and regulations. The condensed consolidated balance sheet at June 30, 2018 was derived from audited financial statements as of that date but does not include all disclosures required by generally accepted accounting principles for complete financial statements. These interim financial statements and notes should be read in conjunction with the Company's audited consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2018.

The unaudited condensed consolidated financial statements reflect all adjustments, consisting only of normal recurring adjustments that, in the opinion of management, are necessary for a fair presentation of the results of operations and cash flows for the interim periods presented and the financial condition of Extreme at September 30, 2018. The results of operations for the three months ended September 30, 2018 are not necessarily indicative of the results that may be expected for fiscal 2019 or any future periods.

Fiscal Year

The Company uses a fiscal calendar year ending on June 30. All references herein to "fiscal 2019" or "2019" represent the fiscal year ending June 30, 2019. All references herein to "fiscal 2018" or "2018" represent the fiscal year ended June 30, 2018.

Principles of Consolidation

The consolidated financial statements include the accounts of Extreme and its wholly-owned subsidiaries. All inter-company accounts and transactions have been eliminated.

The Company predominantly uses the United States Dollar as its functional currency. The functional currency for certain of its foreign subsidiaries is the local currency. For those subsidiaries that operate in a local currency functional environment, all assets and liabilities are translated to United States Dollars at current month end rates of exchange; and revenue and expenses are translated using the monthly average rate.

Accounting Estimates

The preparation of financial statements and related disclosures in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from these estimates.

2. Business Combinations

Fiscal 2018 Acquisitions

Data Center Business

The Company completed its acquisition of the data center business (the "Data Center Business") of Brocade Communication Systems, Inc.'s ("Brocade") on October 27, 2017 (the "Data Center Closing Date"), pursuant to an Asset Purchase Agreement (the "Data Center Business APA") dated as of October 3, 2017, by and between the Company and Brocade for an aggregate purchase consideration of \$84.3 million. Under the terms and conditions of the Data Center Business APA, the Company acquired customers, employees, technology and other assets of the Data Center Business as well as assumed certain contracts and other liabilities of the Data Center Business.

The following table below summarizes the final allocation of the tangible and identifiable intangible assets acquired and liabilities assumed (in thousands):

	Final Allocation
Accounts receivables	\$ 33,488
Inventories	19,934
Prepaid expenses and other current assets	988
Property and equipment	18,938
Other assets	4,734
Accounts payable and accrued expenses	(16,494)
Deferred revenue	(33,025)
Net tangible assets acquired	28,563
Identifiable intangible assets	32,800
Goodwill	22,974
Total intangible assets acquired	55,774
Total net assets acquired	\$ 84,337

Campus Fabric Business

The Company completed its acquisition of Avaya Inc.'s ("Avaya") fabric-based secure networking solutions and network security solutions business (the "Campus Fabric Business") on July 14, 2017, (the "Campus Fabric Business Closing Date") pursuant to an Asset Purchase Agreement (the "Campus Fabric Business APA") dated March 7, 2017. Under the terms and conditions of the Campus Fabric Business APA, the Company acquired the customers, employees, technology and other assets of the Campus Fabric Business, as well as assumed certain contracts and other liabilities of the Campus Fabric Business, for total consideration of \$79.4 million.

The following table below summarizes the final allocation of the tangible and identifiable intangible assets acquired and liabilities assumed (in thousands):

	Final Allocation
Accounts receivables	\$ 19,527
Inventories	14,165
Prepaid expenses and other current assets	240
Property and equipment	5,406
Other assets	7,009
Accounts payable and accrued expenses	(31,670)
Deferred revenue	(8,994)
Other long-term liabilities	(5,849)
Net tangible assets acquired	(166)
Identifiable intangible assets	41,300
In-process research and development	2,400
Goodwill	35,892
Total intangible assets acquired	79,592
Total net assets acquired	\$ 79,426

Capital Financing Business

On December 1, 2017, Company completed its acquisition of a capital financing business (the "CF Business"), pursuant to a Bill of Sale and Assignment and Assumption Agreement (the "Assumption Agreement") between the Company and Broadcom. Under the terms and conditions of the Assumption Agreement, the Company acquired customers, employees, contracts and lease equipment of the CF Business equal to the earn out payments to Broadcom of 90% of acquired financing receivables to be collected commencing at the closing date.

Net assets acquired included financing receivables of \$13.7 million, lease equipment of \$3.5 million and identifiable intangible assets of \$0.8 million, and the fair value of the contingent consideration was \$13.0 million. As the preliminary fair value of the net assets acquired exceeded the fair value of the purchase consideration, the Company recorded a bargain purchase gain of \$5.0 million.

Pro forma financial information

The following unaudited pro forma results of operations are presented as though the acquisitions of the Data Center Business, CF Business and Campus Fabric Business had occurred as of the beginning of fiscal 2017 presented after giving effect to purchase accounting adjustments relating to inventories, deferred revenue, depreciation and amortization on acquired property and equipment and intangibles, acquisition costs, interest income and expense and related tax effects.

The pro forma results of operations are not necessarily indicative of the combined results that would have occurred had the acquisition been consummated as of the beginning of fiscal 2017, nor are they necessarily indicative of future operating results. The unaudited pro forma results do not include the impact of synergies, nor any potential impacts on current or future market conditions which could alter the unaudited pro forma results.

The unaudited pro forma financial information for the three months ended September 30, 2017, combines the historical results for Extreme for that period, which includes the results of the Campus Fabric Business subsequent to the acquisition date, with the historical results of the Data Center Business, CF Business and Campus Fabric Business, prior to the acquisition date, for the three months ended September 30, 2017.

Pro forma results of operations from the Data Center Business, CF Business and Campus Fabric Business acquisitions included in the pro forma results of operations for the three months ended September 30, 2017, have not been adjusted for the adoption of Topic 606 because the Company determined that it is impractical to estimate the impact of the adoption.

The following table summarizes the unaudited pro forma financial information (in thousands, except per share amounts):

	Three Months Ended September 30,
	2017
Net revenues	\$ 284,508
Net loss	\$ (8,774)
Net loss per share - basic	\$ (0.08)
Net loss per share - diluted	\$ (0.08)
Shares used in per share calculation - basic	112,241
Shares used in per share calculation - diluted	112,241

3. Summary of Significant Accounting Policies

For a description of significant accounting policies, see Note 3, Summary of Significant Accounting Policies, to the consolidated financial statements included in the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2018. There have been no material changes to the Company's significant accounting policies since the filing of the Annual Report on Form 10-K.

Recently Adopted Accounting Pronouncements

In January 2016, the Financial Accounting Standards Board ("FASB") issued ASU No. 2016-01, Recognition and Measurement of Financial Assets and Financial Liabilities, which provides guidance for the recognition, measurement, presentation, and disclosure of financial assets and liabilities. The guidance was adopted effective July 1, 2018 and the Company reclassified a \$0.5 million unrealized gain, net of tax, related to its available-for-sale investments from accumulated other comprehensive loss to accumulated deficit as a cumulative-effect adjustment in the accompanying condensed consolidated balance sheets. Future changes in fair value will be included in earnings in each period.

In August 2016, the FASB issued ASU 2016-15, Classification of Certain Cash Receipts and Cash Payments to provide guidance on the classification of eight cash flow issues in order to reduce diversity in practice. The Company

adopted the new guidance effective July 1, 2018. The amendments in this update have been applied on a retrospective transition method to each period presented. The adoption of this guidance did not have a material effect on the Company's presentation of cash flows.

In October 2016, the FASB issued ASU 2016-16, Income Taxes (Topic 740) - Intra-Entity Transfers of Assets Other Than Inventory, which requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset other than inventory when the transfer occurs. Historical GAAP prohibits the recognition of current and deferred income taxes for an intra-entity asset transfer until the asset has been sold outside the consolidated group. The new guidance is effective for interim and annual reporting periods beginning after December 15, 2017. The Company adopted ASU 2016-16 effective July 1, 2018 on a modified retrospective basis. The adoption of this guidance did not have a material effect on the Company's financial statements.

In May 2017, the FASB issued ASU 2017-09, Compensation—Stock Compensation (Topic 718): Scope of Modification Accounting, which amends the scope of modification accounting for share-based payment arrangements and provides guidance on the types of changes to the terms or conditions of share-based payment awards to which an entity would be required to apply modification accounting under Topic 718. Specifically, an entity would not apply modification accounting if the fair value, vesting conditions, and classification of the awards are the same immediately before and after the modification. The Company adopted this guidance effective July 1, 2018, on a prospective basis. The adoption of this guidance did not have a material effect on the Company's financial statements.

Recently Issued Accounting Pronouncements

In August 2018, the FASB issued ASU 2018-15, Intangibles - Goodwill and Other - Internal-Use Software (Subtopic 350-40), which aligns the requirements for capitalizing implementation costs incurred in a service contract hosting arrangement with those of developing or obtaining internal-use software. This standard is effective for interim and annual reporting periods beginning after December 15, 2019, and early adoption is permitted. The Company is currently evaluating the impact the new standard will have on its condensed consolidated financial statements.

In August 2018, the FASB issued ASU 2018-13, Fair Value Measurement (Topic 820), which removes, modifies and adds various disclosure requirements around the topic in order to clarify and improve the cost-benefit nature of disclosures. For example, disclosures around transfers between fair value hierarchy Levels will be removed and further detail around changes in unrealized gains and losses for the period and unobservable inputs determining Level 3 fair value measurements will be added. This standard is effective for interim and annual reporting periods beginning after December 15, 2019, and early adoption is permitted. The Company is currently evaluating the impact the new standard will have on its condensed consolidated financial statements.

