

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: 1-36254

**Avid Technology, Inc.**

(Exact Name of Registrant as Specified in Its Charter)

**Delaware**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**04-2977748**  
(I.R.S. Employer  
Identification No.)

**75 Network Drive**  
**Burlington, Massachusetts 01803**  
(Address of Principal Executive Offices, Including Zip Code)

**(978) 640-6789**  
(Registrant's Telephone Number, Including Area Code)

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

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

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

Large Accelerated Filer   
Non-accelerated Filer

Accelerated Filer   
Smaller Reporting Company   
Emerging growth company

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

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

The number of shares outstanding of the registrant's Common Stock, par value \$0.01, as of November 2, 2018 was 41,852,649.

**AVID TECHNOLOGY, INC.**  
**FORM 10-Q**  
**FOR THE QUARTERLY PERIOD ENDED SEPTEMBER 30, 2018**

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## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q (“Form 10-Q”) includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. For this purpose, any statements contained in this Form 10-Q that relate to future results or events are forward-looking statements. Forward-looking statements may be identified by use of forward-looking words, such as “anticipate,” “believe,” “confidence,” “could,” “estimate,” “expect,” “feel,” “intend,” “may,” “plan,” “should,” “seek,” “will” and “would,” or similar expressions.

Forward-looking statements may involve subjects relating to, among others, the following:

- our ability to successfully implement our strategy, including our cost saving strategies;
  - the anticipated trends and developments in our markets and the success of our products in these markets;
  - our ability to develop, market and sell new products and services;
  - our business strategies and market positioning;
  - our ability to achieve our goal of expanding our market positions;
  - anticipated trends relating to our sales, financial condition or results of operations, including our shift to a recurring revenue model and complex enterprise sales with elongated sales cycles;
  - the expected timing of recognition of revenue backlog as revenue, and the timing of recognition of revenues from subscription offerings;
  - our ability to successfully consummate acquisitions or investment transactions and successfully integrate acquired businesses;
  - our anticipated benefits and synergies from, and the anticipated financial impact of, any acquired business;
  - the anticipated performance of our products;
  - changes in inventory levels;
  - plans regarding repatriation of foreign earnings;
  - the outcome, impact, costs and expenses of any litigation or government inquiries to which we are or become subject;
  - the effect of the continuing worldwide macroeconomic uncertainty on our business and results of operations, including Brexit;
  - our ability to accelerate growth of our Cloud-enabled platform;
  - our compliance with covenants contained in the agreements governing our indebtedness;
  - our ability to service our debt and meet the obligations thereunder, including our ability to satisfy our conversion and repurchase obligations under our convertible notes due 2020;
  - seasonal factors;
  - fluctuations in foreign exchange and interest rates;
  - the risk of restatement of our financial statements;
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- estimated asset and liability values and amortization of our intangible assets;
- our capital resources and the adequacy thereof; and
- worldwide political uncertainty, in particular the risk that the United States may withdraw from or materially modify NAFTA or other international trade agreements.

Actual results and events in future periods may differ materially from those expressed or implied by forward-looking statements in this Form 10-Q. There are a number of factors that could cause actual events or results to differ materially from those indicated or implied by forward-looking statements, many of which are beyond our control, including the risk factors discussed herein and in Item 1 A of our Annual Report on Form 10-K for the year ended December 31, 2017, in Part II and in other documents we file from time to time with the U.S. Securities and Exchange Commission (“SEC”). In addition, the forward-looking statements contained in this Form 10-Q represent our estimates only as of the date of this filing and should not be relied upon as representing our estimates as of any subsequent date. While we may elect to update these forward-looking statements in the future, we specifically disclaim any obligation to do so, whether to reflect actual results, changes in assumptions, changes in other factors affecting such forward-looking statements or otherwise.

We own or have rights to trademarks and service marks that we use in connection with the operation of our business. Avid is a trademark of Avid Technology, Inc. Other trademarks, logos, and slogans registered or used by us and our subsidiaries in the United States and other countries include, but are not limited to, the following: Avid Everywhere, Avid NEXIS, AirSpeed, EUCON, iNEWS, Interplay, MediaCentral, Mbox, Media Composer, NewsCutter, Nitris, Pro Tools, Sibelius and Symphony. Other trademarks appearing in this Form 10-Q are the property of their respective owners.

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PART I - FINANCIAL INFORMATION

ITEM 1. CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

AVID TECHNOLOGY, INC.  
 CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
 (in thousands except per share data, unaudited)

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2018	2017	2018	2017
<b>Net revenues:</b>				
Products	\$ 52,133	\$ 54,319	\$ 144,922	\$ 152,980
Services	51,913	50,946	155,676	158,765
Total net revenues	104,046	105,265	300,598	311,745
<b>Cost of revenues:</b>				
Products	27,042	29,485	79,684	80,478
Services	14,443	13,472	42,414	41,747
Amortization of intangible assets	1,950	1,950	5,850	5,850
Total cost of revenues	43,435	44,907	127,948	128,075
<b>Gross profit</b>	<b>60,611</b>	<b>60,358</b>	<b>172,650</b>	<b>183,670</b>
<b>Operating expenses:</b>				
Research and development	15,873	16,025	47,543	51,904
Marketing and selling	23,461	25,652	77,352	80,481
General and administrative	13,660	15,193	41,656	43,268
Amortization of intangible assets	363	362	1,089	1,088
Restructuring costs, net	226	(582)	3,401	6,464
Total operating expenses	53,583	56,650	171,041	183,205
<b>Operating income</b>	<b>7,028</b>	<b>3,708</b>	<b>1,609</b>	<b>465</b>
Interest and other expense, net	(5,725)	(4,701)	(17,362)	(13,465)
<b>Income (loss) before income taxes</b>	<b>1,303</b>	<b>(993)</b>	<b>(15,753)</b>	<b>(13,000)</b>
Provision for (benefit from) income taxes	425	(1,065)	824	(326)
<b>Net income (loss)</b>	<b>\$ 878</b>	<b>\$ 72</b>	<b>\$ (16,577)</b>	<b>\$ (12,674)</b>
Net income (loss) per common share – basic and diluted	\$0.02	\$0.00	\$(0.40)	\$(0.31)
Weighted-average common shares outstanding – basic	41,792	41,133	41,596	40,954
Weighted-average common shares outstanding – diluted	42,226	41,355	41,596	40,954

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

**AVID TECHNOLOGY, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)**  
(in thousands, unaudited)

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2018	2017	2018	2017
<b>Net income (loss)</b>	\$ 878	\$ 72	\$ (16,577)	\$ (12,674)
<b>Other comprehensive income:</b>				
Foreign currency translation adjustments	86	2,014	(970)	6,803
<b>Comprehensive income (loss)</b>	<u>\$ 964</u>	<u>\$ 2,086</u>	<u>\$ (17,547)</u>	<u>\$ (5,871)</u>

*The accompanying notes are an integral part of the condensed consolidated financial statements.*

**AVID TECHNOLOGY, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(in thousands, unaudited)

	September 30, 2018	December 31, 2017
<b><u>ASSETS</u></b>		
<b>Current assets:</b>		
Cash and cash equivalents	\$ 50,460	\$ 57,223
Restricted cash	8,500	—
Accounts receivable, net of allowances of \$1,268 and \$11,142 at September 30, 2018 and December 31, 2017, respectively (Note 1)	50,998	40,134
Inventories	32,111	38,421
Prepaid expenses	9,453	8,208
Contract assets	17,147	—
Other current assets	6,890	10,341
<b>Total current assets</b>	<b>175,559</b>	<b>154,327</b>
Property and equipment, net	19,350	21,903
Intangible assets, net	6,745	13,682
Goodwill	32,643	32,643
Long-term deferred tax assets, net	1,282	1,318
Other long-term assets	11,466	10,811
<b>Total assets</b>	<b>\$ 247,045</b>	<b>\$ 234,684</b>
<b><u>LIABILITIES AND STOCKHOLDERS' DEFICIT</u></b>		
<b>Current liabilities:</b>		
Accounts payable	\$ 33,593	\$ 30,160
Accrued compensation and benefits	21,666	25,466
Accrued expenses and other current liabilities	37,865	31,549
Income taxes payable	2,182	1,815
Short-term debt	1,401	5,906
Deferred revenue	73,935	121,184
<b>Total current liabilities</b>	<b>170,642</b>	<b>216,080</b>
Long-term debt	229,429	204,498
Long-term deferred revenue	14,289	73,429
Other long-term liabilities	6,820	9,247
<b>Total liabilities</b>	<b>421,180</b>	<b>503,254</b>
<b>Commitments and contingencies (Note 7)</b>		
<b>Stockholders' deficit:</b>		
Common stock	423	423
Additional paid-in capital	1,028,468	1,035,808
Accumulated deficit	(1,192,913)	(1,284,703)
Treasury stock at cost	(6,717)	(17,672)
Accumulated other comprehensive loss	(3,396)	(2,426)
<b>Total stockholders' deficit</b>	<b>(174,135)</b>	<b>(268,570)</b>
<b>Total liabilities and stockholders' deficit</b>	<b>\$ 247,045</b>	<b>\$ 234,684</b>

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

**AVID TECHNOLOGY, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(in thousands, unaudited)

	Nine Months Ended September 30,	
	2018	2017 <sup>(1)</sup>
<b>Cash flows from operating activities:</b>		
Net loss	\$ (16,577)	\$ (12,674)
Adjustments to reconcile net loss to net cash (used in) provided by operating activities:		
Depreciation and amortization	15,905	16,932
Provision for (recovery from) doubtful accounts	61	(158)
Stock-based compensation expense	4,331	5,874
Non-cash provision for restructuring	1,083	3,191
Non-cash interest expense	8,697	7,255
Unrealized foreign currency transaction (gains) losses	(794)	6,885
Provision for (benefit from) deferred taxes	6	(925)
Changes in operating assets and liabilities:		
Accounts receivable	10,129	2,877
Inventories	294	9,542
Prepaid expenses and other assets	3,724	(3,958)
Accounts payable	3,467	2,065
Accrued expenses, compensation and benefits and other liabilities	(12,453)	543
Income taxes payable	423	(161)
Deferred revenue and contract assets	(22,544)	(31,185)
<b>Net cash (used in) provided by operating activities</b>	<b>(4,248)</b>	<b>6,103</b>
<b>Cash flows from investing activities:</b>		
Purchases of property and equipment	(7,540)	(6,125)
Increase in other long-term assets	(25)	(24)
<b>Net cash used in investing activities</b>	<b>(7,565)</b>	<b>(6,149)</b>
<b>Cash flows from financing activities:</b>		
Proceeds from long-term debt	22,688	912
Repayment of debt	(7,808)	(3,750)
Proceeds from the issuance of common stock under employee stock plans	266	219
Common stock repurchases for tax withholdings for net settlement of equity awards	(957)	(732)
<b>Net cash provided by (used in) financing activities</b>	<b>14,189</b>	<b>(3,351)</b>
Effect of exchange rate changes on cash, cash equivalents and restricted cash	(358)	753
Net increase (decrease) in cash, cash equivalents and restricted cash	2,018	(2,644)
Cash, cash equivalents and restricted cash at beginning of period	60,433	49,948
Cash, cash equivalents and restricted cash at end of period	\$ 62,451	\$ 47,304
<b>Supplemental information:</b>		
Cash and cash equivalents	\$ 50,460	\$ 44,094
Restricted cash	8,500	—
Restricted cash included in other long-term assets	3,491	3,210
Total cash, cash equivalents and restricted cash shown in the statement of cash flows	\$ 62,451	\$ 47,304
Cash (refunded) paid for income taxes	\$ (2,268)	\$ 463
Cash paid for interest	\$ 9,024	\$ 7,406

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

(1) The Condensed Consolidated Statement of Cash Flows for the nine months ended September 30, 2017 has been revised to reflect the adoption, on January 1, 2018, of ASU 2016-18, Statement of Cash Flows (Topic 230): Restricted Cash. The Condensed Consolidated Statements of Cash Flows reflects the changes during the periods in the total of cash, cash equivalents, and restricted cash. Therefore, restricted cash activity is included with cash when reconciling the beginning-of-period and end-of-period total amounts shown. Refer to Note 1 for further discussion.



