UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

October 30, 2018

(Date of report; date of earliest event reported)

Commission file number: 1-33026



(Exact name of registrant as specified in its charter)

Delaware

22-3447504

(I.R.S. Employer Identification No.)

(State or other jurisdiction of incorporation or organization)

1 Commvault Way Tinton Falls, New Jersey 07724 (Address of principal executive offices) (Zip Code)

(732) 870-4000

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- [] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- [] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- [] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- [] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)) Indicate to Cycleck mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR

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. []

Item 2.02 Results of Operations and Financial Condition

On October 30, 2018, Commvault Systems, Inc. issued press releases announcing its financial results for the second fiscal quarter ended September 30, 2018 and related Commvault Advance Transformation Progress. A copy of these press releases and related earnings call presentation are attached hereto as Exhibits.

This information is being furnished pursuant to Item 2.02 and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities under that section and shall not be deemed to be incorporated by reference into filings under the Securities Act of 1933.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits:

99.1 Earnings Press Release dated October 30, 2018

99.2 Commvault Advance Press Release dated October 30, 2018

99.3 Earnings Presentation dated October 30, 2018

SIGNATURES

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 hereunto duly authorized.

COMMVAULT SYSTEMS, INC.

Dated: October 30, 2018 /s/ Brian Carolan

Brian Carolan Vice President and Chief Financial Officer



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Commvault Announces Fiscal 2019 Second Quarter Financial Results

- -- Continued strong growth of repeatable revenues, up 22% Y-o-Y --
- -- Subscription and Utility Annual Contract Value (ACV) Grew over 90% Y-o-Y to \$76 million --
- -- Significant Y-o-Y improvement in earnings and cash flows from Commvault Advance initiatives --

Second Quarter Highlights Include:

	Second quarter
GAAP Results:	
Revenues	\$169.1 million
Income from Operations (EBIT)	\$1.0 million
EBIT Margin	0.6%
Diluted Earnings Per Share	\$0.02
Non-GAAP Results:	
Income from Operations (EBIT)	\$25.1 million
EBIT Margin	14.8%
Diluted Earnings Per Share	\$0.40

Tinton Falls, N.J. - October 30, 2018 - Commvault [NASDAQ: CVLT] today announced its financial results for the second quarter ended September 30, 2018.

N. Robert Hammer, Commvault's Chairman, President and CEO stated, "During the quarter, we completed the majority of the operational initiatives of our Commvault Advance transformation. Our second quarter financial results partly reflect the temporary disruption from the implementation of these changes. These in-quarter actions were critical to implement our transformation strategy and, as a result, most of the major changes have now been completed and our entire company is focused on go-forward execution. The actions we took to align our cost structure were evidenced in the 61% year-over-year growth in Non-GAAP operating income." Hammer added, "Now that the foundation of Commvault Advance is largely in place, we believe we are seeing increased momentum as our channel strategy, go-to-market initiatives and alliance partnerships are starting to show positive traction."

Total revenues for the second quarter of fiscal 2019 were \$169.1 million, an increase of 1% year-over-year, and a decrease of 4% sequentially. Software and products revenue was \$69.5 million, a decrease of 3% year-over-year, and 7% sequentially. Subscription software and product revenue comprised a record 43% of total software and products revenue, an increase of 136% year-over-year. Subscription and utility annual contract value (ACV) grew over 90% year-over-year to approximately \$76 million. See Table IV for information and explanations of ACV.

Services revenue in the quarter was \$99.6 million, an increase of 4% year-over-year and a decrease of 2% sequentially.

On a GAAP basis, income from operations (EBIT) was \$1.0 million for the second quarter compared to a loss of \$4.7 million in the prior year. These second quarter GAAP results in fiscal 2019 included \$6.1 million of expenses related to a non-routine shareholder matter, a litigation settlement and restructuring. These expenses have been excluded from our non-GAAP results and are further discussed in Table IV. Non-GAAP EBIT was \$25.1 million in the quarter compared to \$15.6 million in the prior year, an increase of 61%.

For the second quarter of fiscal 2019, Commvault reported a GAAP net income of \$0.9 million, or \$0.02 per diluted share. Non-GAAP net income for the quarter was \$19.1 million, or \$0.40 per diluted share.

Operating cash flow totaled \$17.8 million for the second quarter of fiscal 2019 compared to \$9.7 million in the prior year quarter. Total cash and short-term investments were \$484.1 million as of September 30, 2018 compared to \$462.4 million as of March 31, 2018.

During the second quarter of fiscal 2019, Commvault repurchased approximately 201,000 shares of its common stock totaling \$13.3 million. On October 18, 2018, the Board of Directors authorized an increase to the repurchase program so that \$200 million was available for ongoing repurchases and they extended the expiration date of the program to March 31, 2020.