In February 2018, the FASB issued ASU 2018-02, Income Statement - Reporting Comprehensive Income (Topic 220), this standard that allows the reclassification from AOCI to retained earnings for stranded tax effects resulting from the 2017 Tax Cuts and Jobs Act ("Tax Reform Act"). The amount of the reclassification is the effect of the change in the U.S. federal corporate income tax rate on the gross deferred tax amounts and related valuation allowances related to items remaining in AOCI. This standard is effective for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. Early adoption is permitted, including adoption in any interim period, for reporting periods for which financial statements have not yet been issued. The new standard is to be applied either in the period of adoption or retrospectively to each period (or periods) in which the effects of the change in the income tax rate in the Tax Reform Act are recognized. Management is currently evaluating implementation options and impact on the Company's financial statements and related disclosures.

In August 2017, the FASB issued ASU 2017-12, Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities, which is intended to allow companies to better align risk management activities and financial reporting for hedging relationships through changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results by expanding and refining hedge accounting for both nonfinancial and financial risk components and aligning the recognition and presentation of the effects of the hedging instrument and the hedged item in the financial statements. The guidance is effective for fiscal years beginning after December 15, 2018. The Company is evaluating the accounting, transition and disclosure requirements of the standard and cannot currently estimate the financial statement impact of adoption. This guidance is effective for the Company beginning with its fiscal year 2020, beginning on July 1, 2019.

In February 2016, the FASB issued ASU No. 2016-02, Leases (Topic 842), which requires the identification of arrangements that should be accounted for as leases by lessees. In general, for lease arrangements exceeding a twelve-month term, these arrangements must now be recognized as assets and liabilities on the balance sheet of the lessee. Under Topic 842, a right-of-use asset and lease obligation will be recorded for all leases, whether operating or financing, while the statement of operations will reflect lease expense for operating leases and amortization/interest expense for financing leases. The balance sheet amount recorded for existing leases at the date of adoption of Topic 842 must be calculated using the applicable incremental borrowing rate at the date of adoption. In addition, Topic 842 requires the use of the modified retrospective method, which will require adjustment to all comparative periods presented in the consolidated financial statements. The Company is currently assessing the impact that adopting this new accounting standard will have on its consolidated financial statements and footnote disclosures. The Company believes that Topic 842 will have a material impact on its financial position, as a result of recognizing right-of-use assets and lease liabilities on its consolidated balance sheets. The Company continues to evaluate the impact the new

standard will have on its condensed consolidated statement of operations and statement of cash flows. This guidance will become effective for the Company beginning with its fiscal year 2020, beginning on July 1, 2019.

4. Revenues

The Company accounts for revenue in accordance with ASC Topic 606, Revenue from Contracts with Customers, which the Company adopted on July 1, 2017, using the retrospective method. The Company derives the majority of its revenue from sales of its networking equipment, with the remaining revenue generated from service fees relating to maintenance contracts, professional services, and training for its products. The Company sells its products and maintenance contracts direct to customers and to partners in two distribution channels, or tiers. The first tier consists of a limited number of independent distributors that stock its products and sell primarily to resellers. The second tier of the distribution channel consists of a non-stocking distributors and value-added resellers that sell directly to end-users. Products and services may be sold separately or in bundled packages.

Revenue Recognition

Performance Obligations. A performance obligation is a promise in a contract to transfer a distinct good or service to the customer and is the unit of account in Topic 606. A contract's transaction price is allocated to each distinct performance obligation and recognized as revenue when, or as, the performance obligation is satisfied. Certain of the Company's contracts have multiple performance obligations, as the promise to transfer individual goods or services is separately identifiable from other promises in the contracts and, therefore, is distinct. For contracts with multiple performance obligations, the Company allocates the contract's transaction price to each performance obligation based on its relative standalone selling price. The stand-alone selling prices are determined based on the prices at which the Company separately sells these products. For items that are not sold separately, the Company estimates the stand-alone selling prices using the best estimated selling price approach.

The Company's performance obligations are satisfied at a point in time or over time as work progresses. Substantially all of the Company's product sales revenues as reflected on the condensed consolidated statements of operations for the three months ended September 30, 2018 and 2017 are recognized at a point in time. Substantially all of the Company's service revenue is recognized over time. For revenue recognized over time, the Company uses an input measure, days elapsed, to measure progress.

On September 30, 2018, the Company had \$183.9 million of remaining performance obligations, which is comprised of deferred maintenance revenue and services not yet delivered. The Company expects to recognize approximately 65 percent of its remaining performance obligations as revenue in fiscal 2019, an additional 22 percent in fiscal 2020 and 13 percent of the balance thereafter.

Contract Balances. The timing of revenue recognition, billings and cash collections results in billed accounts receivable and deferred revenue in the consolidated balance sheet. Services provided under renewable support arrangements of the Company are billed in accordance with agreed-upon contractual terms, which are typically at periodic intervals (e.g., quarterly or annually). The Company sometimes receives payments from its customers in advance of services being provided, resulting in deferred revenues. These liabilities are reported on the consolidated balance sheet on a contract-by-contract basis at the end of each reporting period.

Revenue recognized for the three months ended September 30, 2018 and 2017, that was included in the deferred revenue balance at the beginning of each period was \$50.6 million and \$42.0 million, respectively.

Contract Costs. The Company recognizes the incremental costs of obtaining contracts as an expense when incurred if the amortization period of the assets that the Company otherwise would have recognized is one year or less. Management expects that commission fees paid to sales representative as a result of obtaining service contracts and contract renewals are recoverable and therefore the Company capitalized them as contract costs in the amount of \$4.9 million and \$2.5 million at September 30, 2018 and 2017, respectively. Capitalized commission fees are amortized on a straight-line basis over the average period of service contracts of approximately three years, and are

included in "Sales and marketing" in the accompanying condensed consolidated statements of operations. Amortization recognized during the three months ended September 30, 2018 and 2017, was \$0.7 million and \$0.4 million, respectively. There was no impairment loss in relation to the costs capitalized.

Estimated Variable Consideration. There were no material changes in the current period to the estimated variable consideration for performance obligations which were satisfied or partially satisfied during previous periods.

Revenue by Category

The following table sets forth the Company's revenue disaggregated by sales channel and geographic region based on the customer's ship-to locations (in thousands):

	Three Mo	nths Endec	l			
	September 30,			September 30,		
	2018			2017		
	Distributo	nDirect	Total	Distributo	nDirect	Total
Americas:						
United States	\$56,742	\$59,936	\$116,678	\$42,392	\$50,990	\$93,382
Other	4,493	5,524	10,017	14,336	6,395	20,731
Total Americas	61,235	65,460	126,695	56,728	57,385	114,113
EMEA	61,331	30,838	92,169	51,232	27,903	79,135
APAC	2,349	18,673	21,022	3,264	15,203	18,467
Total net revenues	\$124,915	\$114,971	\$239,886	\$111,224	\$100,491	\$211,715

Customer Concentrations

The Company performs ongoing credit evaluations of its customers and generally does not require collateral in exchange for credit.

The following table sets forth major customers accounting for 10% or more of the Company's net revenues:

	Three Months Ended		
	September 30, September 30		
	2018	2017	
Tech Data Corporation	17%	11%	
Westcon Group Inc.	13%	15%	
Jenne Corporation	12%	14%	

The following table sets forth major customers accounting for 10% or more of the Company's accounts receivable balance:

	September 30,	June 30,
	2018	2018
Tech Data Corporation	21%	17%
Westcon Group Inc.	12%	*
Jenne Corporation	*	13%

^{*} Less than 10% of accounts receivable

5. Balance Sheet Accounts

Cash, Cash Equivalents and Marketable Securities

The following is a summary of cash, cash equivalents and marketable securities (in thousands):

September 30, June 30,

	2018	2018
Cash	\$ 140,167	\$121,139
Cash equivalents		
Total cash and cash equivalents	140,167	121,139
Marketable securities (consisting of available-for-sale securities)	887	1,459
Total cash, cash equivalents and marketable securities	\$ 141,054	\$122,598

The Company considers highly liquid investments with maturities of three months or less at the date of purchase to be cash equivalents. Marketable equity securities are recorded in "Prepaid expense and other current assets" in the accompanying condensed consolidated balance sheets as these securities are publicly-traded with readily determinable values. Marketable equity securities are classified as available-for-sale and reported at fair value with unrealized gains and losses included in "Other (expense) income, net" in the accompanying condensed consolidated statements of operations.

Inventories

The Company values its inventory at lower of cost or net realizable value. Cost is computed using standard cost, which approximates actual cost, on a first-in, first-out basis. The Company has established inventory allowances when conditions exist that suggest that inventory may be in excess of anticipated demand or is obsolete based upon assumptions about future demand. At the point of the loss recognition, a new, lower-cost basis for that inventory is established, and subsequent changes in facts and circumstances do not result in the restoration or increase in that newly established cost basis. Any written down or obsolete inventory subsequently sold has not had a material impact on gross margin for any of the periods disclosed.