**AVID TECHNOLOGY, INC.**  
**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**

**1. FINANCIAL INFORMATION**

The accompanying condensed consolidated financial statements include the accounts of Avid Technology, Inc. and its wholly owned subsidiaries (collectively, “we” or “our”). These financial statements are unaudited. However, in the opinion of management, the condensed consolidated financial statements reflect all normal and recurring adjustments necessary for their fair statement. Interim results are not necessarily indicative of results expected for any other interim period or a full year. We prepared the accompanying unaudited condensed consolidated financial statements in accordance with the instructions for Form 10-Q and, therefore, include all information and footnotes necessary for a complete presentation of operations, comprehensive income (loss), financial position and cash flows in conformity with accounting principles generally accepted in the United States of America (“U.S. GAAP”). The accompanying condensed consolidated balance sheet as of December 31, 2017 was derived from our audited consolidated financial statements and does not include all disclosures required by U.S. GAAP for annual financial statements. We filed audited consolidated financial statements as of and for the year ended December 31, 2017 in our Annual Report on Form 10-K for the year ended December 31, 2017, which included information and footnotes necessary for such presentation. The financial statements contained in this Form 10-Q should be read in conjunction with the audited consolidated financial statements in our Annual Report on Form 10-K for the year ended December 31, 2017.

Our preparation of condensed consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the dates of the condensed consolidated financial statements and the reported amounts of revenues and expenses during the reported periods. Actual results could differ from our estimates.

***Subsequent Events***

We evaluated subsequent events through the date of issuance of these financial statements and no other subsequent events required recognition or disclosure in these financial statements.

***Significant Accounting Policies - Revenue Recognition***

We enter into contracts with customers that include various combinations of products and services, which are typically capable of being distinct and are accounted for as separate performance obligations. The Company accounts for a contract when (i) it has approval and commitment from both parties, (ii) the rights of the parties have been identified, (iii) payment terms have been identified, (iv) the contract has commercial substance and (v) collectability is probable. We recognize revenue upon transfer of control of promised products or services to customers, which typically occurs upon shipment or delivery depending on the terms of the underlying contracts, in an amount that reflects the consideration we expect to receive in exchange for those products or services.

See Note 9 for disaggregated revenue schedules and further discussion on revenue and deferred revenue performance obligations and the timing of revenue recognition.

We often enter into contractual arrangements that have multiple performance obligations, one or more of which may be delivered subsequent to the delivery of other performance obligations. These arrangements may include a combination of products, support, training and professional services. We allocate the transaction price of the arrangement based on the relative estimated standalone selling price (“SSP”) of each distinct performance obligation.

Our process for determining SSP for each performance obligation involves significant management judgment. In determining SSP, we maximize observable inputs and consider a number of data points, including:

- the pricing of standalone sales (in the instances where available);
- the pricing established by management when setting prices for deliverables that are intended to be sold on a standalone basis;
- contractually stated prices for deliverables that are intended to be sold on a standalone basis;

- other pricing factors, such as the geographical region in which the products are sold and expected discounts based on the customer size and type.

Determining SSP for performance obligations which we never sell separately also requires significant judgment. In estimating the SSP, we consider the likely price that would have resulted from established pricing practices had the deliverable been offered separately and the prices a customer would likely be willing to pay.

We only include estimated amounts in the transaction price to the extent it is probable that a significant reversal of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is resolved. We reduce transaction prices for estimated returns and other allowances that represent variable consideration under Accounting Standards Codification (“ASC”) Topic 606, which we estimate based on historical return experience and other relevant factors, and record a corresponding refund liability as a component of accrued expenses and other current liabilities. Other forms of contingent revenue or variable consideration are infrequent.

While not a common practice for us, in the event we grant the customer the option to acquire additional products or services in an arrangement, we consider if the option provides a material right to the customer that it would not receive without entering into the contract (e.g., an incremental discount compared to the range of discounts typically given for similar products or services). If a material right is deemed to exist, we account for the option as a distinct performance obligation and recognize revenue when those future products or services are transferred or when the option expires.

We also record as revenue all amounts billed to customers for shipping and handling costs and record the actual shipping costs as a component of cost of revenues. Reimbursements received from customers for out-of-pocket expenses are recorded as revenues, with related costs recorded as cost of revenues. We present revenues net of any taxes collected from customers and remitted to government authorities.

We apply the practical expedient to not adjust the transaction price for the effects of a significant financing component when we expect that the period between when we transfer a good or service to a customer and when the customer pays for that good or service will be one year or less. Payments under our contracts are typically due within a short period from when our performance obligations are satisfied.

We apply the practical expedient for the deferral of sales commissions and other contract acquisition costs, which are expensed as incurred, where the amortization period would be one year or less.

#### ***Recently Adopted Accounting Pronouncements***

On January 1, 2018, we adopted ASC Topic 606, *Revenue from Contracts with Customers* (“ASC 606”), using the modified retrospective method applied to contracts not completed as of January 1, 2018. Results for reporting periods beginning after January 1, 2018 are presented under ASC 606, while prior period amounts are not adjusted and continue to be reported in accordance with our historic accounting under ASC 605. We recorded a net reduction to opening accumulated deficit of approximately \$108 million as of January 1, 2018 due to the cumulative impact of adopting ASC 606. The primary impact of ASC 606 that resulted in a significant decrease in deferred revenue is that vendor specific objective evidence of fair value is no longer required to recognize revenue for distinct software products upon delivery, which allows recognition upon delivery rather than on a ratable basis over a period of time.

A summary of the changes to balance sheet line items that resulted from the adoption of ASC 606 as of January 1, 2018 is as follows (in thousands):

	As of January 1, 2018		
	As Previously Reported	Impact of Adoption of Topic 606 <sup>(5)(6)</sup>	As Adjusted <sup>(6)</sup>
<b>Assets:</b>			
Accounts receivable, net <sup>(1)</sup>	\$ 40,134	\$ 21,088	\$ 61,222
Contract assets <sup>(2)</sup>	—	6,579	6,579
Inventory <sup>(3)</sup>	38,421	(5,716)	32,705
Other long-term assets	10,811	865	11,676
Total assets	\$ 234,684	\$ 22,816	\$ 257,500
<b>Liabilities:</b>			
Accrued expenses and other current liabilities <sup>(1)</sup>	\$ 31,549	\$ 11,139	\$ 42,688
Deferred revenue (current portion) <sup>(4)</sup>	121,184	(41,611)	79,573
Long-term deferred revenue <sup>(4)</sup>	73,429	(55,079)	18,350
Total liabilities	\$ 503,254	\$ (85,551)	\$ 417,703
<b>Stockholders' deficit:</b>			
Accumulated deficit	(1,284,703)	108,367	(1,176,336)
Total stockholders' deficit	\$ (268,570)	\$ 108,367	\$ (160,203)

- (1) The increase in accounts receivable and accrued expenses and other current liabilities is due to the reclassification of allowances for sales returns, rebates and other adjustments to selling prices that are considered variable consideration under ASC 606 and are now presented as a liability on our balance sheet. Accounts receivable also increased due to advanced contractual support billings now being recorded on a gross basis in accounts receivable when it is due, rather than being net against corresponding unamortized deferred revenue.
- (2) For subscription contracts, we are now required under ASC 606 to record contract assets for annual and multi-year subscriptions that are billed monthly, resulting in an increase in contract assets at the date of adoption. In addition, some of our enterprise agreements have fixed payment schedules whereas the timing of the fulfillment of performance obligations under the contracts can vary, which can result in the fulfillment of performance obligations exceeding contract billings, which also results in contract assets.
- (3) The reduction is due to inventory and deferred costs that were directly attributable to deferred revenue transactions that were reduced or eliminated due to the adoption of ASC 606 (as described in footnote 4 below), necessitating the elimination of corresponding inventory and deferred costs associated with those deferred revenue transactions.
- (4) The reduction is primarily attributable to the elimination of the requirement to have vendor specific objective evidence of fair value for undelivered elements that existed under ASC 985, the prior applicable accounting guidance, for software products, which no longer precludes revenue recognition under ASC 606.
- (5) See Note 9 for a further description of the components of revenue and related performance obligations under ASC 606 that resulted in cumulative changes to balance sheet accounts as a result of the adoption of ASC 606.
- (6) The impact of the adoption of ASC 606 reported in our Form 10-Q for the three months ended March 31, 2018 has been revised in this filing to reflect an additional reduction to deferred revenue and accumulated deficit as of January 1, 2018 of \$3.8 million.

The adoption of Topic 606, as compared to legacy U.S. GAAP required for revenue recognition, did not have a significant impact on revenue or net loss for the three and nine months ended September 30, 2018. The impact of ASC 606 to balance sheet line items as of September 30, 2018, after reflecting the opening balance sheet adjustments described in detail above, was not material. There was no tax impact associated with the adoption because our deferred tax assets related to deferred revenue have a full valuation allowance.

In March 2018, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”), No. 2018-05, *Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin (“SAB”) No. 118*. The guidance amends SEC paragraphs in ASC 740, Income Taxes, to reflect and codify SAB No. 118, which provides guidance for companies that are not able to complete their accounting for the income tax effects of the Tax Cuts and Jobs Act in the period of enactment. The ASU became effective upon issuance. We had applied SAB 118 upon the original issuance in December, 2017 prior to the codification in ASC 740. See discussion below regarding the status of our accounting for the impacts of the Tax Cuts and Jobs Act (TCJA).

On December 22, 2017, the Tax Cuts and Jobs Act (“TCJA”) was signed into law. The TCJA changed many aspects of U.S. corporate income taxation and included reduction of the corporate income tax rate from 35% to 21%, implementation of a territorial tax system and imposition of a tax on deemed repatriated earnings of foreign subsidiaries. The TCJA was effective as of December 31, 2017 and at that time we made a reasonable estimate of the effects on our existing deferred tax balances and the one-time transition tax. As of September 30, 2018, we have completed our accounting for the tax effects of the TCJA and there were no material changes to the estimated amounts that were recorded as of December 31, 2017. The global intangible low-taxed income (GILTI) provisions of the TCJA impose a tax on foreign income in excess of a deemed return on tangible assets of foreign corporations. Under U.S. GAAP, we can make an accounting policy choice of either (1) treating taxes due on future U.S. inclusions in taxable income related to GILTI as a current-period expense when incurred (the “period cost method”) or (2) factoring such amounts into the measurement of our deferred taxes (the “deferred method”). During the quarter ended September 30, 2018 the Company has made a policy election to record tax effects of GILTI as an expense in the period incurred.

In August 2016, the FASB issued ASU No. 2016-15, *Statement of Cash Flow (Topic 230)*. The guidance reduces diversity in how certain cash receipts and cash payments are presented and classified in the Statements of Cash Flows. Certain of ASU No. 2016-15 requirements are as follows: (i) cash payments for debt prepayment or debt extinguishment costs should be classified as cash outflows for financing activities, (ii) contingent consideration payments made soon after a business combination should be classified as cash outflows for investing activities and cash payment made thereafter should be classified as cash outflows for financing up to the amount of the contingent consideration liability recognized at the acquisition date with any excess classified as operating activities, (iii) cash proceeds from the settlement of insurance claims should be classified on the basis of the nature of the loss, (iv) cash proceeds from the settlement of Corporate-Owned Life Insurance, or COLI, Policies should be classified as cash inflows from investing activities and cash payments for premiums on COLI policies may be classified as cash outflows for investing activities, operating activities, or a combination of investing and operating activities and (v) cash paid to a tax authority by an employer when withholding shares from an employee's award for tax-withholding purposes should be classified as cash outflows for financing activities. We adopted the guidance on January 1, 2018. The adoption of ASU 2016-15 had no material impact on our consolidated financial statements.

In October 2016, the FASB issued ASU No. 2016-16, *Income Taxes (Topic 740)*. The guidance requires companies to recognize the income tax effects of intercompany sales and transfers of assets, other than inventory, in the income statement as income tax expense (or benefit) in the period in which the transfer occurs. We adopted the guidance on January 1, 2018. The adoption of ASU 2016-16 had no impact on our consolidated financial statements.