A reconciliation of GAAP to non-GAAP results has been provided in Financial Statement Table IV included in this press release. An explanation of these measures is also included below under the heading "Use of Non-GAAP Financial Measures."

Recent Business Highlights

Innovation on Display at Commvault GO in Nashville

Aligned with the key foundational emphasis of Commvault Advance – to keep the company's innovation front and center – Commvault successfully delivered another sold-out customer event at Commvault GO earlier this month. The event showcased innovation with announcements made possible by the Commvault Advance initiatives on product and go-to-market organizational focus. Announcements included:

• A new industry-benchmark user interface known as Commvault Command Center;

- The launch of as-a-service options for the company's hallmark Commvault Complete Backup & Recovery Product
- An expanded portfolio of appliances including a new larger scale-out appliance for large enterprise and managed service providers, and a smaller backup appliance for remote and small offices;
- Expanded relationships with partners NetApp and Hewlett-Packard Enterprise; and
- A differentiated offering with Commvault Activate to help customers solve a CIO priority to discover and know their data across their environments.

"In summary, the announcements and information shared with IDC at Commvault GO left us feeling positive about Commvault's progress," said Archana Venkatraman, Research Manager, and Phil Goodwin, Research Director, Storage Systems and Software, IDC – a leading industry analyst firm. "In conversations with IDC, many of Commvault's customers iterated the benefit of simplification, consolidation, and analytics that the platform offers. What differentiates Commvault is that its commitment and focus across multiple geographies including Europe and Asia are on par with its North American focus. This was evident in Commvault's strategies around European regulations such as GDPR and its cognizance of Ali cloud and Asian regulatory dynamics. The vendor's frank discussion about its strategic direction, combined with ongoing commitment to its new product architecture and pricing, and the potential of new products like Commvault Complete Backup and Recovery as a Service, were all positive developments," he said. "Looking forward, Commvault's ability to slowly increase its indirect and partner-driven sales revenue, combined with its ability to gain share in the mid-market, will be important, quantitative signs of success. In conclusion, GO 2018 presented us with a self-assured and driven Commvault. If the vendor maintains this drive with its developers, customers, and regional teams, Commvault will be able to scale its business to new levels." The analyst comments are part of a comprehensive IDC Perspective, entitled "Commvault GO 2018 Highlights."

"Commvault GO reinforced the power of partnership and how true tech industry leaders don't just deliver you the technology you need to realize your business objectives," said Barry Hubbard, Senior Director of Global Infrastructure at TiVo. "They work with you to understand these business objectives, and invest time and resources in helping you determine how to best use both their own technology and other technologies to realize these objectives. That's what Commvault has done with TiVo. By collaborating with us on our strategic initiatives, we have been able to determine how we can better activate our data so we can provide our customers with information they can use to build even more meaningful relationships with their audiences."

Customer Business Validates Commvault Value Proposition

Commvault today also announced a list of new and existing customers who had purchased products and/or services from Commvault during its fiscal second quarter, across many industry segments and geographies from around the world:

Ace Hardware Corporation B. Riley Banner Bank

BriteSky Cisco Systems Inc. City of Kent Cork County Council Essilor Fnz I td. Gaylord Hospital **Hunter Douglas** International Christian Hospital JFK Medical Center L.L. Bean, Inc. Medical College of Wisconsin Metropolitan Atlanta Rapid Transit Authority Milliken & Company Mitchell International **Neixar Systems** Haitian International Ningbo International Logistics Development Company Ltd. Parkland Fuel Corporation PresiCarre Corporation Rochester Regional Health Sony Network Communications, Inc. Swinerton Incorporated Synthos Group S.A. U.S. Dept. of Commerce US Army US Department of the Treasury WEG Western Maryland Health System WINOV Solucoes em Tecnologia SA

Use of Non-GAAP Financial Measures

Commvault has provided in this press release the following non-GAAP financial measures: non-GAAP income from operations, non-GAAP income from operations margin, non-GAAP net income, and non-GAAP diluted earnings per share. This selected financial information has not been prepared in accordance with GAAP. Commvault uses these non-GAAP financial measures internally to understand, manage and evaluate its business and make operating decisions. In addition, Commvault believes these non-GAAP operating measures are useful to investors, when used as a supplement to GAAP financial measures, in evaluating Commvault's ongoing operational performance.

Commvault believes that the use of these non-GAAP financial measures provides an additional tool for investors to use in evaluating ongoing operating results and trends, and in comparing its financial results with other companies in Commvault's industry, many of which present similar non-GAAP financial measures to the investment community.