Inventories consist of the following (in thousands):

September 30, Ju	une 30,
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	2018	2018
Finished goods	\$ 42,150	\$49,393
Raw materials	13,430	14,474
Total Inventories	\$ 55,580	\$63,867

Property and Equipment, Net

Property and equipment consist of the following (in thousands):

	1	20	т .	20
Septer	nher	411	June	411
SCULCI	пост	20.	Junc	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

	2018	2018
Computers and equipment	\$ 63,456	\$60,677
Purchased software	21,558	21,389
Office equipment, furniture and fixtures	15,034	14,980
Leasehold improvements	50,959	50,070
Total property and equipment	151,007	147,116
Less: accumulated depreciation and amortization	(74,783) (68,597)
Property and equipment, net	\$ 76,224	\$78,519

Intangibles

The following tables summarize the components of gross and net intangible asset balances (dollars in thousands)

	Weighted Average			
	Remaining Amortization	Gross Carrying	Accumulated	Net Carrying
	Period	Amount	Amortization	Amount
September 30, 2018				
Developed technology	3.1 years	\$ 117,000	\$ 63,106	\$ 53,894
Customer relationships	2.8 years	51,639	41,578	10,061
Maintenance contracts	0.1 years	17,000	16,717	283
Trade names	3.2 years	9,100	4,506	4,594
License agreements	7.3 years	2,232	1,244	988
Other intangibles	1.3 years	1,382	1,179	203
Total intangibles, net		\$ 198,353	\$ 128,330	\$ 70,023

Weighted Average Remaining Amortization Gross Carrying Accumulated Net Carrying Period Amount Amortization Amount June 30, 2018 \$ 58,299 Developed technology 3.3 years \$ 117,000 \$ 58,701 Customer relationships 3.0 years 51,639 40,634 11,005 Maintenance contracts 0.3 years 17,000 15,866 1,134 3.4 years Trade names 9,100 4,141 4,959 Backlogs — years 1,800 1,800 1,055 License agreements 5.8 years 2,445 1,390 Other intangibles 1.6 years 1,382 1,144 238 Total intangibles, net \$ 77,092 \$ 200,366 \$ 123,274

The amortization expense of intangibles for the periods presented is summarized below (in thousands):

Three Months Ended September 30,

	2018	2017	
Amortization in "Cost of revenues: Prod	uct"\$4,932	\$ 2,695	
Amortization of intangibles	2,141	1,614	
Total amortization	\$7,073	\$ 4,309	

The amortization expense that is recognized in "Cost of revenues: Product" is comprised of amortization for developed technology, license agreements and other intangibles.

Deferred Revenue

The Company offers for sale to its customers, renewable support arrangements that range from one to five years as well as professional and training services, which results in deferred revenue.

Debt

The Company's debt is comprised of the following (in thousands):

	September 30,	June 30,
	2018	2018
Current portion of long-term debt:		
Term Loan	\$ 9,500	\$9,500
Less: unamortized debt issuance costs	(492) (493)
Current portion of long-term debt	\$ 9,008	\$9,007
Long-term debt, less current portion:		
Term Loan	\$ 178,125	\$180,500
Revolving Facility	_	10,000
Less: unamortized debt issuance costs	(1,627	(1,751)
Total long-term debt, less current portion	176,498	188,749
Total debt	\$ 185,506	\$197,756

On May 1, 2018, the Company entered into a Credit Agreement (the "Credit Agreement"), by and among the Company, as borrower, BMO Harris Bank N.A., as an issuing lender and swingline lender, Bank of Montreal, as administrative and collateral agent, and the financial institutions or entities that are a party thereto as lenders. The Credit Agreement provides for i) \$40 million five-year revolving credit facility (the "New Revolving Facility") ii) a \$190 million five-year term loan (the "New Term Loan") and iii) an uncommitted additional incremental loan facility in the principal amount of up to \$100 million ("New Incremental Facility"). On May 1, 2018, the Company borrowed \$200 million under the Credit Agreement to pay off existing debt and for general corporate purposes.

Borrowings under the Credit Agreement will bear interest, at the Company's election, as of May 1, 2018, at a rate per annum equal to LIBOR plus 1.50% to 2.75%, or the adjusted base rate plus 0.50% to 1.75%, based on the Company's Consolidated Leverage Ratio. In addition, the Company is required to pay a commitment fee of between 0.25% and 0.40% quarterly (currently 0.35%) on the unused portion of the New Revolving Facility, also based on the Company's

consolidated leverage ratio. Principal installments are payable on the New Term Loan in varying percentages quarterly starting June 30, 2018 and to the extent not previously paid, all outstanding balances are to be paid at maturity. The Credit Agreement is secured by substantially all of the Company's assets.

The Credit Agreement requires the Company to maintain certain minimum financial ratios at the end of each fiscal quarter. The Credit Agreement also includes covenants and restrictions that limit, among other things, the Company's ability to incur additional indebtedness, create liens upon any of its property, merge, consolidate or sell all or substantially all of its assets. The Credit Agreement also includes customary events of default which may result in acceleration of the outstanding balance.

Financing costs incurred in connection with obtaining long-term financing are deferred and amortized over the term of the Credit Agreement. Amortization of deferred financing costs included in "Interest expense" in the accompanying condensed consolidated statements of operations totaled \$0.2 million for each of the three month periods ended September 30, 2018 and 2017.

The Company had \$38.7 million of availability under the New Revolving Facility as of September 30, 2018. The Company had \$1.3 million of outstanding letters of credit as of September 30, 2018.

Guarantees and Product Warranties

Networking products may contain undetected hardware or software errors when new products or new versions or updates of existing products are released to the marketplace. The Company's standard hardware warranty period is typically 12 months from the date of shipment to end-users and 90 days for software. For certain access products, the Company offers a limited lifetime hardware warranty commencing on the date of shipment from the Company and ending five (5) years following the Company's announcement of the end of sale of such product. Upon shipment of products to its customers, the Company estimates expenses for the cost to repair or replace products that may be returned under warranty and accrue a liability in cost of product revenue for this amount. The determination of the Company's warranty requirements is based on actual historical experience with the product or product family, estimates of repair and replacement costs and any product warranty problems that are identified after shipment. The Company estimates and adjusts these accruals at each balance sheet date in accordance with changes in these factors.

Upon issuance of a standard product warranty, the Company discloses and recognizes a liability for the obligations it assumes under the product warranty. The following table summarizes the activity related to the Company's product warranty liability during the three months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,		
	2018	2017	
Balance beginning of period	\$12,807	\$ 10,584	
Warranties assumed due to acquisitions		3,156	
New warranties issued	3,722	2,272	
Warranty expenditures	(3,928)	(2,513)
Balance end of period	\$12,601	\$ 13,499	

To facilitate sales of its products in the normal course of business, the Company indemnifies its resellers and end-user customers with respect to certain matters. The Company has agreed to hold the customer harmless against losses arising from a breach of intellectual property infringement or other. These agreements may limit the time within which an indemnification claim can be made and the amount of the claim. It is not possible to estimate the maximum potential amount under these indemnification agreements due to the limited history of prior indemnification claims and the unique facts and circumstances involved in each particular agreement. Historically, payments made by the Company under these agreements have not had a material impact on its operating results or financial position.

Other long-term liabilities

The following is a summary of long-term liabilities (in thousands):

	september 50,	June 50,
	2018	2018
Acquisition related deferred payments, less current portion	\$ 12,350	\$13,251
Contingent consideration obligations, less current portion	4,711	4,898
Other contractual obligations, less current portion	31,402	31,200
Other	15,644	9,751
Total other long-term liabilities	\$ 64,107	\$59,100

September 30 June 30

Advertising

All advertising costs are expensed as incurred. Advertising expenses for three months ended September 30, 2018 and 2017, were immaterial.

Concentrations

The Company may be subject to concentration of credit risk as a result of certain financial instruments consisting of accounts receivable and marketable securities. The Company does not invest an amount exceeding 10% of its combined cash or cash equivalents in the securities of any one obligor or maker, except for obligations of the United States government, obligations of United States government agencies and money market accounts.

6. Fair Value Measurements

A three-tier fair value hierarchy is utilized to prioritize the inputs used in measuring fair value. The hierarchy gives the highest priority to quoted prices in active markets (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels are defined as follows:

- Level 1 Inputs unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 Inputs quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument; and
- Level 3 Inputs unobservable inputs reflecting the Company's own assumptions in measuring the asset or liability at fair value.

The following table presents the Company's fair value hierarchy for its financial assets and liabilities measured at fair value on a recurring basis (in thousands):

	Level	Level		
September 30, 2018	1	2	Level 3	Total
Assets				
Investments:				
Marketable securities	\$887	\$ —	- \$—	\$887
Total assets measured at fair value	\$887	\$ —	- \$—	\$887
Liabilities				
Acquisition-related contingent consideration obligations	\$—	\$ —	- \$11,233	\$11,233
Total liabilities measured at fair value	\$ —	\$ —	- \$11,233	\$11,233
	Level	Leve	:1	
June 30, 2018	Level	Leve	l Level 3	Total
June 30, 2018 Assets			•	Total
			•	Total
Assets		2	Level 3	Total \$1,459
Assets Investments:	1	\$ -	Level 3 - \$—	
Assets Investments: Marketable securities	\$1,459	\$ -	Level 3 - \$—	\$1,459
Assets Investments: Marketable securities Total assets measured at fair value	\$1,459 \$1,459	\$ -	Level 3 - \$—	\$1,459 \$1,459

Level 1 investments:

The Company holds an investment in marketable equity securities which is classified as available-for-sale marketable securities at Level 1 as the investments have readily determinable fair value (see below, Level 3 investments). An unrealized holding gain on the investments was \$0.5 million as of June 30, 2018.

Level 2 assets and liabilities:

The Company includes U.S. government and sovereign obligations, most government agency securities, investment-grade corporate bonds, and state, municipal and provincial obligations for which quoted prices are available as Level 2. There were no transfers of assets or liabilities between Level 1 and Level 2 for the periods presented.

The fair value of the borrowings under the Credit Agreement is estimated based on valuations provided by alternative pricing sources supported by observable inputs which is considered Level 2. Due to the short duration until maturity of the Credit Agreement, the fair value approximates the face amount of the Company's indebtedness of \$187.6 million and \$200.0 million as of September 30, 2018 and June 30, 2018, respectively. Such differences are immaterial for all periods presented.

Level 3 assets and liabilities:

Certain of the Company's assets, including intangible assets and goodwill are measured at fair value on a non-recurring basis if impairment is indicated.