In November 2016, the FASB issued ASU No. 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash*. The guidance requires companies to show the changes in the total of cash, cash equivalents, restricted cash and restricted cash equivalents in the statement of cash flows. As a result, companies will no longer present transfers between cash and cash equivalents and restricted cash and restricted cash equivalents in the statement of cash flows. When cash, cash equivalents, restricted cash and restricted cash equivalents are presented in more than one line item on the balance sheet, a reconciliation of the totals in the statement of cash flows to the related captions in the balance sheet is required. We adopted the guidance on January 1, 2018. The adoption of ASU 2016-18 had no material impact on our consolidated financial statements. Restricted cash amounts, presented within the statements of financial position and cash flows, are cash collateralized letters of credit that are used as security deposits in connection with our facility leases and operations.

In August 2018, the FASB issued ASU No. 2018-15, *Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract*, which aligns the accounting for costs incurred to implement a cloud computing arrangement (CCA) that is a service arrangement with ASC 350 on capitalizing costs associated with developing or obtaining internal-use software. Specifically, the ASU amends ASC 350 to include in its scope implementation costs of a CCA that is a service contract and clarifies that a customer should apply ASC 350-40 to determine which implementation costs should be capitalized in a CCA that is considered a service contract. ASU 2018-15 is effective for fiscal years, and interim periods within those years, beginning after December 15, 2019, and early adoption is permitted. We have been applying ASC 350-40 to determine which implementation costs should be capitalized in a CCA that is a service contract during 2017 and 2018. The early adoption of ASU 2018-15 has no impact on our consolidated financial statements.

#### ***Recent Accounting Pronouncements to be Adopted***

On February 25, 2016, the FASB issued ASU No. 2016-02, *Leases (Topic 842)*. The guidance requires an entity to recognize virtually all of their leases on the balance sheet, by recording a right-of-use asset and lease liability. The new guidance becomes effective for us on January 1, 2019, and early adoption is permitted upon issuance. On July 30, 2018, the FASB

issued ASU 2018-11 to provide entities with relief from the costs of implementing certain aspects of the new leasing standard, ASU 2016-02 (codified as ASC 842). Specifically, under the amendments in ASU 2018-11, entities may elect not to recast the comparative periods presented when transitioning to ASC 842. The transition relief amendments apply to entities that have not yet adopted ASC 842. We intend to adopt the standard beginning in fiscal 2019 using the modified retrospective transition approach, specifically, using the alternative transition method provided by ASU 2018-11. While we are still in the process of evaluating the impact of this new accounting standard, we expect the impact will be material to the statement of financial position, and not material to the statements of operations and cash flows.

In August 2018, the SEC adopted the final rule under SEC Release No. 33-10532, *Disclosure Update and Simplification*, amending certain disclosure requirements that were redundant, duplicative, overlapping, outdated or superseded. In addition, the amendments expanded the disclosure requirements on the analysis of stockholders' equity for interim financial statements. The amendments are effective for all filings made on or after November 5, 2018. However, the SEC staff has provided an extended transition period for companies to comply with the new interim disclosure requirement to provide a reconciliation of changes in shareholders' equity (either in a separate statement or note to the financial statements). The extended transition period allows us to first present the reconciliation of changes in shareholders' equity in our Form 10-Q for the first quarter ended March 31, 2019. We do not expect the adoption of this standard to have a material impact on our consolidated financial statements.

## 2. NET INCOME PER SHARE

Net income per common share is presented for both basic income per share ("Basic EPS") and diluted income per share ("Diluted EPS"). Basic EPS is based on the weighted-average number of common shares outstanding during the period. Diluted EPS is based on the weighted-average number of common shares and common share equivalents outstanding during the period.

The potential common shares that were considered anti-dilutive securities were excluded from the diluted earnings per share calculations for the relevant periods either because the sum of the exercise price per share and the unrecognized compensation cost per share was greater than the average market price of our common stock for the relevant period, or because they were considered contingently issuable. The contingently issuable potential common shares result from certain stock options and restricted stock units granted to our employees that vest based on performance conditions, market conditions, or a combination of performance and market conditions.

The following table sets forth (in thousands) potential common shares that were considered anti-dilutive securities at September 30, 2018 and 2017.

	September 30, 2018	September 30, 2017
Options	916	2,334
Non-vested restricted stock units	3,009	3,289
Anti-dilutive potential common shares	3,925	5,623

On June 15, 2015, we issued \$125.0 million aggregate principal amount of our 2.00% Convertible Senior Notes due 2020, or the Notes. The Notes are convertible into cash, shares of our common stock or a combination of cash and shares of common stock, at our election, based on an initial conversion rate, subject to adjustment. In connection with the offering of the Notes, we entered into a capped call transaction, or Capped Call, with a third party. We use the treasury stock method in computing the dilutive impact of the Notes. The Notes are convertible into shares of our common stock but our stock price was less than the conversion price as of September 30, 2018 and 2017, and, therefore, the Notes are excluded from Diluted EPS. The Capped Call is not reflected in diluted net income per share as it will always be anti-dilutive.

## 3. FAIR VALUE MEASUREMENTS

### *Assets Measured at Fair Value on a Recurring Basis*

We measure deferred compensation investments on a recurring basis. As of September 30, 2018 and December 31, 2017, our deferred compensation investments were classified as either Level 1 or Level 2 in the fair value hierarchy. Assets valued using quoted market prices in active markets and classified as Level 1 are money market and mutual funds. Assets valued based on other observable inputs and classified as Level 2 are insurance contracts.

The following tables summarize our deferred compensation investments measured at fair value on a recurring basis (in thousands):

	September 30, 2018	Fair Value Measurements at Reporting Date Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Financial assets:				
Deferred compensation assets	\$ 1,424	\$ 426	\$ 998	\$ —

	December 31, 2017	Fair Value Measurements at Reporting Date Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Financial assets:				
Deferred compensation assets	\$ 1,743	\$ 484	\$ 1,259	\$ —

#### *Financial Instruments Not Recorded at Fair Value*

The carrying amounts of our other financial assets and liabilities including cash, accounts receivable, accounts payable and accrued liabilities approximate their respective fair values because of the relatively short period of time between their origination and their expected realization or settlement. As of September 30, 2018, the net carrying amount of the Notes was \$106.3 million, and the fair value of the Notes was approximately \$105.6 million based on open market trading activity, which constitutes a Level 1 input in the fair value hierarchy.

#### **4. INVENTORIES**

Inventories consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Raw materials	\$ 10,767	\$ 11,217
Work in process	376	397
Finished goods	20,968	26,807
Total	<u>\$ 32,111</u>	<u>\$ 38,421</u>

As of September 30, 2018 and December 31, 2017, finished goods inventory included \$1.9 million and \$8.2 million, respectively, associated with products shipped to customers and deferred labor costs for arrangements where revenue recognition had not yet commenced. As discussed in Note 1, \$5.7 million of inventory was eliminated upon the adoption of ASC 606 on January 1, 2018 as such inventory was directly attributable to deferred revenue transactions that were also eliminated upon adoption.

## 5. INTANGIBLE ASSETS AND GOODWILL

Amortizing identifiable intangible assets related to our acquisitions or capitalized costs of internally developed or externally purchased software that form the basis for our products consisted of the following (in thousands):

	September 30, 2018			December 31, 2017		
	Gross	Accumulated Amortization	Net	Gross	Accumulated Amortization	Net
Completed technologies and patents	\$ 58,425	\$ (52,738)	\$ 5,687	\$ 58,609	\$ (47,072)	\$ 11,537
Customer relationships	54,863	(53,805)	1,058	54,946	(52,801)	2,145
Trade names	1,346	(1,346)	—	1,346	(1,346)	—
Capitalized software costs	4,911	(4,911)	—	4,911	(4,911)	—
Total	<u>\$ 119,545</u>	<u>\$ (112,800)</u>	<u>\$ 6,745</u>	<u>\$ 119,812</u>	<u>\$ (106,130)</u>	<u>\$ 13,682</u>

Amortization expense related to all intangible assets in the aggregate was \$2.3 million for both the three months ended September 30, 2018 and 2017, and \$6.9 million for both the nine months ended September 30, 2018 and 2017. We expect amortization of acquired intangible assets to be \$2.3 million for the remainder of 2018 and \$4.4 million in 2019.

The acquisition of Orad in 2015 resulted in goodwill of \$32.6 million as of September 30, 2018 and December 31, 2017.

## 6. OTHER LONG-TERM LIABILITIES

Other long-term liabilities consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Deferred rent	\$ 1,378	\$ 2,970
Accrued restructuring	218	731
Deferred compensation	5,224	5,546
Total	<u>\$ 6,820</u>	<u>\$ 9,247</u>

## 7. COMMITMENTS AND CONTINGENCIES

### Commitments

We entered into a long-term agreement to purchase a variety of information technology solutions from a third party in the second quarter of 2017, which included an unconditional commitment to purchase a minimum of \$12.8 million of products and services over the initial three-year term of the agreement. We have purchased \$4.0 million pursuant to this agreement as of September 30, 2018 to develop Azure certified solutions.

We have letters of credit that are used as security deposits in connection with our leased Burlington, Massachusetts office space. In the event of default on the underlying leases, the landlords would, at September 30, 2018, be eligible to draw against the letters of credit to a maximum of \$1.3 million in the aggregate. The letters of credit are subject to aggregate reductions provided we are not in default under the underlying leases and meet certain financial performance conditions. In no case will the letters of credit amounts be reduced to below \$1.2 million in the aggregate throughout the lease periods, all of which extend to May 2020.

We also have letters of credit in connection with security deposits for other facility leases totaling \$1.1 million in the aggregate, as well as letters of credit totaling \$1.4 million that otherwise support our ongoing operations. These letters of credit have various terms and expire during 2018 and beyond, while some of the letters of credit may automatically renew based on the terms of the underlying agreements.

We issued a letter of credit totaling \$8.5 million to one of our sole-source suppliers in February 2018. The supplier is eligible to draw on the letter of credit in the event that we are insolvent or unable to pay on our purchase orders for certain key hardware components of our product. The letter of credit is valid for one year from its issuance date, and may automatically renew based on the terms of the underlying agreement.

### ***Contingencies***

Our industry is characterized by the existence of a large number of patents and frequent claims and litigation regarding patent and other intellectual property rights. In addition to the legal proceedings described below, we are involved in legal proceedings from time to time arising from the normal course of business activities, including claims of alleged infringement of intellectual property rights and contractual, commercial, employee relations, product or service performance, or other matters. We do not believe these matters will have a material adverse effect on our financial position or results of operations. However, the outcome of legal proceedings and claims brought against us is subject to significant uncertainty. Therefore, our financial position or results of operations may be negatively affected by the unfavorable resolution of one or more of these proceedings for the period in which a matter is resolved. Our results could be materially adversely affected if we are accused of, or found to be, infringing third parties' intellectual property rights.

In November 2016, a purported securities class action lawsuit was filed in the U.S. District Court for the District of Massachusetts (*Mohanty v. Avid Technology, Inc. et al.*, No. 16-cv-12336) against us and certain of our executive officers seeking unspecified damages and other relief on behalf of a purported class of purchasers of our common stock between August 4, 2016 and November 9, 2016, inclusive. The complaint purported to state a claim for violation of federal securities laws as a result of alleged violations of Sections 10(b) and 20(a) of the Exchange Act and Rule 10b-5 promulgated thereunder. The complaint's allegations relate generally to our disclosure surrounding the level of implementation of our Avid NEXIS solution product offerings. On February 7, 2017, the Court appointed a lead plaintiff and counsel in the matter. On June 14, 2017, we moved to dismiss the action. On July 31, 2017, the lead plaintiff filed an opposition to our motion to dismiss, and on August 21, 2017, we filed our reply brief. On October 13, 2017, after a mediation, the parties reached an agreement in principle to settle this litigation. The settlement was approved by the court and the settlement payment was made by our insurers in May 2018.