Commvault has also provided software and products, services and total revenues on a constant currency basis. Commvault analyzes revenue growth on a constant currency basis in order to provide a comparable framework for assessing how the business performed excluding the effect of foreign currency fluctuations. Finally, Commvault has provided free cash flow, which Commvault uses to measure the amount of cash flow the business is generating after capital expenditures.

All of these non-GAAP financial measures should be considered as a supplement to, and not as a substitute for or superior to, financial information prepared in accordance with GAAP. Investors are encouraged to review the reconciliation of these non-GAAP measures to their most directly comparable GAAP financial measures, which are provided in Table IV included in this press release.

Non-GAAP income from operations and non-GAAP income from operations margin. These non-GAAP financial measures exclude noncash stock-based compensation charges and additional FICA and related payroll tax expense incurred by Commvault when employees exercise in the money stock options or vest in restricted stock awards. In fiscal 2019 Commvault also excluded restructuring, costs related to a non-routine shareholder matter and costs associated with a non-routine legal settlement from its non-GAAP results. These expenses are further discussed in Table IV. Commvault believes that these non-GAAP financial measures are useful metrics for management and investors because they compare Commvault's core operating results over multiple periods. When evaluating the performance of Commvault's operating results and developing short and long term plans, Commvault does not consider such expenses. Although noncash stock-based compensation and the additional FICA and related payroll tax expenses are necessary to attract and retain employees, Commvault places its primary emphasis on stockholder dilution as compared to the accounting charges related to such equity compensation plans. In addition, because of the varying available valuation methodologies, subjective assumptions such as volatility, which are outside of Commvault's control and the variety of awards that companies can issue, Commvault believes that providing non-GAAP financial measures that exclude noncash stock-based compensation expense and the additional FICA and related payroll tax expenses incurred on stock option exercises and vesting of restricted stock awards allow investors to make meaningful comparisons between Commvault's operating results and those of other companies.

There are a number of limitations related to the use of non-GAAP income from operations and non-GAAP income from operations margin. The most significant limitation is that these non-GAAP financial measures exclude certain operating costs, primarily related to noncash stock-based compensation, which is of a recurring nature. Noncash stock-based compensation has been, and will continue to be for the foreseeable future, a significant recurring expense in Commvault's operating results. In addition, noncash stock-based compensation is an important part of Commvault's employees' compensation and can have a significant impact on their performance. Lastly, the components Commvault excludes in its non-GAAP financial measures may differ from the components that its peer companies exclude when they report their non-GAAP financial measures.

Commvault's management generally compensates for limitations described above related to the use of non-GAAP financial measures by providing investors with a reconciliation of the non-GAAP financial measure to the most directly comparable GAAP financial measure. Further, Commvault management uses non-GAAP financial measures only in addition to, and in conjunction with, results presented in accordance with GAAP.

Non-GAAP net income and non-GAAP diluted EPS. Non-GAAP net income excludes noncash stock-based compensation, the additional FICA and related payroll tax expenses incurred by Commvault when employees exercise in the money stock options or vest in restricted stock awards. In fiscal 2019 Commvault also excluded

restructuring, costs related to a non-routine shareholder matter and costs associated with a non-routine legal settlement from its non-GAAP results. These expenses are further discussed in Table IV. In addition, non-GAAP net income and non-GAAP diluted EPS incorporate a non-GAAP effective tax rate of 27% in fiscal 2019 and 37% in fiscal 2018.

Commvault anticipates that in any given period its non-GAAP tax rate may be either higher or lower than the GAAP tax rate as evidenced by historical fluctuations. The GAAP tax rates in recent fiscal years were not meaningful percentages due to the dollar amount of GAAP pre-tax income. For the same reason as the GAAP tax rates, the estimated cash tax rates in recent fiscal years are not meaningful percentages. Estimated cash taxes for fiscal 2018 were approximately \$6 million. Estimated cash taxes for fiscal 2019 are expected to be \$10 million and relate primarily to Commvault's international operations. Commvault defines its cash tax rate as the total amount of cash income taxes payable for the fiscal year divided by consolidated GAAP pre-tax income. Over time, Commvault believes its GAAP and cash tax rates will align. Commvault measured itself to non-GAAP tax rates of 37% in fiscal 2018 and will measure itself to a non-GAAP tax rate of 27% in fiscal 2019. The reduction in the rate is the result of U.S. corporate tax reform.

Commvault considers non-GAAP net income and non-GAAP diluted EPS useful metrics for Commvault management and its investors for the same basic reasons that Commvault uses non-GAAP income from operations and non-GAAP income from operations margin. In addition, the same limitations as well as management actions to compensate for such limitations described above also apply to Commvault's use of non-GAAP net income and non-GAAP EPS.