At June 30, 2018, the Company reflected a liability for contingent consideration related to a certain acquisition completed in Fiscal 2018. The fair value measurement of the contingent consideration obligation is determined using Level 3 inputs. The fair value of contingent consideration obligations is based on a discounted cash flow model. These fair value measurements represent Level 3 measurements as they are based on significant inputs not observable in the market. Significant judgment is employed in determining the appropriateness of these assumptions as of the acquisition date and for each subsequent period. Accordingly, changes in assumptions could have a material impact on the amount of contingent consideration expense the Company records in any given period. Changes in the value of the contingent consideration obligations would be recorded in general and administrative expenses in the accompanying condensed consolidated statements of operations.

The change in the acquisition-related contingent consideration obligations is as follows (in thousands):

Three Months Ended September 30,

	2018	2017	
Beginning balance	\$ 12,749	\$	_
Payments	(1,577)	_
Accretion on discount	61		_
Ending balance	\$ 11,233	\$	_

There were no transfers of assets or liabilities between Level 2 and Level 3 during the three months ended September 30, 2018 or 2017. There were no impairments recorded for the three months ended September 30, 2018 or 2017.

7. Share-based Compensation

Shares reserved for issuance

The Company had reserved for issuance for the periods noted (in thousands):

	September 30,	June 30,
	2018	2018
2013 Equity Incentive Plan shares available for grant	7,804	9,957
Employee stock options and awards outstanding	12,236	12,060
2014 Employee Stock Purchase Plan	4,084	5,365
Total shares reserved for issuance	24,124	27,382

Share-based compensation expense recognized in the condensed consolidated financial statements by line item caption is as follows (in thousands):

	Three Months Ended September 30,		
	2018 2	017	
Cost of product revenue	\$178 \$	92	
Cost of service revenue	345	133	
Research and development	2,342	1,051	
Sales and marketing	2,359	1,643	

General and administrative	1,601	1,884	

Total share-based compensation expense \$6,825 \$ 4,803

During the three months ended September 30, 2018 or 2017, the Company did not capitalize any share-based compensation expense in inventory, as the amounts were immaterial.

Stock Awards

Stock awards may be granted under the 2013 Equity Incentive Plan (the "2013 Plan") on terms approved by the Compensation Committee of the Board of Directors. Stock awards generally provide for the issuance of restricted stock units ("RSUs") including performance or market-based RSUs which vest over a fixed period of time or based upon the satisfaction of certain performance criteria. The Company uses the straight-line method for expense attribution, and beginning with fiscal 2017, the Company does not estimate forfeitures, but accounts for them as incurred.

The following table summarizes stock award activity for the three months ended September 30, 2018 (in thousands, except grant date fair value):

	Number	Weighted-	
	of	Average Grant	Aggregate Fair
	Shares	Date Fair Value	Market Value
Non-vested stock awards outstanding at June 30, 2018	7,764	\$ 8.60	\$ 61,804
Granted	3,337	6.44	
Vested	(1,142)	6.28	
Cancelled	(565)	8.69	
Non-vested stock awards outstanding at September 30, 2018	9,394	\$ 8.11	\$ 51,479

The following table summarizes stock option activity for the three months ended September 30, 2018 (in thousands, except per share and contractual term):

				Weighted-Average	
	Number	W	/eighted-Average	Remaining	Aggregate
	of	\mathbf{E}	xercise Price Per	Contractual Term	Intrinsic
	Shares	Sl	hare	(years)	Value
Options outstanding at June 30, 2018	2,193	\$	3.88	2.90	\$ 8,996
Granted	852		6.40		
Exercised	(123))	3.81		
Cancelled	(80))	6.18		
Options outstanding at September 30, 2018	2,842	\$	4.57	3.88	\$ 3,343
Vested and expected to vest at September 30, 2018	2,842	\$	4.57	3.88	\$ 3,343
Exercisable at September 30, 2018	1,939	\$	3.98	2.68	\$ 2,946

The fair value of each stock option grant under the 2013 Plan and 2005 Equity Incentive Plan is estimated on the date of grant using the Black-Scholes-Merton option valuation model with the weighted average assumptions noted in the following table. The Company uses the Monte-Carlo simulation model to determine the fair value and the derived service period of stock awards with market conditions, on the date of the grant. The expected term of options granted is derived from historical data on employee exercise and post-vesting employment termination behavior. The risk-free rate is based upon the estimated life of the option and the U.S. Treasury yield curve in effect at the time of grant. Expected volatility is based on the historical volatility on the Company's stock.

The fair value of each RSUs grant with performance-based vesting criteria ("PSUs") under the 2013 Plan is estimated on the date of grant using the Monte-Carlo simulation model to determine the fair value and the derived service period of stock awards with market conditions, on the date of the grant.

During the first quarter of fiscal 2019, the Company approved the grant of 1,269,800 stock awards to its vice president level employees or above ("VPs"), including 278,000 stock awards to its Executive Officers, and 2,067,074 stock awards to its other employees. Fifty percent (50%) of the stock awards granted to the VPs and the chief executive officer, were in the form of PSUs, with grant date fair values of \$6.40, and fifty percent (50%) of the stock awards granted were in the form of service-based RSUs. The RSUs vest from the original grant date as to one-third (1/3) on the one-year anniversary and one-twelfth (1/12) each quarter thereafter, subject to continued service to the Company.

For the PSUs referenced in the preceding paragraph, they will be considered earned once the Company's combined earnings per share equals or exceeds \$0.20 over two consecutive quarters (the "FY19 Performance Threshold"). Upon satisfying the FY19 Performance Threshold, the PSUs shall vest with respect to the same number of RSUs that have vested which were granted on the same date and thereafter, shall vest on the same schedule as the RSUs, subject to continued service to the Company. If the FY19 Performance Threshold is not met by the third anniversary of the

grant date the award is canceled. In addition, the FY19 Performance Threshold shall be deemed satisfied upon the closing of a Change in Control (within the meaning of the Company's 2013 Equity Incentive Plan) in the event the per share consideration received by the Company's stockholders equals or exceeds \$10.00 per share.

During the first quarter of fiscal 2019, the Company granted 851,700 Performance Stock Options ("PSOs") to certain officers and executive vice presidents that will vest if the Company's stock price achieves a price hurdle of \$10.00 during the three-year performance period from August 29, 2018 through August 31, 2021. The price hurdle will be deemed to have been achieved if, at any time over the performance period, the Company's stock maintains a price of \$10.00 for 30 consecutive days. If the price hurdle is achieved, the PSOs will vest as follows:

If the price hurdle is met before or on August 31, 2019, one-third of the PSOs will vest on August 31, 2019 and the remainder will vest quarterly over two years.

If the price hurdle is met after August 31, 2019, a number of the PSOs will vest (ratably calculated based upon the time elapsed between August 31, 2018 and the date the hurdle is met) and the remainder will vest quarterly through August 31, 2021. The grant date fair value was \$2.62.

2014 Employee Stock Purchase Plan

The fair value of each share purchase option under the Company's 2014 Employee Stock Purchase Plan ("ESPP") is estimated on the date of grant using the Black-Scholes-Merton option valuation model with the weighted average assumptions noted in the following table. The expected term of the ESPP represents the term of the offering period of each option. The risk-free rate is based upon the estimated life and on the U.S. Treasury yield curve in effect at the time of grant. Expected volatility is based on the historical volatility on the Company's stock.

There were 1,280,708 and 1,267,930 shares issued under the ESPP during the three months ended September 30, 2018 and 2017, respectively. The following assumptions were used to calculate the fair value of shares granted under the ESPP during the following periods:

	Employee Stock Purchase Plan Three Months Ended				
	September 30,		September	30,	
	2018		2017		
Expected life	0.5 years		0.5 years		
Risk-free interest rate	2.20	%	1.15	%	
Volatility	63	%	42	%	
Dividend yield		%		%	

The weighted-average fair value of shares granted under the ESPP during the three months ended September 30, 2018 and 2017 was \$2.73 and \$2.41, respectively.

8. Restructuring Charges, net of reversals

Restructuring liabilities consisted of obligations pertaining to the estimated future obligations for non-cancelable lease payments, as well as severance and benefits obligations. The restructuring liabilities are recorded in "Other accrued liabilities" and "Other long-term liabilities" in the accompanying condensed consolidated balance sheets.

The Company recorded \$0.8 million of additional restructuring charges, net of reversals during the three months ended September 30, 2018, associated with a reduction-in-force in the fourth quarter of fiscal 2018.

Cash payments of \$3.4 million were paid during the first three months of fiscal 2019. The balance of the severance and benefits obligations are expected to be paid by the end of fiscal 2019. The excess facilities obligations will continue through fiscal year 2023.

Total restructuring and related liabilities consist of (in thousands):

	Excess	Severance	e
	Facilities	Benefits	Total
Balance as of June 30, 2018	\$ 1,797	\$ 4,658	\$6,455
Period charges		999	999
Period reversals	_	(191) (191)
Period payments		(3,402) (3,402)
Balance as of September 30, 2018	\$ 1,797	\$ 2,064	\$3,861
Less: current portion included in Other accrued liabilities			2,601
Restructuring accrual included in Other long-term liabilities			\$1,260

9. Commitments and Contingencies

Purchase Commitments

The Company currently has arrangements with contract manufacturers and suppliers for the manufacture of its products. Those arrangements allow the contract manufactures to procure long lead-time component inventory based upon a rolling production forecast provided by the Company. The Company is obligated to purchase long lead-time component inventory that its contract manufacturer procures in accordance with the Company's forecast, unless the Company gives notice of order cancellation outside of applicable component lead-times. As of September 30, 2018, the Company had non-cancelable commitments to purchase \$158.7 million of such inventory. As of September 30, 2018 the Company had non-cancelable commitments to purchase \$117.5 million of software and new product support services.