Following the termination of our former Chairman and Chief Executive Officer on February 25, 2018, we received a notice alleging that we breached the former employee's employment agreement. While we intend to defend any claim vigorously, when and if a claim is actually filed, we are currently unable to estimate an amount or range of any reasonably possible losses that could occur as a result of this matter.

We consider all claims on a quarterly basis and based on known facts assess whether potential losses are considered reasonably possible, probable and estimable. Based upon this assessment, we then evaluate disclosure requirements and whether to accrue for such claims in our condensed consolidated financial statements. We record a provision for a liability when it is both probable that a liability has been incurred and the amount of the loss can be reasonably estimated. These provisions are reviewed at least quarterly and adjusted to reflect the impacts of negotiations, settlements, rulings, advice of legal counsel and other information and events pertaining to a particular case.

At September 30, 2018 and as of the date of filing of these condensed consolidated financial statements, we believe that, other than as set forth in this note, no provision for liability nor disclosure is required related to any claims because: (a) there is no reasonable possibility that a loss exceeding amounts already recognized (if any) may be incurred with respect to such claim, (b) a reasonably possible loss or range of loss cannot be estimated; or (c) such estimate is immaterial.

Additionally, we provide indemnification to certain customers for losses incurred in connection with intellectual property infringement claims brought by third parties with respect to our products. These indemnification provisions generally offer perpetual coverage for infringement claims based upon the products covered by the agreement and the maximum potential amount of future payments we could be required to make under these indemnification provisions is theoretically unlimited. To date, we have not incurred material costs related to these indemnification provisions; accordingly, we believe the estimated fair value of these indemnification provisions is immaterial. Further, certain of our arrangements with customers include clauses whereby we may be subject to penalties for failure to meet certain performance obligations; however, we have not recorded any related material penalties to date.



We provide warranties on externally sourced and internally developed hardware. For internally developed hardware, and in cases where the warranty granted to customers for externally sourced hardware is greater than that provided by the manufacturer, we record an accrual for the related liability based on historical trends and actual material and labor costs. The following table sets forth the activity in the product warranty accrual account for the nine months ended September 30, 2018 and 2017 (in thousands):

	<b>Nine Months Ended September 30,</b>	
	<b>2018</b>	<b>2017</b>
Accrual balance at beginning of year	\$ 2,545	\$ 2,518
Accruals for product warranties	1,612	1,872
Costs of warranty claims	(1,802)	(1,897)
Accrual balance at end of period	<u>\$ 2,355</u>	<u>\$ 2,493</u>

The warranty accrual is included in the caption “accrued expenses and other current liabilities” in our condensed consolidated balance sheet.

## **8. RESTRUCTURING COSTS AND ACCRUALS**

In February 2016, we committed to a cost efficiency program that encompassed a series of measures intended to allow us to more efficiently operate in a leaner, more directed cost structure. These included reductions in our workforce, consolidation of facilities, transfers of certain business processes to lower cost regions, and reductions in other third-party services costs. The cost efficiency program was substantially complete as of December 31, 2017.

During the three and nine months ended September 30, 2018, we recorded restructuring charges of \$0.2 million and \$3.4 million, respectively. The restructuring charges for the nine months ended September 30, 2018 included \$1.7 million of severance costs, \$0.2 million of facility restructuring accrual adjustments, and \$1.1 million of leasehold improvement write-off resulting from the consolidation of our facilities in Burlington, Massachusetts,

During the three and nine months ended September 30, 2017, we recorded recoveries of \$0.6 million and restructuring charges of \$6.5 million, respectively. The restructuring charges for the nine months ended September 30, 2017 included \$1.2 million of severance costs and \$5.2 million of facility restructuring charges for the closure of certain excess facility space, including \$3.2 million of leasehold improvement write-offs.

## Restructuring Summary

The following table sets forth restructuring expenses recognized for the three and nine months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Employee	\$ 879	\$ (1,137)	\$ 1,734	\$ 1,225
Facility	(895)	735	177	3,364
Total facility and employee charges	(16)	(402)	1,911	4,589
Other	242	(180)	1,490	1,875
Total restructuring charges, net	\$ 226	\$ (582)	\$ 3,401	\$ 6,464

The following table sets forth the activity in the restructuring accruals for the nine months ended September 30, 2018 (in thousands):

	Employee	Facility	Total
Accrual balance as of December 31, 2017	\$ 1,998	\$ 2,479	\$ 4,477
Restructuring charges and revisions	1,734	177	1,911
Accretion	—	101	101
Cash payments	(2,369)	(2,257)	(4,626)
Foreign exchange impact on ending balance	5	1	6
Accrual balance as of September 30, 2018	\$ 1,368	\$ 501	\$ 1,869
Less: current portion	1,368	283	1,651
Long-term accrual balance as of September 30, 2018	\$ —	\$ 218	\$ 218

The employee restructuring accrual at September 30, 2018 represents severance costs to former employees that will be paid out within 12 months, and is, therefore, included in the caption “accrued expenses and other current liabilities” in our condensed consolidated balance sheets as of September 30, 2018.

The facility restructuring accrual at September 30, 2018 represents contractual lease payments, net of actual or estimated sublease income, on space vacated as part of our restructuring actions. The leases, and payments against the amounts accrued, extend through 2026 unless we are able to negotiate earlier terminations. Of the total facility restructuring balance, \$0.3 million is included in the caption “accrued expenses and other current liabilities” and \$0.2 million is included in the caption “other long-term liabilities” in our condensed consolidated balance sheet as of September 30, 2018.

## 9. REVENUE

### Revenue Components and Performance Obligations

#### Video Products and Solutions

We offer a wide range of video products and solutions in connection with our sales of storage and workflow solutions, our media management solutions and our video creative tools, which include our Media Composer, NEXIS, Airspeed, Maestro and Media Central product lines that consist of software licenses or integrated hardware and software solutions. We sell these products to customers under a contract or signed quote and payment terms are generally 30 to 60 days from delivery. Each individual product sold to a customer represents a distinct performance obligation for us and revenue is recognized at the point in time when control of the product transfers, which is typically when the product is shipped to the customer or, in the case of certain software licenses, when the software license term commences and is accessible by the customer.

## **Audio Products and Solutions**

We offer a wide range of audio products and solutions in connection with our sales of digital audio software and workstation solutions and our control surfaces, consoles and live-sound systems, which include our Pro Tools, Pro Tools HD, Pro Tools | S6, VENUE | S6L and Sibelius product lines that consist of software licenses or integrated hardware and software solutions. We sell these products to customers under a contract or signed quote and payment terms are generally 30 to 60 days from delivery. Each individual product sold to a customer represents a distinct performance obligation for us and revenue is recognized at the point in time when control of the product transfers, which is typically when the product is shipped to the customer or, in the case of certain software licenses, when the software license term commences and is accessible by the customer.

## **Subscription Services**

We offer subscription versions of many of our software products with monthly, annual and multi-year terms. While we are beginning to offer subscription versions for most of our product portfolio in connection with our cloud strategy, current subscription sales primarily consist of our Media Composer, Pro Tools and Sibelius offerings. We sell these products to customers under standard terms and conditions and payment is due upfront, except for webstore transactions which are billed monthly. Contract assets for annual and multi-year subscriptions billed monthly are recorded on our balance sheet upon customer commitment. Subscription services have several performance obligations, including a right to use the software and stand-ready performance obligations to (i) provide unspecified bug fixes and software enhancements, or Software Updates, and (ii) call support when and if needed. The estimated SSP of the right to use the licensed software is recognized at a point in time once control has been transferred and the customer has the ability to access the software. Stand-ready performance obligations related to Software Updates and call support are satisfied over time and revenue is recognized ratably over the term of the subscription.

## **Support Services**

We offer support contracts, which are typically annual, for our video and audio products. Support contracts for individual products are sold bundled with initial product offerings or as renewals once initial contracts have lapsed. Support contracts are also sold on an enterprise basis where a customer purchases support for all Avid products owned. Support contracts are provided under our standard terms and conditions and payment is due in advance of the support being provided. Support contracts include stand-ready performance obligations to provide (i) Software Updates, (ii) call support and (iii) hardware maintenance. Support contract performance obligations are satisfied over time and revenue is recognized ratably over the term of the support contract.

Historically, for many of our products, we had an ongoing practice of making when-and-if-available Software Updates available to customers free of charge for a period of time after initial sales to customers. The expectation created by this practice of providing free Software Updates represents an implied obligation of a form of post-contract customer support ("Implied PCS") which represents a performance obligation. While we have ceased providing Implied PCS on new product offerings, we continue to provide Implied PCS for older products that were predominately sold in prior years. Revenue attributable to Implied PCS performance obligations is recognized over time on a ratable basis over the period that Implied PCS is expected to be provided, which is typically six years.

## **Professional Services, Training and Other**

We sell a variety of professional services, training and other services that complement product and support offerings. Professional services consist primarily of standard configuration, commissioning (i.e., setting up equipment purchased) and on-air support (i.e., monitoring a customer's production environment available during initial system go-live, live sporting events, etc.) and providing customization services for some of our products. We also offer training and certification programs for many of our products and workflows. Other revenues include shipping and handling charges and reimbursable travel expenses. We sell professional services, training and other services under contracts, signed quote and, for larger projects, statements of work that outline the customer's specifications and requirements. Services are primarily sold on a time and materials basis, however, fixed fee arrangements are also executed from time to time. Payments are generally billed upon completion of the service or, for larger projects, on an installment basis as services are rendered.

While the nature of service deliverables can vary significantly, each service deliverable generally represents a distinct performance obligation and revenue is recognized over time, typically in proportion of the total hours incurred as a percentage of total estimated hours required to complete the project.

### Enterprise Agreements

From time to time, we enter into enterprise wide agreements whereby the customer agrees to purchase specified products and services from us over an extended period of time, often for a single fixed contractual price. For such agreements, management identifies each performance obligation in the contract and allocates the total contract price to each performance obligation based on relative estimated SSP. Once the transaction price is allocated to individual performance obligations, the components are recognized in the respective categories of revenue above consistent with the timing of the recognition of performance obligations described therein.

### Disaggregated Revenue and Geography Information

Through the evaluation of the discrete financial information that is regularly reviewed by the chief operating decision makers (our chief executive officer and chief financial officer), we have determined that we have one reportable segment. The following table is a summary of our revenues by type for the three and nine months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017 <sup>(1)</sup>	2018	2017 <sup>(1)</sup>
Video products and solutions net revenues	\$ 34,124	\$ 27,058	\$ 92,625	\$ 82,585
Audio products and solutions net revenues	18,009	27,261	52,297	70,395
Products and solutions net revenues	52,133	54,319	144,922	152,980
Subscription services	8,786	6,712	25,577	14,298
Support services	35,033	38,016	104,869	123,445
Professional services, training and other services	8,094	6,218	25,230	21,022
Services net revenues	51,913	50,946	155,676	158,765
Total net revenues	\$ 104,046	\$ 105,265	\$ 300,598	\$ 311,745

The following table sets forth our revenues by geographic region for the three and nine months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017 <sup>(1)</sup>	2018	2017 <sup>(1)</sup>
Revenues:				
United States	\$ 37,078	\$ 38,624	\$ 112,726	\$ 121,309
Other Americas	7,466	7,377	20,216	20,581
Europe, Middle East and Africa	43,179	41,526	124,148	121,647
Asia-Pacific	16,323	17,738	43,508	48,208
Total net revenues	\$ 104,046	\$ 105,265	\$ 300,598	\$ 311,745

<sup>(1)</sup> As a result of our adoption of ASC 606 effective January 1, 2018 using the modified retrospective method, prior period amounts have not been adjusted to conform with ASC 606 and therefore may not be comparable.

### Contract Asset

Contract asset activity for the nine months ended September 30, 2018 was as follows (in thousands):

	<b>September 30, 2018</b>
Contract asset at January 1, 2018	\$ 6,579
Revenue in excess of billings	20,099
Customer billings	(8,133)
Contract asset at September 30, 2018	\$ 18,545
Less: long-term portion (recorded in other long-term assets)	1,398
Contract asset, current portion	\$ 17,147

The increase in contract assets during the nine months ended September 30, 2018 is due to (i) continued growth in our subscription offerings and (ii) the timing of payments due under our enterprise network agreements which predominately are payable annually whereas performance obligations are fulfilled on a continuous basis.

#### ***Deferred Revenue***

Deferred revenue activity for the nine months ended September 30, 2018 was as follows (in thousands):

	<b>September 30, 2018</b>
Deferred revenue at January 1, 2018	\$ 97,923
Billings deferred	59,185
Recognition of prior deferred revenue	(68,884)
Deferred revenue at September 30, 2018	\$ 88,224

A summary of the significant performance obligations included in deferred revenue as of September 30, 2018 is as follows (in thousands):

	<b>September 30, 2018</b>
Product	\$ 6,480
Subscription	943
Support Contracts	56,903
Implied PCS	17,572
Professional services, training and other	6,326
Deferred revenue at September 30, 2018	\$ 88,224

We expect deferred revenue recorded as of September 30, 2018 will be recorded as revenue within the next 12 months, except for Implied PCS performance obligations and long-term support agreements. We expect \$6 million, \$5 million, \$3 million, and \$1 million of Implied PCS deferred revenue recorded as of September 30, 2018 will be recognized as revenue for the years ended December 31, 2019, 2020, 2021, and 2022, respectively. We expect \$1 million of long-term support deferred revenue recorded as of September 30, 2018 will be recognized for each of the years ended December 31, 2019 and 2020 respectively.

## 10. LONG-TERM DEBT AND CREDIT AGREEMENT

Long-term debt consisted of the following (in thousands):

	September 30, 2018	December 31, 2017
Term Loan, net of unamortized debt issuance costs of \$2,761 at September 30, 2018 and \$3,499 at December 31, 2017	\$ 122,982	\$ 102,751
Notes, net of unamortized original issue discount and debt issuance costs of \$11,669 at September 30, 2018 and \$17,026 at December 31, 2017, respectively	106,331	105,974
Other long-term debt	1,517	1,679
Total debt	230,830	210,404
Less: current portion	1,401	5,906
Total long-term debt	\$ 229,429	\$ 204,498

The following table summarizes the maturities of our borrowing obligations as of September 30, 2018 (in thousands):

Fiscal Year	Term Loan	Notes	Other Long-Term Debt	Total
2018	\$ 319	\$ —	\$ 32	\$ 351
2019	1,275	—	132	1,407
2020	2,231	118,000	142	120,373
2021	4,781	—	153	4,934
2022	6,375	—	164	6,539
Thereafter	110,762	—	894	111,656
Total before unamortized discount	125,743	118,000	1,517	245,260
Less: unamortized discount and issuance costs	2,761	11,669	—	14,430
Less: current portion of long-term debt	1,275	—	126	1,401
Total long-term debt	\$ 121,707	\$ 106,331	\$ 1,391	\$ 229,429

### *2.00% Convertible Senior Notes due 2020*

On June 15, 2015, we issued \$125.0 million aggregate principal amount of our Notes in an offering conducted in accordance with Rule 144A under the Securities Act of 1933. The Notes pay interest semi-annually on June 15 and December 15 of each year at an annual rate of 2.00% and mature on June 15, 2020, unless earlier converted or repurchased in accordance with their terms prior to such date. Total interest expense for the three and nine months ended September 30, 2018 was \$2.2 million and \$6.6 million, respectively, reflecting the coupon and accretion of the discount.

On December 15, 2017, we purchased 2,000 of our 125,000 outstanding Notes and settled \$2.0 million of the Notes for \$1.7 million in cash. We recorded \$2.0 million extinguishment of debt, an immaterial amount of equity reacquisition, and an immaterial loss on the extinguishment of debt.

On February 8, 2018, we purchased an additional 2,000 of our 123,000 outstanding Notes and settled another \$2.0 million of the Notes for \$1.7 million in cash. We recorded \$2.0 million extinguishment of debt, an immaterial amount of equity reacquisition, and an immaterial gain on the extinguishment of debt.

On September 7, 2018, we purchased an additional 3,000 of our 121,000 outstanding Notes and settled another \$3.0 million of the Notes for \$2.7 million in cash. We recorded \$3.0 million extinguishment of debt, an immaterial amount of equity reacquisition, and an immaterial gain on the extinguishment of debt.

### **Term Loan and Credit Facility**

On February 26, 2016, we entered into a Financing Agreement (the “Financing Agreement”) with Cerberus Business Finance, LLC, as collateral and administrative agent, and the lenders party thereto (the “Lenders”). The Lenders originally agreed to provide us with (a) a term loan in the aggregate principal amount of \$100.0 million (the “Term Loan”), and (b) a revolving credit facility (the “Credit Facility”) of up to a maximum of \$5.0 million in borrowings outstanding at any time. We granted a security interest on substantially all of our assets to secure the obligations under the Term Loan and the Credit Facility. The Term Loan requires us to use 50% of excess cash flow, as defined in the Financing Agreement, to repay outstanding principal of the loans under the Financing Agreement. The Financing Agreement contains customary representations and warranties, covenants, mandatory prepayments, and events of default under which our payment obligations may be accelerated.

On November 9, 2017, we entered into an amendment and extended an additional \$15.0 million term loan and increased the amount available under the Credit Facility by \$5.0 million.

On May 10, 2018, we entered into an amendment to the Financing Agreement, which extended the maturity of the Financing Agreement to May 2023, and increased the Term Loan by \$22.7 million and the amount available under the Credit Facility by \$12.5 million. Under the terms of the amendment, aggregate quarterly principal repayments beginning September 30, 2018 through June 30, 2020 will be \$318,750, then from July 1, 2020 through June 30, 2021 equal to \$796,875, finally from July 1, 2021 through May 10, 2023 equal to \$1,593,750. Following the amendment effective date, interest accrues on outstanding borrowings under the Term Loan and Credit Facility (each as defined in the Financing Agreement) at a rate of either the LIBOR Rate (as defined in the Financing Agreement) plus 6.625% or a Reference Rate (as defined in the Financing Agreement) plus 5.625%, at our option. The amendment modified the covenant requiring us to maintain a Leverage Ratio (defined to mean the ratio of (a) the sum of indebtedness under the Term Loan and Credit Facility, capitalized leases and non-cash collateralized letters of credit to (b) consolidated EBITDA) of no greater than 3.00:1.00 for the four quarters ended June 30, 2018 through December 31, 2018, 2.50:1.00 for the four quarters ending March 31, 2019 through December 31, 2019, 2.25:1.00 for the four quarters ending March 31, 2020 through March 31, 2021, 2.00:1.00 for the four quarters ending June 30, 2021 through December 31, 2022, respectively, and thereafter declining to 1.50:1.00.

The maximum available credit under the Credit Facility is \$22.5 million. There were no amounts outstanding under the Credit Facility as of September 30, 2018. We were in compliance with the Financing Agreement covenants as of September 30, 2018. We recorded \$2.9 million and \$7.9 million of interest expenses on the Term Loan for the three and nine months ended September 30, 2018, respectively.

## **11. STOCKHOLDERS' EQUITY**

### **Stock-Based Compensation**

Information with respect to option shares granted under all of our stock incentive plans for the nine months ended September 30, 2018 was as follows:

	<b>Time-Based Shares</b>	<b>Performance-Based Shares</b>	<b>Total Shares</b>	<b>Weighted-Average Exercise Price</b>	<b>Weighted-Average Remaining Contractual Term (years)</b>	<b>Aggregate Intrinsic Value (in thousands)</b>
Options outstanding at January 1, 2018	2,290,017	—	2,290,017	\$9.65		
Granted	—	—	—	\$—		
Exercised	—	—	—	\$—		
Forfeited or canceled	(1,373,552)	—	(1,373,552)	\$10.44		
Options outstanding at September 30, 2018	916,465	—	916,465	\$8.48	1.88	\$—
Options vested at September 30, 2018 or expected to vest			916,465	\$8.48	1.88	\$—
Options exercisable at September 30, 2018			916,465	\$8.48	1.88	\$—

Information with respect to our non-vested restricted stock units for the nine months ended September 30, 2018 was as follows:

	Non-Vested Restricted Stock Units					
	Time-Based Shares	Performance-Based Shares	Total Shares	Weighted-Average Grant-Date Fair Value	Weighted-Average Remaining Contractual Term (years)	Aggregate Intrinsic Value (in thousands)
Non-vested at January 1, 2018	1,809,138	1,254,110	3,063,248	\$5.10		
Granted	1,693,728	771,124	2,464,852	\$4.97		
Vested	(600,134)	—	(600,134)	\$5.62		
Forfeited	(859,458)	(1,059,091)	(1,918,549)	\$5.09		
Non-vested at September 30, 2018	2,043,274	966,143	3,009,417	\$4.90	1.11	\$17,816
Expected to vest			2,689,399	\$5.02	1.11	\$15,921

Stock-based compensation was included in the following captions in our condensed consolidated statements of operations for the three and nine months ended September 30, 2018 and 2017 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Cost of products revenues	\$ 40	\$ 14	\$ 83	\$ 39
Cost of services revenues	55	49	139	508
Research and development expenses	236	222	439	474
Marketing and selling expenses	419	582	1,152	1,375
General and administrative expenses	1,326	1,614	2,518	3,478
	<u>\$ 2,076</u>	<u>\$ 2,481</u>	<u>\$ 4,331</u>	<u>\$ 5,874</u>



## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

### EXECUTIVE OVERVIEW

#### *Business Overview*

We develop, market, sell, and support software, hardware and integrated solutions for video and audio content creation, management and distribution. We do this by providing an open and efficient platform for digital media, along with a comprehensive set of tools and workflow solutions. Digital media are video, audio or graphic elements in which the image, sound or picture is recorded and stored as digital values, as opposed to analog or tape-based signals. Our products and solutions are used in production and post-production facilities; film studios; network, affiliate, independent and cable television stations; recording studios; live-sound performance venues; advertising agencies; government and educational institutions; corporate communications departments; and by independent video and audio creative professionals, as well as aspiring professionals. Projects produced using our tools, platform and ecosystem include feature films, television programming, live events, news broadcasts, sports productions, commercials, music, video and other digital media content.

Our mission is to enable our clients to create, connect and collaborate through continuous innovation of an open media ecosystem, powerful common platform and tools. Our clients rely on Avid to create prestigious and award-winning feature films, music recordings, television shows, live concerts, sporting events and news broadcasts. Avid has been honored for technological innovation with 15 Emmy Awards, one Grammy Award, two Oscars and the first ever America Cinema Editors Technical Excellence Award. Our creative tools and workflow solutions were used in all 2018 Oscar nominated films for Best Film Editing, Best Sound Editing, Best Sound Mixing, and Best Original Score and used in the winner of Best Picture.

#### *Operations Overview*

Our strategy for connecting creative professionals and media organizations with audiences in a more powerful, efficient, collaborative, and profitable ways leverages our Avid MediaCentral Platform - the open, extensible, and customizable foundation that streamlines and simplifies content workflows by integrating all Avid or third party products and services that run on top of it. The platform provides secure and protected access, and enables the creation and delivery of content faster and easier through a set of modular application suites and new public and private marketplaces, that together, represent an open, integrated and flexible media production and distribution environment for the media industry. Our Avid Advantage Support Plans reinforce our strategy by offering a high standard in service, support and education to enable our customers to derive more efficiency from their Avid investment. In addition, the Avid Customer Association ("ACA") was established as an innovative and influential media technology community representing thousands of organizations and over 20,000 professionals from all levels of the industry. The ACA fosters collaboration between Avid, its customers and other industry colleagues to help shape our product offerings as well as providing a means to shape our industry together.

Another key element of our strategy is our transition to a subscription or recurring revenue based model. We started offering cloud-based subscription licensing options for some of our products and solutions in 2014, and had approximately 116,000 paying cloud-enabled subscribers at the end of the third quarter of 2018, a 44% increase from the third quarter of 2017. These licensing options offer choice in pricing and deployment to suit our customers' needs and are expected to increase recurring revenue on a longer term basis. However, during our transition to a recurring revenue model, we expect that our revenue, deferred revenue, and cash flow from operations will be adversely affected as new product offerings are sold at a wider variety of price points.

### CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Our condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America. The preparation of these financial statements requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosures of contingent assets and liabilities as of the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. We base our estimates and judgments on historical experience and various other factors we believe to be reasonable under the circumstances, the results of which form the basis for judgments about the carrying values of assets and liabilities and the amounts of revenues and expenses. Actual results may differ from these estimates.

We believe that our critical accounting policies and estimates are those related to revenue recognition and allowances for sales returns and exchanges; stock-based compensation; income tax assets and liabilities; and restructuring charges and accruals. We believe these policies and estimates are critical because they most significantly affect the portrayal of our financial condition and results of operations and involve our most complex and subjective estimates and judgments. A discussion of our critical accounting policies and estimates may be found in our Annual Report on Form 10-K for the year ended December 31, 2017 in Item 7, “Management's Discussion and Analysis of Financial Condition and Results of Operations,” under the heading “Critical Accounting Policies and Estimates” and below. There have been no significant changes to the identification of the accounting policies and estimates that are deemed critical. On January 1, 2018, we adopted ASC Topic 606 using the modified retrospective method applied to contracts not completed as of January 1, 2018. See Note 1, Note 9, and the Revenue Recognition discussion below for a further description. As a result of our adoption of ASC 606 effective January 1, 2018 using the modified retrospective method, prior period revenue amounts have not been adjusted to conform with ASC 606 and therefore may not be comparable.

### ***Revenue Recognition***

We enter into contracts with customers that include various combinations of products and services, which are typically capable of being distinct and are accounted for as separate performance obligations. We account for a contract when (i) it has approval and commitment from both parties, (ii) the rights of the parties have been identified, (iii) payment terms have been identified, (iv) the contract has commercial substance and (v) collectibility is probable. We recognize revenue upon transfer of control of promised products or services to customers, which typically occurs upon shipment or delivery depending on the terms of the underlying contracts, in an amount that reflects the consideration we expect to receive in exchange for those products or services.

See Note 9 for disaggregated revenue schedules and further discussion on revenue and deferred revenue performance obligations and the timing of revenue recognition.

We often enter into contractual arrangements that have multiple performance obligations, one or more of which may be delivered subsequent to the delivery of other performance obligations. These arrangements may include a combination of products, support, training and professional services. We allocate the transaction price of the arrangement based on the relative estimated standalone selling price of each distinct performance obligation.

Our process for determining SSP for each performance obligation involves significant management judgment. In determining SSP, we maximize observable inputs and consider a number of data points, including:

- the pricing of standalone sales (in the limited instances where available);
- the pricing established by management when setting prices for deliverables that are intended to be sold on a standalone basis;
- contractually stated prices for deliverables that are intended to be sold on a standalone basis;
- other pricing factors, such as the geographical region in which the products are sold and expected discounts based on the customer size and type.

Determining SSP for performance obligations which we never sell separately also requires significant judgment. In estimating the SSP, we consider the likely price that would have resulted from established pricing practices had the deliverable been offered separately and the prices a customer would likely be willing to pay.

We only include estimated amounts in the transaction price to the extent it is probable that a significant reversal of cumulative revenue recognized will not occur when the uncertainty associated with the variable consideration is resolved. We reduce transaction prices for estimated returns and other allowances that represent variable consideration under ASC 606, which we estimate based on historical return experience and other relevant factors, and record a corresponding refund liability as a component of accrued expenses and other current liabilities. Other forms of contingent revenue or variable consideration are infrequent.

While not a common practice for us, in the event we grant the customer the option to acquire additional products or services in an arrangement, we consider if the option provides a material right to the customer that it would not receive without entering into the contract (e.g., an incremental discount compared to the range of discounts typically given for similar products or services). If a material right is deemed to exist, we account for the option as a distinct performance obligation and recognize revenue when those future products or services are transferred or when the option expires.

We also record as revenue all amounts billed to customers for shipping and handling costs and record the actual shipping costs as a component of cost of revenues. Reimbursements received from customers for out-of-pocket expenses are recorded as revenues, with related costs recorded as cost of revenues. We present revenues net of any taxes collected from customers and remitted to government authorities.

Our contracts rarely contain significant financing components as payments from customers are due within a short period from when our performance obligations are satisfied.

We are applying the practical expedient for the deferral of sales commissions and other contract acquisition costs, which are expensed as incurred, because the amortization period would be one year or less.

## RESULTS OF OPERATIONS

The following table sets forth certain items from our condensed consolidated statements of operations as a percentage of net revenues for the three and nine months ended September 30, 2018 and 2017:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Net revenues:				
Product	50.1 %	51.6 %	48.2 %	49.1 %
Services	49.9 %	48.4 %	51.8 %	50.9 %
Total net revenues	100.0 %	100.0 %	100.0 %	100.0 %
Cost of revenues	41.7 %	42.7 %	42.6 %	41.1 %
Gross margin	58.3 %	57.3 %	57.4 %	58.9 %
Operating expenses:				
Research and development	15.3 %	15.2 %	15.8 %	16.6 %
Marketing and selling	22.5 %	24.4 %	25.7 %	25.8 %
General and administrative	13.1 %	14.4 %	13.9 %	13.9 %
Amortization of intangible assets	0.3 %	0.3 %	0.4 %	0.4 %
Restructuring costs, net	0.2 %	(0.6)%	1.1 %	2.1 %
Total operating expenses	51.4 %	53.7 %	56.9 %	58.8 %
Operating income	6.9 %	3.6 %	0.5 %	0.1 %
Interest and other expense, net	(5.5)%	(4.5)%	(5.8)%	(4.3)%
Income (loss) before income taxes	1.4 %	(0.9)%	(5.3)%	(4.2)%
Provision for (benefit from) income taxes	0.4 %	(1.0)%	0.3 %	(0.1)%
Net income (loss)	1.0 %	0.1 %	(5.6)%	(4.1)%

### Net Revenues

Our net revenues are derived mainly from sales of video and audio hardware and software products and solutions for digital media content production, management and distribution, and related professional services and maintenance contracts. We commonly sell large, complex solutions to our customers that, due to their strategic nature, have long lead times where the timing of order execution and fulfillment can be difficult to predict. In addition, the rapid evolution of the media industry is changing our customers' needs, businesses and revenue models, which is influencing their short-term and long-term purchasing decisions. As a result of these factors, the timing and amount of product revenue recognized each quarter related to these large orders, as well as the services associated with them, can fluctuate from quarter to quarter and cause significant volatility in our quarterly operating results. For a discussion of these factors, see the risk factors discussed in Part I - Item 1A under the heading "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2017.

**Net Revenues for the Three Months Ended September 30, 2018 and 2017**

	(dollars in thousands)			
	2018	Change		2017
	Net Revenues	\$	%	Net Revenues
Video products and solutions	\$ 34,124	\$ 7,066	26.1%	\$ 27,058
Audio products and solutions	18,009	(9,252)	(33.9)%	27,261
Products and solutions	52,133	(2,186)	(4.0)%	54,319
Services	51,913	967	1.9%	50,946
Total net revenues	\$ 104,046	\$ (1,219)	(1.2)%	\$ 105,265

**Net Revenues for the Nine Months Ended September 30, 2018 and 2017**

	(dollars in thousands)			
	2018	Change		2017
	Net Revenues	\$	%	Net Revenues
Video products and solutions	\$ 92,625	\$ 10,040	12.2%	\$ 82,585
Audio products and solutions	52,297	(18,098)	(25.7)%	70,395
Products and solutions	144,922	(8,058)	(5.3)%	152,980
Services	155,676	(3,089)	(1.9)%	158,765
Total net revenues	\$ 300,598	\$ (11,147)	(3.6)%	\$ 311,745

The following table sets forth the percentage of our net revenues attributable to geographic regions for the three and nine months ended September 30, 2018 and 2017:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
United States	36%	37%	38%	39%
Other Americas	7%	7%	7%	7%
Europe, Middle East and Africa	41%	39%	41%	39%
Asia-Pacific	16%	17%	14%	15%

Video Products and Solutions Revenues

Video products and solutions revenues are derived primarily from sales of our storage and workflow solutions, media management solutions and video creative tools. Video products and solutions revenues increased \$7.1 million, or 26.1%, for the three months ended September 30, 2018, and increased \$10.0 million, or 12.2%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The increases were primarily due to improved storage product sales as a result of more large enterprise contracts executed in 2018.

Audio Products and Solutions Revenues

Audio products and solutions revenues are derived primarily from sales of our digital audio software and workstation solutions and our control surfaces, consoles and live-sound systems. Audio products and solutions revenues decreased \$9.3 million, or 33.9%, for the three months ended September 30, 2018, and decreased \$18.1 million, or 25.7%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The decreases were primarily due to the accelerated revenue recognition of Pro Tools 12 during the first half of 2017 as the result of the cessation of Implied Maintenance Release PCS for Pro Tools as well as lower audio hardware sales.

Services Revenues

Services revenues are derived primarily from maintenance contracts, as well as professional services and training. Services revenues increased \$1.0 million, or 1.9%, for the three months ended September 30, 2018, and decreased \$3.1 million, or 1.9%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The increase in service revenue for the three months ended September 30, 2018 was the result of increased subscription sales and professional services and training. The decrease in services revenues for the nine months ended September 30, 2018 was primarily due to the accelerated revenue recognition of support contracts during the first half of 2017 as the result of the cessation of Implied Maintenance Release PCS for Pro Tools.

#### **Cost of Revenues, Gross Profit and Gross Margin Percentage**

Cost of revenues consists primarily of costs associated with:

- procurement of components and finished goods;
- assembly, testing and distribution of finished products;
- warehousing;
- customer support related to maintenance;
- royalties for third-party software and hardware included in our products;
- amortization of technology; and
- providing professional services and training.

Amortization of technology represents the amortization of developed technology assets acquired as part of acquisitions.

#### **Costs of Revenues and Gross Profit for the Three Months Ended September 30, 2018 and 2017**

	(dollars in thousands)			
	2018	Change		2017
	Costs	\$	%	Costs
Products	\$ 27,042	\$ (2,443)	(8.3)%	\$ 29,485
Services	14,443	971	7.2%	13,472
Amortization of intangible assets	1,950	—	—%	1,950
Total cost of revenues	\$ 43,435	\$ (1,472)	(3.3)%	\$ 44,907
Gross profit	\$ 60,611	\$ 253	0.4%	\$ 60,358

#### **Costs of Revenues and Gross Profit for the Nine Months Ended September 30, 2018 and 2017**

	(dollars in thousands)			
	2018	Change		2017
	Costs	\$	%	Costs
Products	\$ 79,684	\$ (794)	(1.0)%	\$ 80,478
Services	42,414	667	1.6%	41,747
Amortization of intangible assets	5,850	—	—%	5,850
Total cost of revenues	\$ 127,948	\$ (127)	(0.1)%	\$ 128,075
Gross profit	\$ 172,650	\$ (11,020)	(6.0)%	\$ 183,670

### Gross Margin Percentage

Gross margin percentage, which is net revenues less costs of revenues divided by net revenues, fluctuates based on factors such as the mix of products sold, the cost and proportion of third-party hardware and software included in the systems sold, the offering of product upgrades, price discounts and other sales-promotion programs, the distribution channels through which products are sold, the timing of new product introductions, sales of aftermarket hardware products such as disk drives and currency exchange-rate fluctuations. For a discussion of these factors, see the risk factors discussed in Part I - Item 1A under the heading "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2017. Our total gross margin percentage for the three months ended September 30, 2018 increased to 58.3% from 57.3% for the same period in 2017, and for the nine months ended September 30, 2018 decreased to 57.4% from 58.9% for the same period in 2017. The increase for the three-month period was primarily due to increased video product revenues and cost savings from our programs to increase operational efficiencies. The decrease for the nine-month period was primarily due to the accelerated revenue recognition of Pro Tools during the first half of 2017 as the result of the cessation of Implied Maintenance Release PCS for Pro Tools.