Legal Proceedings

The Company may from time to time be party to litigation arising in the course of its business, including, without limitation, allegations relating to commercial transactions, business relationships or intellectual property rights. Such claims, even if not meritorious, could result in the expenditure of significant financial and managerial resources. Litigation in general, and intellectual property and securities litigation in particular, can be expensive and disruptive to normal business operations. Moreover, the results of legal proceedings are difficult to predict.

In accordance with applicable accounting guidance, the Company records accruals for certain of its outstanding legal proceedings, investigations or claims when it is probable that a liability will be incurred and the amount of loss can be reasonably estimated. The Company evaluates, at least on a quarterly basis, developments in legal proceedings, investigations or claims that could affect the amount of any accrual, as well as any developments that would result in a loss contingency to become both probable and reasonably estimable. When a loss contingency is not both probable and reasonably estimable, the Company does not record a loss accrual. However, if the loss (or an additional loss in excess of any prior accrual) is at least a reasonable possibility and material, then the Company would disclose an estimate of the possible loss or range of loss, if such estimate can be made, or disclose that an estimate cannot be made. The assessment whether a loss is probable or a reasonable possibility, and whether the loss or a range of loss is estimable, involves a series of complex judgments about future events. Even if a loss is reasonably possible, the Company may not be able to estimate a range of possible loss, particularly where (i) the damages sought are substantial or indeterminate, (ii) the proceedings are in the early stages, or (iii) the matters involve novel or unsettled legal theories or a large number of parties. In such cases, there is considerable uncertainty regarding the ultimate resolution of such matters, including the amount of any possible loss, fine or penalty. Accordingly, for current proceedings, except as noted below, the Company is currently unable to estimate any reasonably possible loss or range of possible loss. However, an adverse resolution of one or more of such matters could have a material adverse effect on the Company's results of operations in a particular quarter or fiscal year.

Brazilian Tax Assessment Matter

On May 28, 2007, the Public Treasury Department of the State of Sao Paolo, Brazil (the "Tax Authority") assessed the Company's Brazilian subsidiary, Enterasys Networks do Brasil Ltda. ("Enterasys Brasil"), based on an alleged underpayment of taxes. The Tax Authority also charged interest and penalties with respect to the assessment (collectively, the "ICMS Tax Assessment"). The Tax Authority denied Enterasys Brasil the use of certain presumed tax credits granted by the State of Espirito Santo, Brazil under the terms of the FUNDAP program for the period from February 2003 to December 2004. The value of the disallowed presumed tax credits is BRL 3.4 million (USD \$0.8 million), excluding interest and penalties. All currency conversions in this Legal Proceedings section are as of September 30, 2018.

Unable to resolve the matter at the administrative level, on October 1, 2014, Enterasys Brasil filed a lawsuit in the 11th Public Treasury Court of the Sao Paolo State Court of Justice (Judiciary District of Sao Paolo) to overturn or reduce the ICMS Tax Assessment. As part of this lawsuit, Enterasys Brasil requested a stay of execution, so that no tax foreclosure could be filed and no guarantee would be required until the court issued its final ruling. On or about October 6, 2014, the court granted a preliminary injunction staying any execution on the assessment, but requiring that Enterasys Brasil deposit the assessed amount with the court. Enterasys Brasil appealed this ruling and, on or about January 28, 2015, the appellate court ruled that no cash deposit (or guarantee) was required. In a decision dated August 28, 2017, and published on October 3, 2017, the court validated the assessment and penalty imposed by the Tax Authority, but ruled that the Tax Authority was charging an unlawfully high interest rate on the tax assessment and penalty amounts, and ordered the interest rate reduced to the maximum Federal rate. The August 28, 2017 decision, were it to become final, would require Enterasys Brasil to pay a total of BRL 19.6 million (USD \$4.8 million), which includes penalties, court costs, attorneys' fees, and accrued interest as of September 30, 2018. The Company believes the ICMS Tax Assessment against Enterasys Brasil is without merit and has appealed the lower court's decision. The appellate court ruled that no cash deposit (or guarantee) is required during the pendency of the appeal.

Based on the currently available information, the Company believes the ultimate outcome of the ICMS Tax Assessment litigation will not have a material adverse effect on the Company's financial position or overall results of operations. However, due to the complexities and uncertainty surrounding the judicial process in Brazil and the nature of the claims asserted, there can be no assurance of a favorable outcome for Enterasys Brasil, which recorded an accrual of BRL 9.4 million (USD \$2.3 million) as of the date the Company acquired Enterasys Networks.

The Company made a demand on April 11, 2014 for a defense from, and indemnification by, the former equity holder of Enterasys Networks, Inc. ("Seller") in connection with the ICMS Tax Assessment. Seller agreed to assume the defense of the ICMS Tax Assessment on May 20, 2014. In addition, through the settlement of an indemnification-related lawsuit with the Seller on June 18, 2015, Seller agreed to continue to defend the Company with respect to the ICMS Tax Assessment and to indemnify the Company for losses related thereto subject to certain conditions. These conditions include the offsetting of foreign income tax benefits realized by the Company in connection with the acquisition of Enterasys. Based upon current projections of the foreign income tax benefits to be realized, and the potential liability in the event of an adverse final judgment in the ICMS Tax Assessment litigation, the Company does not presently anticipate that any amounts under the indemnification will be due from the Seller in connection with the ICMS Tax Assessment.

In re Extreme Networks, Inc. Securities Litigation

On October 23 and 29, 2015, punitive class action complaints alleging violations of securities laws were filed in the U.S. District Court for the Northern District of California against the Company and three of its former officers (Charles W. Berger, Kenneth B. Arola, and John T. Kurtzweil). Subsequently, the cases were consolidated (In re Extreme Networks, Inc. Securities Litigation, No. 3:15-CY-04883-BLF). Plaintiffs allege that defendants violated the securities laws by disseminating materially false and misleading statements and concealing material adverse facts regarding the Company's financial condition, business operations and growth prospects. Plaintiffs seek unspecified damages on behalf of a purported class of investors who purchased the Company's common stock from September 12, 2013 through April 9, 2015. On June 28, 2016, the Court appointed a lead plaintiff. On September 26, 2016, the lead plaintiff filed a consolidated complaint. On November 10, 2016, defendants filed a motion to dismiss, which the Court granted with leave to amend on April 27, 2017. On June 2, 2017, the lead plaintiff filed an amended complaint, which, on July 10, 2017, defendants again moved to dismiss. In a March 21, 2018 Order (the "March 2018 Order"), the Court granted in part and denied in part the defendants' motion. The March 2018 Order narrowed the scope of the case, but allowed certain claims to proceed. The parties have signed a term sheet to settle the litigation and are preparing further documentation for the settlement to submit for court approval.

On February 18, 2016, a shareholder derivative case was filed in the Superior Court of California, Santa Clara County (Shaffer v. Kispert et al., No. 16 CV 291726). The complaint names current and former officers and directors as defendants, and seeks recovery on behalf of the Company based on substantially the same allegations as the securities class action litigation described above. As a result of the March 2018 Order, the stipulated stay of the derivative litigation ended. The parties have reached an agreement in principle to settle the case, and are preparing further documentation for the settlement to submit for court approval.

XR Communications, LLC d/b/a Vivato Technologies v. Extreme Networks, Inc. Patent Infringement Suit

On April 19, 2017, XR Communications, LLC ("XR") (d/b/a Vivato Technologies) filed a patent infringement lawsuit against the Company in the Central District of California (XR Communications, LLC, dba Vivato Technologies v. Extreme Networks, Inc., No. 2:17-cv-2953-AG). The operative Second Amended Complaint asserts infringement of U.S. Patent Nos. 7,062,296, 7,729,728, and 6,611,231 based on the Company's manufacture, use, sale, offer for sale,

and/or importation into the United States of certain access points and routers supporting multi-user, multiple-input, multiple-output technology. XR seeks unspecified damages, on-going royalties, pre- and post-judgment interest, and attorneys' fees (but no injunction). In orders dated April 10 and May 22, 2018, the Court stayed the case pending a resolution by the Patent Trial and Appeal Board (PTAB) of inter partes review (IPR) petitions filed by several defendants in other XR-related patent lawsuits challenging the validity of the asserted patents. The PTAB has now instituted IPR proceedings as to all three patents and all patent claims asserted in the litigation. Given the stay, the Court took off calendar all previously scheduled events (including a Markman hearing and potential trial date). During a status conference on October 22, 2018, the Court continued the stay and set a status conference for February 11, 2019. The Company believes the claims are without merit, and intends to defend them vigorously.

Orckit IP, LLC v. Extreme Networks, Inc., Extreme Networks Ireland Ltd., and Extreme Networks GmbH

On February 1, 2018, Orckit IP, LLC ("Orckit") filed a patent infringement lawsuit against the Company and its Irish and German subsidiaries in the District Court in Dusseldorf, Germany. The lawsuit alleges direct and indirect infringement of the German portion of European Patent EP 1 958 364 B1 based on the offer, distribution, use, possession and/or importation into Germany of certain network switches equipped with the ExtremeXOS operating system. Orckit is seeking injunctive relief, an accounting, and an unspecified declaration of liability for damages and costs of the lawsuit. On May 3, 2018, Extreme Networks GmbH filed a separate nullity action in the Federal Patent Court in Munich, seeking to invalidate the asserted patents, and on May 4, 2018, the defendants answered the complaint, denying any infringement and seeking a stay of the action pending the conclusion of the nullity action. The Company believes the claims are without merit, and intends to defend them vigorously.