#### **Gross Margin % for the Three Months Ended September 30, 2018 and 2017**

	<b>2018 Gross Margin %</b>	<b>Change</b>	<b>2017 Gross Margin %</b>
Products	48.1%	2.4%	45.7%
Services	72.2%	(1.4)%	73.6%
Total	58.3%	1.0%	57.3%

#### **Gross Margin % for the Nine Months Ended September 30, 2018 and 2017**

	<b>2018 Gross Margin %</b>	<b>Change</b>	<b>2017 Gross Margin %</b>
Products	45.0%	(2.4)%	47.4%
Services	72.8%	(0.9)%	73.7%
Total	57.4%	(1.5)%	58.9%

### **Operating Expenses and Operating Income**

#### **Operating Expenses and Operating Income for the Three Months Ended September 30, 2018 and 2017**

	<b>(dollars in thousands)</b>			
	<b>2018</b>	<b>Change</b>		<b>2017</b>
	<b>Expenses</b>	<b>\$</b>	<b>%</b>	<b>Expenses</b>
Research and development	\$ 15,873	\$ (152)	(0.9)%	\$ 16,025
Marketing and selling	23,461	(2,191)	(8.5)%	25,652
General and administrative	13,660	(1,533)	(10.1)%	15,193
Amortization of intangible assets	363	1	0.3%	362
Restructuring costs, net	226	808	(138.8)%	(582)
Total operating expenses	\$ 53,583	\$ (3,067)	(5.4)%	\$ 56,650
Operating income	\$ 7,028	\$ 3,320	89.5%	\$ 3,708

**Operating Expenses and Operating Income for the Nine Months Ended September 30, 2018 and 2017**

	(dollars in thousands)			
	2018	Change		2017
	Expenses	\$	%	Expenses
Research and development	\$ 47,543	\$ (4,361)	(8.4)%	\$ 51,904
Marketing and selling	77,352	(3,129)	(3.9)%	80,481
General and administrative	41,656	(1,612)	(3.7)%	43,268
Amortization of intangible assets	1,089	1	0.1%	1,088
Restructuring costs, net	3,401	(3,063)	(47.4)%	6,464
Total operating expenses	<u>\$ 171,041</u>	<u>\$ (12,164)</u>	(6.6)%	<u>\$ 183,205</u>
Operating income	\$ 1,609	\$ 1,144	246.0%	\$ 465

Research and Development Expenses

Research and development (“R&D”) expenses include costs associated with the development of new products and the enhancement of existing products, and consist primarily of employee compensation and benefits; facilities costs; depreciation; costs for consulting and temporary employees; and prototype and other development expenses. R&D expenses decreased \$0.2 million, or 0.9%, for the three months ended September 30, 2018, and decreased \$4.4 million, or 8.4%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The table below provides further details regarding the changes in components of R&D expenses.

**Change in R&D Expenses for the Three Months Ended September 30, 2018 and 2017**

	(dollars in thousands)	
	2018 Decrease From 2017	
	\$	%
Computer hardware and supplies	\$ 405	140.4 %
Consulting and outside services	(383)	(12.9)%
Other	(174)	(1.4)%
Total R&D expenses decrease	<u>\$ (152)</u>	(0.9)%

**Change in R&D Expenses for the Nine Months Ended September 30, 2018 and 2017**

	(dollars in thousands)	
	2018 Decrease From 2017	
	\$	%
Personnel-related	\$ (2,091)	(7.2)%
Consulting and outside services	(1,757)	(18.5)%
Facilities and information technology	(730)	(6.9)%
Computer hardware and supplies	615	65.9 %
Other	(398)	(20.2)%
Total R&D expenses decrease	<u>\$ (4,361)</u>	(8.4)%

The decreases in R&D expense categories for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were primarily the result of our cost efficiency program completed at the end of 2017. The increases in computer hardware and supplies for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were the result of more prototype development for our video products.

### Marketing and Selling Expenses

Marketing and selling expenses consist primarily of employee compensation and benefits for selling, marketing and pre-sales customer support personnel; commissions; travel expenses; advertising and promotional expenses; web design costs and facilities costs. Marketing and selling expenses decreased \$2.2 million, or 8.5%, for the three months ended September 30, 2018, and decreased \$3.1 million, or 3.9%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The table below provides further details regarding the changes in components of marketing and selling expenses.

#### **Change in Marketing and Selling Expenses for the Three Months Ended September 30, 2018 and 2017**

	2018 (Decrease) Increase From 2017	
	\$	%
Foreign exchange loss	\$ (1,295)	(79.5)%
Personnel-related expenses	(544)	(3.1)%
Facilities and information technology	(452)	(11.6)%
Other	100	3.8 %
Total marketing and selling expenses decrease	<u>\$ (2,191)</u>	<u>(8.5)%</u>

#### **Change in Marketing and Selling Expenses for the Nine Months Ended September 30, 2018 and 2017**

	2018 (Decrease) Increase From 2017	
	\$	%
Foreign exchange loss	\$ (4,489)	(93.4)%
Facilities and information technology	(676)	(5.6)%
Sales kickoff meeting	651	81.8 %
Consulting and outside services	535	33.1 %
Advertising and promotion	259	4.0 %
Bad debt	219	(138.6)%
Other	372	0.7 %
Total marketing and selling expenses decrease	<u>\$ (3,129)</u>	<u>(3.9)%</u>

For the three months ended September 30, 2018, net foreign exchange losses, which are included in marketing and selling expenses, were \$0.3 million, compared to losses of \$1.6 million for the same period in 2017. For the nine months ended September 30, 2018, net foreign exchange losses were \$0.3 million, compared to losses of \$4.8 million for the same period in 2017. The foreign exchange losses result from foreign currency denominated transactions and the revaluation of foreign currency denominated assets and liabilities. The large changes were primarily due to the euro-dollar exchange rate volatility. The decrease in personnel-related expenses for the three months ended September 30, 2018, compared to the same period in 2017, was primarily due to lower sales commissions as certain commissions will be earned based on shipments. The decreases in facilities and information technology for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were primarily due to lower office rent expenses resulting from our facilities consolidation. The increases in sales kickoff meeting, consulting and outside services, and advertising and promotion expenses for the nine months ended September 30, 2018, compared to the same period in 2017, were in line with our increased spending in marketing and selling activities and events.

### General and Administrative Expenses

General and administrative (“G&A”) expenses consist primarily of employee compensation and benefits for administrative, executive, finance and legal personnel; audit, legal and strategic consulting fees; and insurance, information systems and



facilities costs. Information systems and facilities costs reported within general and administrative expenses are net of allocations to other expenses categories. G&A expenses decreased \$1.5 million, or 10.1%, for the three months ended September 30, 2018, and decreased \$1.6 million, or 3.7%, for the nine months ended September 30, 2018, compared to the same periods in 2017. The table below provides further details regarding the changes in components of G&A expenses.

**Change in G&A Expenses for the Three Months Ended September 30, 2018 and 2017**

(dollars in thousands)

	2018 Increase (Decrease) From 2017	
	\$	%
Consulting and outside services	\$ (1,036)	(20.5)%
Personnel-related	(385)	(5.7)%
Facilities and information technology expenses	(112)	(3.4)%
Total G&A expenses increase	<u>\$ (1,533)</u>	(10.1)%

**Change in G&A Expenses for the Nine Months Ended September 30, 2018 and 2017**

(dollars in thousands)

	2018 (Decrease) Increase From 2017	
	\$	%
Personnel-related	\$ (718)	(3.8)%
Consulting and outside services	(673)	(4.9)%
Facilities and information technology expenses	(417)	(6.1)%
Other	196	5.6 %
Total G&A expenses decrease	<u>\$ (1,612)</u>	(3.7)%

The decreases in personnel-related expenses for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were due to decreases in incentive-based compensation accrual and stock-based compensation. The decreases in consulting and outside services for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were due to lower litigation related expenses. The decreases in facilities and information technology expenses for the three and nine months ended September 30, 2018, compared to the same periods in 2017, were primarily the result of cost savings from our facilities consolidation.

## Provision for (Benefit from) Income Taxes

### Provision for (Benefit from) Income Taxes for the Three Months Ended September 30, 2018 and 2017

	(dollars in thousands)			
	2018	Change		2017
		\$	%	
Provision for (benefit from) income taxes	\$ 425	\$ 1,490	(139.9)%	\$ (1,065)

### Provision for (Benefit from) Income Taxes for the Nine Months Ended September 30, 2018 and 2017

	(dollars in thousands)			
	2018	Change		2017
		\$	%	
Provision for (benefit from) income taxes	\$ 824	\$ 1,150	(352.8)%	\$ (326)

We had a tax provision of 5.2% and benefit of 2.5%, respectively, as a percentage of loss before tax for the nine months ended September 30, 2018 and 2017. The year over year increase in the provision for both the three and nine months ended September 30, 2018 is primarily related to a change in the jurisdictional mix of earnings principally driven by the exclusion of our Israel subsidiary from our year to date effective tax rate calculation beginning in September 2017. No benefit was provided for the tax loss generated in the United States due to a full valuation on the deferred tax asset. In addition, the estimated annual effective tax rate excluded the United States due to its pre-tax loss position.

On December 22, 2017, the Tax Cuts and Jobs Act (“TCJA”) was signed into law. The TCJA changed many aspects of U.S. corporate income taxation and included reduction of the corporate income tax rate from 35% to 21%, implementation of a territorial tax system and imposition of a tax on deemed repatriated earnings of foreign subsidiaries. The TCJA was effective as of December 31, 2017 and at that time we made a reasonable estimate of the effects on our existing deferred tax balances and the one-time transition tax. As of September 30, 2018, we have completed our accounting for the tax effects of the TCJA and there were no material changes to the estimated amounts that were recorded as of December 31, 2017. The global intangible low-taxed income (GILTI) provisions of the TCJA impose a tax on foreign income in excess of a deemed return on tangible assets of foreign corporations. Under U.S. GAAP, we can make an accounting policy choice of either (1) treating taxes due on future U.S. inclusions in taxable income related to GILTI as a current-period expense when incurred (the “period cost method”) or (2) factoring such amounts into the measurement of our deferred taxes (the “deferred method”). During the quarter ended September 30, 2018 the Company has made a policy election to record tax effects of GILTI as an expense in the period incurred.

## LIQUIDITY AND CAPITAL RESOURCES

### Liquidity and Sources of Cash

We have generally funded operations in recent years through existing cash balances, supplemented from time to time with the proceeds of long-term debt and borrowings under our credit facilities. Our principal sources of liquidity include cash and cash equivalents totaling \$50.5 million as of September 30, 2018.

In February 2016, we committed to a cost efficiency program that encompassed a series of measures intended to allow us to more efficiently operate in a leaner, more directed cost structure. These measures included reductions in our workforce, consolidation of facilities, transfers of certain business processes to lower cost regions and reductions in other third-party services costs. The cost efficiency program was substantially complete as of December 31, 2017.

On February 26, 2016, we entered into the Financing Agreement with the Lenders. Pursuant to the Financing Agreement, we entered into a term loan in the original aggregate principal amount of \$100.0 million. The Financing Agreement also originally provided us with the ability to draw up to a maximum of \$5.0 million in revolving credit.

On November 9, 2017, we entered into an amendment to the Financing Agreement, which extended an additional \$15.0 million term loan to us and increased the amount of available revolving credit by \$5.0 million.