Indemnification Obligations

Subject to certain limitations, the Company may be obligated to indemnify its current and former directors, officers and employees. These obligations arise under the terms of its certificate of incorporation, its bylaws, applicable contracts, and applicable law. The obligation to indemnify, where applicable, generally means that the Company is required to pay or reimburse, and in certain circumstances the Company has paid or reimbursed, the individuals' reasonable legal expenses and possibly damages and other liabilities incurred in connection with certain legal matters. For example, the Company currently is paying or reimbursing legal expenses being incurred by certain current and former officers and directors in connection with the shareholder litigation described above. The Company also procures Directors and Officers insurance to help cover its defense and/or indemnification costs, although its ability to recover such costs through insurance is uncertain. While it is not possible to estimate the maximum potential amount that could be owed under these indemnification agreements due to the Company's limited history with prior indemnification claims, indemnification (including defense) costs could, in the future, have a material adverse effect on the Company's consolidated financial position, results of operations and cash flows. As of September 30, 2018, the Company has the outstanding indemnification claims described above.

10.Income Taxes

For the three months ended September 30, 2018 and 2017, the Company recorded income tax provision of \$1.4 million and \$1.7 million, respectively.

The income tax provisions for the three months ended September 30, 2018 and 2017, consisted primarily of taxes on the income of the Company's foreign subsidiaries as well as tax expense associated with the establishment of a U.S. deferred tax liability for amortizable goodwill resulting from the acquisition of Enterasys Networks, Inc., the WLAN Business, the Campus Fabric Business and for the three months ended September 30, 2018, the Data Center Business. The income tax provisions for both fiscal years were calculated based on the actual results of operations for the three months ended September 30, 2018 and 2017, respectively and therefore may not reflect the annual effective tax rate.

On December 22, 2017, the President of the United States signed and enacted into law H.R. 1, the Tax Cuts and Jobs Act ("TCJA"), which, except for certain provisions, is effective for the Company's fiscal year ended 2019. As a fiscal year taxpayer, the Company was not subject to the majority of the tax law provisions until the first quarter of fiscal year 2019; however, there were certain significant items of impact that were recognized in fiscal year 2018, the year the TCJA was enacted.

The TCJA's primary change is a reduction in the U.S. Federal statutory corporate tax rate from 35% to 21%. As a result, the Company recognized a tax benefit in the amount of \$2.5 million in the second quarter of fiscal 2018 due to the revaluation of the Company's deferred tax liability related to amortizable goodwill to reflect the lower statutory rate. Because the U.S. deferred tax assets are offset by a full valuation allowance, the reduction in deferred tax assets for the lower rate was fully offset by a corresponding reduction in valuation allowance resulting in no additional tax

provision.

The TCJA moves the U.S. from a global taxation regime to a modified territorial regime. Under the territorial regime, the company's foreign earnings will generally not be subject to tax in the US. As part of transitioning to this new regime, U.S. companies were required to pay tax on historical earnings generated offshore that have not been repatriated to the U.S. ("Transition Tax"). The Company has estimated there will be no incremental tax provision relating to the Transition Tax given the Company's ability to utilize existing tax attributes to offset the impact of the deemed repatriation.

The TCJA makes broad and complex changes to the U.S. tax code, and in certain instances, lacks clarity and is subject to interpretation until additional U.S. Treasury guidance is issued. On December 22, 2017, the SEC issued guidance under Staff Accounting Bulletin No. 118, Income Tax Accounting Implications of the Tax Cuts and Jobs Act ("SAB 118"), which allows registrants to record provisional amounts during a one year "measurement period" similar to that used when accounting for business combinations. However, the measurement period is deemed to have ended earlier when the registrant has obtained, prepared and analyzed the information necessary to finalize its accounting. During the measurement period, impacts of the law are expected to be recorded at the time a reasonable estimate for all or a portion of the effects can be made, and provisional amounts can be recognized and adjusted as information becomes available, prepared or analyzed. SAB 118 summarizes a three-step process to be applied at each reporting period to account for and qualitatively disclose: (1) the effects of the change in tax law for which accounting is complete; (2) provisional amounts (or adjustments to provisional amounts) for the effects of the tax law where accounting is not complete, but that a reasonable estimate has been determined; and (3) a reasonable estimate cannot yet be made and therefore taxes are reflected in accordance with law prior to the enactment of the TCJA.

Amounts recorded where accounting is complete principally relate to the reduction in the U.S. federal tax rate to 21 percent, which resulted in the Company reporting an income tax benefit of \$2.5 million in the fiscal year ended June 30, 2018 to remeasure deferred tax liabilities associated with indefinitely lived intangible assets that will reverse at the new 21% rate. Absent this deferred tax liability, the Company is in a net deferred tax asset position that is offset by a full valuation allowance. Though the impact of the rate change related to net deferred tax assets has a net tax effect of zero, the accounting to determine the gross change in the deferred tax position and the offsetting valuation is not yet complete. In accordance with SAB 118, the estimated income tax impact associated with the Transition Tax of zero represents our best estimate based on interpretation of the U.S. legislation as we are still accumulating data to finalize the underlying calculation. In accordance with SAB 118, estimated income tax impact associated with the Transition Tax is considered provisional and will be finalized prior to the end of the measurement period. The ultimate impact may differ from these provisional amounts, due to, among other things, additional analysis, changes in interpretations and assumptions the Company has made, additional regulatory guidance that may be issued, and actions the Company may take as a result of the TCJA.

With respect to provisions of the TCJA effective for the Company's fiscal year ended 2019, the Company anticipates several new provisions may potentially impact tax provisions in future periods including limitations on the deductibility of interest expense and certain executive compensation, a minimum tax on certain foreign earnings (i.e., global intangible low-taxed income or "GILTI"). The GILTI provisions require the Company to include in its U.S. income tax return foreign subsidiary earnings in excess of an allowable return on the foreign subsidiary's tangible assets. Based on initial assessment and interpretation of the new provision, the Company expects that it will be subject to incremental U.S. tax on GILTI income beginning in fiscal 2019. The Company may elect to account for GILTI tax as a component of tax expense in the period in which it is incurred or account for the GILTI tax in the measurement of deferred taxes. The Company is continuing to evaluate this particular provision and therefore has not yet elected a method but will do so once our analysis is complete. The Base Erosion and Anti-Abuse Tax ("BEAT") provisions in the Tax Reform Act eliminate the deduction of certain base-erosion payments made to related foreign corporations and impose a minimum tax if greater than regular tax. There is a reasonable amount of uncertainty surrounding the interpretation of this new provision, however, based on initial assessment and a reasonable interpretation of the new provision, the Company expects that it will not be subject to the incremental U.S. tax on BEAT income beginning in fiscal 2019, due to a realignment of the Company's international structure.

In the three months ended September 30, 2019, the Company adopted ASU 2016-16, Intra-Entity Transfers of Assets Other Than Inventory, which requires an entity to recognize the income tax consequences of an intra-entity transfer of an asset at the time the transfer occurs. Historically, GAAP has prohibited the recognition of current and deferred income taxes for an intra-entity asset transfer until the asset had been sold outside the consolidated group. Effective as of July 1, 2018, the Company adopted ASU 2016-16 on a modified retrospective basis which requires an

adjustment of the cumulative-effect of the adoption to retained earnings. However, the adjustment was immaterial to the financial statements and no such adjustment was necessary. As a result of adoption, the income tax consequences of future intra-entity transfer of assets will be recognized in earnings in each period rather than be deferred until the assets leave the consolidated group. In the three months ended September 30, 2018, the Company recognized a deferred tax asset relating to a transfer of certain assets from the US parent company to its wholly-owned Irish subsidiary of \$5.4 million, which was fully offset by the establishment of a valuation allowance resulting in no impact to Company's statement of operations.

The Company has provided a full valuation allowance against all of its U.S. federal and state deferred tax assets as well as the deferred tax assets in Australia and a portion of the deferred tax assets in Ireland. A valuation allowance is determined by assessing both negative and positive evidence to determine whether it is "more likely than not" that the deferred tax assets are recoverable; such assessment is required on a jurisdiction by jurisdiction basis. The Company's inconsistent earnings in recent periods, including a cumulative loss over the last three years, coupled with its difficulty in forecasting future revenue trends as well as the cyclical nature of its business represent sufficient negative evidence to require a full valuation allowance against its U.S. federal and state net deferred tax assets as well as the above mentioned foreign jurisdictions. This valuation allowance will be evaluated periodically and can be reversed partially or in whole if business results and the economic environment have sufficiently improved to support realization of some or all of the Company's deferred tax assets.

The acquisition of Enterasys in October 2013 included a U.S. parent company as well as its wholly-owned foreign subsidiaries. The Company elected to treat this stock acquisition as an asset purchase by filing the required election forms under IRC Sec 338(h)(10). In addition, the Company completed asset purchases of the WLAN Business, the Campus Fabric Business and the Data Center Business in October 2016, July 2017 and October 2017, respectively. The Company has estimated the value of the intangible assets from these transactions and is amortizing the amounts over 15 years for tax purposes. During the three months ended September 30, 2018 and 2017, the Company deducted \$0.5 million and \$1.6 million of tax amortization expense respectively, for each period related to capitalized goodwill resulting from these acquisitions. As of September 30, 2018, the Company recorded a deferred tax liability of \$5.9 million related to this goodwill amortization which is not considered a future source of taxable income in evaluating the need for a valuation allowance against its deferred tax assets.

The Company had \$17.2 million of unrecognized tax benefits as of September 30, 2018. The future impact of the unrecognized tax benefit of \$17.2 million, if recognized, would result in adjustments to deferred tax assets and corresponding adjustments to the valuation allowance. The Company does not anticipate any events to occur during the next twelve months that would reduce the unrealized tax benefit as currently stated in the Company's balance sheet.

The Company's policy is to accrue interest and penalties related to the underpayment of income taxes as a component of tax expense in the accompanying condensed consolidated statements of operations.