On May 10, 2018, we entered into an amendment to the Financing Agreement, which extended the maturity of the Financing Agreement to May 2023, and increased the Term Loan by \$22.7 million and the amount available under the Credit Facility by \$12.5 million. Under the terms of the amendment, aggregate quarterly principal repayments beginning September 30, 2018 through June 30, 2020 will be \$318,750, then from July 1, 2020 through June 30, 2021 equal to \$796,875, finally from July 1, 2021 through May 10, 2023 equal to \$1,593,750. Following the amendment effective date, interest accrues on outstanding borrowings under the Term Loan and Credit Facility (each as defined in the Financing Agreement) at a rate of either the LIBOR Rate (as defined in the Financing Agreement) plus 6.625% or a Reference Rate (as defined in the Financing Agreement) plus 5.625%, at our option. The amendment modified the covenant requiring us to maintain a Leverage Ratio (defined to mean the ratio of (a) the sum of indebtedness under the Term Loan and Credit Facility, capitalized leases and non-cash collateralized letters of credit to (b) consolidated EBITDA) of no greater than 3.00:1.00 for the four quarters ended June 30, 2018 through December 31, 2018, 2.50:1.00 for the four quarters ending March 31, 2019 through December 31, 2019, 2.25:1.00 for the four quarters ending March 31, 2020 through March 31, 2021, 2.00:1.00 for the four quarters ending June 30, 2021 through December 31, 2022, respectively, and thereafter declining to 1.50:1.00. The maximum available credit under the Credit Facility is \$22.5 million. We were in compliance with the Financing Agreement covenants as of September 30, 2018.

Our ability to satisfy the Leverage Ratio covenant in the future is dependent on our ability to maintain bookings and billings at or above levels experienced over the last 12 months. In recent quarters, we have experienced volatility in bookings and billings resulting from, among other things, (i) our transition towards subscription and recurring revenue streams and the resulting decline in traditional upfront product sales, (ii) dramatic changes in the media industry and the impact it has on our customers, (iii) the impact of new and anticipated product launches and features, and (iv) volatility in currency rates. In addition to the impact of new bookings and billings, in 2017 we ceased to recognize revenues related to the existence of Implied Maintenance Release PCS in prior periods, which will have an adverse impact on our Leverage Ratio.

In the event bookings and billings in future quarters are lower than we currently anticipate, we may be forced to take remedial actions which could include, among other things (and where allowed by the Lenders), (i) further cost reductions, (ii) seeking replacement financing, (iii) raising funds through the issuance of additional equity or debt securities or the incurrence of additional borrowings, or (iv) disposing of certain assets or businesses. Such remedial actions, which may not be available on favorable terms or at all, could have a material adverse impact on our business. If we are not in compliance with the Leverage Ratio and are unable to obtain an amendment or waiver, such noncompliance may result in an event of default under the Financing Agreement, which could permit acceleration of the outstanding indebtedness under the Financing Agreement and require us to repay such indebtedness before the scheduled due date. If an event of default were to occur, we might not have sufficient funds available to make the payments required. If we are unable to repay amounts owed, the Lenders may be entitled to foreclose on and sell substantially all of our assets, which secure our borrowings under the Financing Agreement.

Our cash requirements vary depending on factors such as the growth of our business, changes in working capital, and capital expenditures. We expect to operate the business and execute our strategic initiatives principally with funds generated from operations, remaining net proceeds from the term loan borrowings under the Financing Agreement, and draw up to a maximum of \$22.5 under the Financing Agreement's revolving credit facility. We anticipate that we will have sufficient internal and external sources of liquidity to fund operations and anticipated working capital and other expected cash needs for at least the next 12 months as well as for the foreseeable future.

#### **Cash Flows**

The following table summarizes our cash flows for the periods presented (in thousands):

	<b>Nine Months Ended September 30,</b>	
	<b>2018</b>	<b>2017</b>
Net cash (used in) provided by operating activities	\$ (4,248)	\$ 6,103
Net cash used in investing activities	(7,565)	(6,149)
Net cash provided by (used in) financing activities	14,189	(3,351)
Effect of foreign currency exchange rates on cash, cash equivalents and restricted cash	(358)	753
Net increase in cash, cash equivalents and restricted cash	\$ 2,018	\$ (2,644)

Cash Flows from Operating Activities

Cash used in operating activities aggregated \$4.2 million for the nine months ended September 30, 2018. The decrease in cash provided by operations compared to the nine months ended September 30, 2017 was primarily due to the timing of annual bonus payments.

Cash Flows from Investing Activities

For the nine months ended September 30, 2018, net cash flows used in investing activities reflected \$7.5 million used for the purchase of property and equipment. Our purchases of property and equipment largely consist of computer hardware and software to support R&D activities and information systems.

Cash Flows from Financing Activities

For the nine months ended September 30, 2018, net cash flows provided by financing activities were primarily the result of the \$22.7 million additional Term Loan, \$3.4 million in quarterly principal payments, and \$4.4 million settlement of the Notes.

**RECENT ACCOUNTING PRONOUNCEMENTS**

***Recently Adopted Accounting Pronouncements and Recent Accounting Pronouncements To Be Adopted***

Our recently adopted and to be adopted accounting pronouncements are set forth in Note 1 “Financial Information” of our Notes to Condensed Consolidated Financial Statements under Part I, Item 1 of this Form 10-Q.

### ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURE ABOUT MARKET RISK

#### *Foreign Currency Exchange Risk*

We have significant international operations and derive more than half of our revenues from customers outside the United States. This business is, for the most part, transacted through international subsidiaries and generally in the currency of the end-user customers. Therefore, we are exposed to the changes in foreign currency exchange rates that could adversely affect our revenues, net income and cash flow.

During the nine months ended September 30, 2018 and 2017, we recorded net losses of \$0.3 million and \$4.8 million, respectively. The foreign exchange gains and losses were resulted from foreign currency denominated transactions and the revaluation of foreign currency denominated assets and liabilities.

A hypothetical change of 10% in appreciation or depreciation of foreign currency exchange rates from the quoted foreign currency exchange rates as of September 30, 2018, would not have a significant impact on our financial position, results of operations or cash flows.

#### *Interest Rate Risk*

We borrowed \$100.0 million under the Term Loan on February 26, 2016, and additional \$15.0 million and \$22.7 million under the Term Loan on November 9, 2017 and May 10, 2018, respectively. We also maintain a revolving Credit Facility that allows us to borrow up to \$22.5 million. Following the latest amendment Effective Date, May 10, 2018, interest accrues on outstanding borrowings under the Term Loan and the Credit Facility (each as defined in the Financing Agreement) at a rate of either the LIBOR Rate (as defined in the Financing Agreement) plus 6.625% or a Reference Rate (as defined in the Financing Agreement) plus 5.625%, at our option. A hypothetical 10% increase or decrease in interest rates paid on outstanding borrowings under the Financing Agreement would not have a material impact on our financial position, results of operations or cash flows.

On June 15, 2015, we issued \$125.0 million aggregate principal amount of our Notes pursuant to the terms of an indenture. We purchased \$2.0 million of our Notes on December 15, 2017, \$2.0 million on February 8, 2018, and an additional \$3.0 million on September 7, 2018. The Notes pay interest semi-annually on June 15 and December 15 of each year, at an annual rate of 2.00% and mature on June 15, 2020 unless earlier repurchased or converted in accordance with their terms prior to such date. The fair value of the Notes is dependent on the price and volatility of our common stock as well as movements in interest rates. The fair value of our common stock and interest rate changes affect the fair value of the Notes, but do not impact our financial position, cash flows or results of operations due to the fixed nature of the debt obligations.

### ITEM 4. CONTROLS AND PROCEDURES

#### *Evaluation of Disclosure Controls and Procedures*

Our management, with the participation and supervision of our Chief Executive Officer and Chief Financial Officer, is responsible for our disclosure controls and procedures pursuant to Rules 13a-15(e) and 15d-15(e) under the Exchange Act. Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed in our reports filed or submitted under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified under SEC rules and forms. Disclosure controls and procedures include controls and procedures designed to ensure that information required to be disclosed in our reports filed under the Exchange Act is accumulated and communicated to our principal executive officer and our principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

Our management, including the Chief Executive Officer and the Chief Financial Officer, carried out an evaluation of the effectiveness of our disclosure controls and procedures as of September 30, 2018. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible

controls and procedures. Based on this evaluation, our management concluded that, as of September 30, 2018, these disclosure controls and procedures were effective at a reasonable level of assurance.

***Changes in Internal Control over Financial Reporting***

There were no changes in our internal control over financial reporting during the quarterly period ended September 30, 2018, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

***Inherent Limitation on the Effectiveness of Internal Controls***

The effectiveness of any system of internal control over financial reporting is subject to inherent limitations, including the exercise of judgment in designing, implementing, operating, and evaluating the controls and procedures, and the inability to eliminate misconduct completely. Accordingly, any system of internal control over financial reporting can only provide reasonable, not absolute, assurances. In addition, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate. We intend to continue to monitor and upgrade our internal controls as necessary or appropriate for our business, but cannot assure that such improvements will be sufficient to provide us with effective internal control over financial reporting.

## **PART II - OTHER INFORMATION**

### **ITEM 1. LEGAL PROCEEDINGS**

See Note 7 “Contingencies” of our Notes to Condensed Consolidated Financial Statements regarding our legal proceedings. Aside from the disclosure below, there have been no material developments from the disclosures contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2017.

### **ITEM 1A. RISK FACTORS**

Investing in our common stock involves a high degree of risk. You should carefully consider the risks and uncertainties described in Part I - Item 1A under the heading “Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2017 in addition to the other information included in this Form 10-Q before making an investment decision regarding our common stock. If any of these risks actually occurs, our business, financial condition or operating results would likely suffer, possibly materially, the trading price of our common stock could decline, and you could lose part or all of your investment.

### **ITEM 6. EXHIBITS**

The list of exhibits, which are filed or furnished with this Form 10-Q or are incorporated herein by reference, is set forth in the Exhibit Index immediately preceding the exhibits and is incorporated herein by reference.

**EXHIBIT INDEX**

Exhibit No.	Description	Filed with this Form 10-Q	Incorporated by Reference		
			Form or Schedule	SEC Filing Date	SEC File Number
31.1	<a href="#">Certification of Principal Executive Officer pursuant to Rules 13a-14 and 15d-14 under the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</a>	X			
31.2	<a href="#">Certification of Principal Financial Officer pursuant to Rules 13a-14 and 15d-14 under the Securities Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</a>	X			
32.1	<a href="#">Certifications pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</a>	X			
*101.INS	XBRL Instance Document	X			
*101.SCH	XBRL Taxonomy Extension Schema Document	X			
*101.CAL	XBRL Taxonomy Calculation Linkbase Document	X			
*101.DEF	XBRL Taxonomy Definition Linkbase Document	X			
*101.LAB	XBRL Taxonomy Label Linkbase Document	X			
*101.PRE	XBRL Taxonomy Presentation Linkbase Document	X			

\* Pursuant to Rule 406T of Regulation S-T, XBRL (Extensible Business Reporting Language) information is deemed not filed or a part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of Section 18 of the Securities Exchange Act of 1934 and otherwise is not subject to liability under these sections.



**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

**AVID TECHNOLOGY, INC.**  
(Registrant)

Date: November 7, 2018

By:         /s/ Kenneth Gayron          
Name: Kenneth Gayron  
Title: Executive Vice President and Chief Financial Officer

## CERTIFICATION

I, Jeff Rosica, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Avid Technology, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2018

/s/ Jeff Rosica

Jeff Rosica

President and Chief Executive Officer

*(Principal Executive Officer)*

## CERTIFICATION

I, Kenneth Gayron, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Avid Technology, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2018

/s/ Kenneth Gayron

Kenneth Gayron

Executive Vice President and Chief Financial Officer

*(Principal Financial Officer)*

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of Avid Technology, Inc. (the "Company") for the quarter ended September 30, 2018 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), the undersigned, Jeff Rosica, President and Chief Executive Officer of the Company, and Kenneth Gayron, Executive Vice President and Chief Financial Officer of the Company, each hereby certifies, pursuant to 18 U.S.C. Section 1350, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: November 7, 2018

/s/ Jeff Rosica

Jeff Rosica

President and Chief Executive Officer

*(Principal Executive Officer)*

Date: November 7, 2018

/s/ Kenneth Gayron

Kenneth Gayron

Executive Vice President and Chief Financial Officer

*(Principal Financial Officer)*

*A certification furnished pursuant to this item will not be deemed "filed" for purposes of Section 18 of the Exchange Act (15 U.S.C. 78r), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference.*