In general, the Company's U.S. federal income tax returns are subject to examination by tax authorities for fiscal years 2001 forward due to net operating losses and the Company's state income tax returns are subject to examination for fiscal years 2000 forward due to net operating losses. The Company is in the process of settling examination by the state of North Carolina for fiscal years ended 2014, 2015 and 2016. The settlement will result in an immaterial payment to the state to close all three years.

11.Net Loss Per Share

Basic earnings per share is calculated by dividing net earnings by the weighted average number of common shares outstanding during the period. Dilutive earnings per share is calculated by dividing net earnings by the weighted average number of common shares used in the basic earnings per share calculation plus the dilutive effect of shares subject to repurchase, options, warrants and unvested restricted stock units.

The following table presents the calculation of net loss per share of basic and diluted (in thousands, except per share data):

	September 30,		
	2018	2017	
Net (loss) income	\$(9,065)	\$ 4,376	
Weighted-average shares used in per share calculation - basic Effect of potentially dilutive shares:	117,368	112,241	
Options to purchase common stock	_	1,760	
Restricted stock units		4,007	
Employee Stock Purchase Plan shares	_	423	
Weighted-average shares used in per share calculation - diluted	117,368	118,431	
Net (loss) income per share:			

Net (loss) income per share - basic	\$(0.08) \$ 0.04	
Net (loss) income per share - diluted	\$(0.08) \$ 0.04	

The following securities were excluded from the computation of net loss per diluted share of common stock for the periods presented as their effect would have been anti-dilutive (in thousands):

Three Months Ended
September 30,

	2018	2017
Options to purchase common stock	989	_
Restricted stock units	1,913	496
Employee Stock Purchase Plan shares	_	204
Total shares excluded	2,902	700

12. Foreign Exchange Forward Contracts

The Company uses derivative financial instruments to manage exposures to foreign currency. The Company's objective for holding derivatives is to use the most effective methods to minimize the impact of these exposures. The Company does not enter into derivatives for speculative or trading purposes. The fair value of the Company's derivatives in a gain position are recorded in "Prepaid expenses and other current assets" and derivatives in a loss position are recorded in "Other accrued liabilities" in the accompanying condensed consolidated balance sheets. Changes in the fair value of derivatives are recorded in "Other income (expense), net" in the accompanying condensed consolidated statements of operations. The Company enters into foreign exchange forward contracts to mitigate the effect of gains and losses generated by foreign currency transactions related to certain operating expenses and re-measurement of certain assets and liabilities denominated in foreign currencies. These derivatives do not qualify as hedges.

As of September 30, 2018, the Company did not have any forward foreign currency contracts. As of September 30, 2017 forward foreign currency contracts had a notional principal amount of \$9.6 million and an immaterial unrealized loss. These contracts typically have maturities of less than 90 days. Changes in the fair value of these foreign exchange forward contracts are offset largely by re-measurement of the underlying assets and liabilities.

Foreign currency transactions gains and losses from operations was a gain of \$0.2 million and loss from operations of \$0.6 million for the three months ended September 30, 2018 and 2017, respectively.

13. Disclosure about Segments of an Enterprise and Geographic Areas

The Company operates in one segment, the development and marketing of network infrastructure equipment. The Company conducts business globally and is managed geographically. Revenue is attributed to a geographical area based on the location of its customers. The Company operates in three geographical areas: Americas, which includes the United States, Canada, Mexico, Central America and South America; EMEA, which includes Europe, Russia, Middle East and Africa; and APAC which includes Asia Pacific, South Asia, India, Australia and Japan. The Company's chief operating decision maker, who is its CEO, reviews financial information presented on a consolidated basis for purposes of allocating resources and evaluating financial performance.

See Note 4 Net Revenues for the Company's revenues by geographic regions and channel based on the customer's ship-to location.

The Company's long-lived assets are attributed to the geographic regions as follows (in thousands):

	September 30,	June 30,
Long-lived Assets	2018	2018
Americas	\$ 147,276	\$178,251
EMEA	46,119	15,106
APAC	9,187	9,896
Total long-lived assets	\$ 202,582	\$203,253

14. Subsequent Event

On November 2, 2018, the Company announced that its Board of Directors has authorized the Company to repurchase up to \$60.0 million of its common stock over the next two years. Purchases may be made from time to time in the open market, in privately negotiated transactions or otherwise. The manner, timing and amount of any purchases will be determined by the Company's management based on their evaluation of market conditions, stock price, Extreme's

ongoing determination that it is the best use of available cash and other factors. The repurchase program does not obligate Extreme to acquire any common stock, may be suspended or terminated at any time without prior notice and will be subject to regulatory considerations. No repurchases were made during the quarter ended September 30, 2018.

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

This quarterly report on Form 10-Q, including the following sections, contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including in particular, our expectations regarding market demands, customer requirements and the general economic environment, future results of operations, and other statements that include words such as "may," "will," "should," "expect," "plan," "intend," "anticipate," "believe," "estimate," "potential," "continue" and similar expressions. These forward-looking statements involve risks and uncertainties. We caution investors that actual results may differ materially from those projected in the forward-looking statements as a result of certain risk factors identified in the section entitled "Risk Factors" in this Quarterly Report on Form 10-Q for the first quarter ended September 30, 2018, our Annual Report on Form 10-K for the fiscal year ended June 30, 2018, and other filings we have made with the Securities and Exchange Commission. These risk factors, include, but are not limited to: fluctuations in demand for our products and services; a highly competitive business environment for network switching equipment; our effectiveness in controlling expenses; the possibility that we might experience delays in the development or introduction of new technology and products; customer response to our new technology and products; fluctuations in the global economy; risks related to pending or future litigation; a dependency on third parties for certain components and for the manufacturing of our products and our ability to receive the anticipated benefits of acquired businesses..

Business Overview

The following discussion is based upon our Consolidated Financial Statements included elsewhere in this Report, which have been prepared in accordance with U.S. generally accepted accounting principles ("U.S. GAAP"). In the course of operating our business, we routinely make decisions as to the timing of the payment of invoices, the collection of receivables, the manufacturing and shipment of products, the fulfillment of orders, the purchase of supplies, and the building of inventory and service parts, among other matters. Each of these decisions has some impact on the financial results for any given period. In making these decisions, we consider various factors including contractual obligations, customer satisfaction, competition, internal and external financial targets and expectations, and financial planning objectives. For further information about our critical accounting policies and estimates, see "Critical Accounting Policies and Estimates" section included in this "Management's Discussion and Analysis of Financial Condition and Results of Operations."

Extreme Networks, Inc., together with its subsidiaries (collectively referred to as "Extreme" and as "we", "us" and "our") is a leading provider of network infrastructure equipment and offers related maintenance contracts for extended warranty and maintenance to our enterprise, data center and service provider customers. We were incorporated in California in May 1996 and reincorporated in Delaware in March 1999. Our corporate headquarters are located in San Jose, California. Substantially all of our revenue is derived from the sale of our networking equipment and related maintenance contracts.

Extreme is a leader in providing software-driven networking solutions for enterprise customers. Providing a combined end-to-end solution from the data center to the access point, Extreme designs, develops and manufactures wired and wireless network infrastructure equipment and develops the software for network management, policy, analytics, security and access controls. We strive to help our customers and partners Connect Beyond the Network by building world-class software and network infrastructure solutions that solve the wide range of problems faced by IT departments.

Enterprise network administrators from the data center to the access layer need to respond to the rapid digital transformational trends of cloud, mobility, big data, social business and the ever-present need for network security. Accelerators such as Internet of Things ("IoT"), artificial intelligence ("AI"), bring your own device ("BYOD"), machine learning, cognitive computing, and robotics add complexity to challenge the capabilities of traditional

networks. Technology advances have a profound effect across the entire enterprise network placing unprecedented demands on network administrators to enhance management capabilities, scalability, programmability, agility, and analytics of the enterprise networks they manage.

A trend effecting the Enterprise Network Equipment market is the continued adoption of the cloud-managed enterprise WLAN in the enterprise market. Hybrid cloud is a cloud computing environment which uses a mix of on-premises, private cloud and third-party, public cloud services with orchestration between the two platforms. ExtremeCloud is the only offering in the market that seamlessly integrates the cloud with on-premise infrastructures.

We believe that understanding the following key developments is helpful to an understanding of our operating results for the fiscal quarter ended September 30, 2018.

To facilitate the readers understanding, the following is a list of common terms in our industry used in the discussion of our business:

Access: Network access is the closest point of entry to a network whether it is a wireless access point, Ethernet connection, or Wi-Fi device.

Access Point: A wireless access point, or more generally just access point ("AP"), is a networking hardware device that allows a Wi-Fi device to connect to a wired network. (Industry term)

Aggregation: In computer networking, the term aggregation applies to various methods of combining (aggregating) multiple network connections in parallel in order to increase throughput beyond what a single connection could sustain, and to provide redundancy in case one of the links should fail.

Artificial Intelligence: Artificial Intelligence ("AI") is a set of technologies that enable computers to simulate the cognitive knowledge-processing capabilities of humans. Because it is artificial, the objective of most work in AI is to augment the capabilities of humans, not to replace them. Just as computers in general are applied to the tedious and repetitive tasks that humans find tedious, AI-based solutions can deal with often large ("Big Data") volumes of digitally-encoded information dispassionately, unemotionally, rapidly, and, depending upon the parameters of a specific application and implementation, accurately. In network administration, AI can be applied to dealing with the "more-variables-than-equations nature" of radio frequency settings in even very-large-scale Wi-Fi installations. The goal is to achieve optimal network-wide performance more accurately and at lower cost than would be possible with humans alone.

Campus (Network): A campus network, or campus area network, or corporate area network ("CAN") is a computer network made up of an interconnection of local area networks ("LANs") within a limited geographical area, such as a college campus, company campus, hospital, hotel, convention center or sports venue.

CloudStack: CloudStack is an open source cloud computing software for creating, managing, and deploying infrastructure cloud services. It uses existing hypervisors such as KVM, VMware ESXi and XenServer/XCP for virtualization.

Core: A core network, or network core, is the central part of a telecommunications network that provides various services to customers who are connected by the access network.

Data Center: A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes redundant or backup power supplies, redundant data communications connections, environmental controls (e.g. air conditioning, fire suppression) and various security devices.

Data Center Fabric technologies: Also known as networking switch fabric, is the basic topology of how a network is laid out and connected to switch traffic on a data or circuit-switched network.

Edge: An edge device is a device which provides an entry point into enterprise or service provider core networks. Examples include routers, routing switches, integrated access devices ("IADs"), multiplexers, and a variety of metropolitan area network ("MAN") and wide area network ("WAN") access devices.

Fabric Attach: Avaya's Fabric Attach ("FA") fundamentally introduces autonomic/automatic attachment to network services for end users IoT devices to a network infrastructure. Fabric Attach and Fabric Connect are key building blocks of the Avaya SDN FxTM architecture.

Fabric Connect: Fabric Connect is an extended implementation of the IEEE/IEFT standards for Shortest Path Bridging ("SPB"). It offers a full-service network virtualization technology that combines the best of Ethernet and the best of IP

Flipped Classroom: Flipped classroom is an instructional strategy and a type of blended learning that reverses the traditional learning environment by delivering instructional content, often online, outside of the classroom.

Internet Protocol: Internet Protocol ("IP") is the principal set (or communications protocol) of digital message formats and rules for exchanging messages between computers across a single network or a series of interconnected networks, using the Internet Protocol Suite (often referred to as TCP/IP)

Layer 3 Data Center Interconnect; A Data Center Interconnect ("DCI") refers to the networking of two or more different data centers to achieve business or IT objectives. This interconnectivity between separate data centers enables them to work together, share resources and/or pass workloads between one another. A Layer 3 DCI refers to interconnection made through layer 3 of the commonly-referenced multilayered communication model, Open Systems Interconnection ("OSI").

Machine Learning: Machine Learning ("ML") is a set of technologies, and itself a branch of AI, that enables computers to simulate human learning, with learning defined here as the ability to change behavior and/or essential capabilities (again, simulated as a digital process on a computer) in response to new information suitably encoded for consumption by the algorithms implementing ML. In other words, ML enables AI-based processes to "learn" from past

behaviors and consequently to improve future results, in much the same way as experiential education benefits humans.

Network Automation: Network Automation ("NA") is a methodology in which software automatically configures, provisions, manages and tests network devices. It is used by enterprises and service providers to improve efficiency and reduce human error and operating expenses.

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OpenFlow: OpenFlow ("OF") is considered one of the first software-defined networking ("SDN") standards. It originally defined the communication protocol in SDN environments that enables the SDN Controller to directly interact with the forwarding plane of network devices such as switches and routers, both physical and virtual (hypervisor-based), so it can better adapt to changing business requirements. (Source: SDx Central)

• OpenStack: OpenStack software controls large pools of compute, storage, and networking resources throughout a datacenter, managed through a dashboard or via the OpenStack API. OpenStack works with popular enterprise and open source technologies making it ideal for heterogeneous infrastructure. (Source: OpenStack.org)

Single Pane of Glass: Single pane of glass is a term used to describe a management display console that integrates all parts of a computer infrastructure.

Stackstorm: A platform for integration and automation across services and tools. It ties existing infrastructure and application environment to automate that environment. It has a particular focus on taking actions in response to events.

Wi-Fi: Wireless Access points using Radio Frequency and protocols to allow computers, smartphones, or other devices to connect to the Internet or communicate with one another wirelessly within an area.

Industry Background

Enterprises are adopting new IT delivery models and applications that require fundamental network alterations and enhancements spanning from device access point to the network core. AI and ML technologies have the potential to vastly improve the network experience. When AI and ML are used in conjunction with an NA technology, administrators can make significant advances in productivity, availability, accessibility, manageability, security and speed of their network infrastructure. These emerging technologies are driving administrators to a mindset of change toward agile processes that allow a versatile workforce to improve the rate of innovation of the enterprise safely, securely and with confidence.

AI, ML and NA have increased the relevance and importance of the network in the enterprise. Traditional network offerings are not well-suited to fulfill enterprise expectations for rapid delivery of new services, more flexible business models, real-time response and massive scalability.

The networking industry appears to be invigorated by this wave of technological change:

- Ethernet (wired and wireless) has solidified its role in both public and private networks through its scalability, adaptability and cost-effectiveness. At the same time, the enterprises and service providers expect the technology to follow a price-performance curve that mandates continued innovation by Ethernet vendors.
- The mobile workforce continues to proliferate. Employees expect high-quality and secure access to corporate resources in a BYOD world across a diversity of endpoints such as laptops, tablets, smart phones and wearables, whether they are within the corporate firewall or on-the-go. With ExtremeManagement, IT departments focus their investment decisions on this mobile workforce, taking a unified view of wireless access, from the campus core and the data center. Extreme offers end-to-end solutions that permit IT managers to meet employee expectations and to maximize IT return on investment.
- Verticals such as retail, finance, healthcare, education, manufacturing, government and hospitality (which includes sports and entertainment venues) are connecting with their customers and guests beyond the network. These enterprises are investing in guest and location technologies that connect with their customers via their mobile devices over their WLAN. This allows them to obtain rich analytics for contextual marketing, which in turn, enables them to deliver a personalized brand experience. ExtremeGuest and ExtremeLocation have been built on cloud-based technology for simple implementation and fast release to market to better provide necessary insights into guest demographics and location-based analytics.

The Internet of Things. The Internet of Things is having dramatic effects on network infrastructure in healthcare, education, manufacturing, government and retail as more "smart" devices are entering the networks. These devices pose opportunities as well as threats to the network.

Growing usage of the cloud. Enterprises have migrated increasing numbers of applications and services to either private clouds or public clouds offered by third parties. In either case, the network infrastructure must adapt to this new dynamic environment. Intelligence and automation are key if enterprises are to derive maximum benefit from their cloud deployments. Ethernet speeds, scaling from 10 Gigabits per second ("G") to 100G, provide the infrastructure for both private and public clouds. In addition, there is growing interest in SDN approaches that may include technologies such as OpenFlow, OpenStack, and CloudStack for increased network agility.

Vendor consolidation is expected to continue. Consolidation of vendors within the enterprise network equipment market and between adjacent markets (storage, security, wireless & voice software and applications) continues to gain momentum. Further, we believe customers are demanding more end-to-end, integrated networking solutions. To address this demand, we acquired the WLAN Business of Zebra in October 2016, the Campus Fabric Business from Avaya in July 2017, and the Data Center Business from Brocade in October 2017.

Our strategy, product portfolio and research and development are closely aligned with what we have identified as the following trends in our industry:

The software segment of the worldwide enterprise network equipment market has continued to evolve and demands for improvements in Network Management will continue.

We announced our Extreme Management Console in Fiscal 2017. This innovative software helps IT network administrators to navigate the unprecedented demands caused by the surge of IoT devices and technology. Enterprise adoption of the cloud and open-source options are disrupting traditional license and maintenance business models.

We announced cloud offerings in April 2016 and enhanced those offerings in 2017. Extreme began participation in the OpenSwitch program in May 2016 and now participates in the StackStorm community with the acquisition from Brocade in November 2017.

oEnterprise adoption of new financing solutions allows for increased flexibility, limited investment and zero long-term commitments. These offerings are changing the traditional CAPEX model to (OPEX) models using financing purchases over time are disrupting traditional sell-in business models.

We announced Extreme Capital Solutions in April 2018. The offering includes subscription, capital leasing and usage business models that provide flexibility for partners and customers.

Growth of wireless devices continues to outpace hardwire switch growth.

We announced our 802.11ac Wave 2 wireless offering in late 2015 and plans to continue to advance our wireless portfolio of indoor and outdoor access points.

The Extreme Strategy

We are focused on delivering end-to-end IP networking solutions for today's enterprise environments. From wireless and wired access technologies, through the campus, core and into the datacenter, Extreme is developing solutions to deliver outstanding business outcomes for our customers. Leveraging a unified management approach, both on premise and in the cloud, we continue to accelerate adoption and delivery of new technologies in support of emerging trends in enterprise networking. We continue to execute on our growth objectives by maximizing customer, partner, and shareholder value.

In fiscal 2017, we completed the acquisition of the WLAN Business from Zebra. In fiscal 2018, we completed the acquisitions of the Campus Fabric Business from Avaya and the Data Center Business from Brocade. These acquisitions support our growth strategy to lead the enterprise network equipment market with end-to-end software-driven solutions for enterprise customers from the data center to the wireless edge. After the closing of the

acquisitions of the Campus Fabric Business and Data Center Business, Extreme immediately became a networking industry leader with more than 30,000 customers. As a network switching leader in enterprise, datacenter and cloud, after closing of the Campus Fabric Business, we combine and extend our world-class products and technologies to provide customers with some of the most advanced, high performance and open solutions in the market as well as a superb overall customer experience. The combination of Extreme, the Campus Fabric Business and the Data Center Business is significant in that it brings together distinct strengths addressing the key areas of the network, from unified wired and wireless edge, to the enterprise core, to the data center and cloud to offer a complete, unified portfolio of software-driven network access solutions.

Provider of high quality, software-driven, secure networking solutions and the industry's #1 customer support organization

Only multi-vendor network management with "single pane of glass".