Conference Call Information

Commvault will host a conference call today, October 30, 2018, at 8:30 a.m. Eastern Time (5:30 a.m. Pacific Time) to discuss its financial results. To access this call, dial 844-742-4247 (domestic) or 661-378-9470 (international). The live webcast, which will include slides that will be discussed as part of Commvault's prepared remarks on the results of its recent operating review, can be accessed under the "Events" section of Commvault's website. An archived webcast of this conference call will also be available following the call.

About Commvault

Comminated is a recognized global leader in enterprise backup, recovery, and data management across any hybrid environment. Commvault's converged data management solution redefines what backup means for the progressive enterprise through solutions that protect, manage and use their most critical asset — their data. Commvault software, solutions and services are available from the company and through a global ecosystem of trusted partners. Commvault employs more than 2,500 highly-skilled individuals across markets worldwide, is publicly traded on NASDAQ (CVLT), and is headquartered in Tinton Falls, New Jersey in the United States. To learn more about Commvault visit www.commvault.com

Safe Harbor Statement

This press release may contain forward-looking statements, including statements regarding financial projections, which are subject to risks and uncertainties, such as competitive factors, difficulties and delays inherent in the development, manufacturing, marketing and sale of software products and related services, general economic conditions, outcome of litigation and others. For a discussion of these and other risks and uncertainties affecting Commvault's business, see "Item IA. Risk Factors" in our annual report in Form 10-K and "Item 1A. Risk Factors" in our most recent quarter report in Form 10-Q. Statements regarding Commvault's beliefs, plans, expectations or intentions regarding the future are forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from anticipated results. Commvault does not undertake to update its forward-looking statements. The development and timing of any product release as well as any of its features or functionality remain at our sole discretion.

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Consolidated Statements of Operations (In thousands, except per share data) (Unaudited)

	(character)	Three Months Ended September 30,			Six	tember 30,			
			2018		2017		2018		2017
Revenues:					_				
Software and products		\$	69,504	\$	72,020	\$	144,554	\$	146,781
Services			99,574		96,120		200,701		187,331
Total revenues			169,078		168,140		345,255		334,112
Cost of revenues:									
Software and products			5,049		1,086		9,169		1,891
Services			21,824		22,181		45,310		43,037
Total cost of revenues			26,873		23,267		54,479		44,928
Gross margin			142,205		144,873		290,776		289,184
Operating expenses:									
Sales and marketing			89,494		100,595		187,110		200,504
Research and development			24,507		22,925		49,301		45,470
General and administrative			24,004		23,620		46,546		47,471
Restructuring			494		_		8,389		_
Depreciation and amortization			2,700		2,388		5,233		4,755
Total operating expenses			141,199		149,528		296,579		298,200
Income (loss) from operations			1,006		(4,655)		(5,803)		(9,016)
Interest income			1,148		539		2,039		972
Interest expense			_		(234)		_		(466)
Equity in loss of affiliate			_		(162)		_		(123)
Income (loss) before income taxes		_	2,154		(4,512)		(3,764)		(8,633)
Income tax expense (benefit)			1,263		(3,502)		3,912		(7,339)
Net income (loss)		\$	891	\$	(1,010)	\$	(7,676)	\$	(1,294)
Net income (loss) per common share:									
Basic		\$	0.02	\$	(0.02)	\$	(0.17)	\$	(0.03)
Diluted		\$	0.02	\$	(0.02)	\$	(0.17)	\$	(0.03)
Weighted average common shares outstanding:									
Basic			45,880		45,598		45,666		45,364
Diluted			47,798		45,598		45,666		45,364

Condensed Consolidated Balance Sheets (In thousands) (Unaudited)

	September 30, 2018	March 31, 2018
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 353,18	
Short-term investments	130,91	
Trade accounts receivable	137,33	8 162,119
Other current assets	21,03	4 22,248
Total current assets	642,47	2 646,788
Property and equipment, net	126,29	2 128,612
Deferred commissions cost	32,29	0 33,092
Other assets	8,98	1 10,150
Total assets	\$ 810,03	5 \$ 818,642
LIABILITIES AND STOCKHOLDERS' EQ	QUITY	
Current Liabilities:		
Accounts payable	\$ 34	9 \$ 761
Accrued liabilities	71,43	1 82,299
Deferred revenue	223,19	2 241,113
Total current liabilities	294,97	2 324,173
Deferred revenue, less current portion	92,51	4 84,661
Deferred tax liabilities, net	2,30	4 2,430
Other liabilities	3,10	0 3,314
Total stockholders' equity	417,14	5 404,064
Total liabilities and stockholders' equity	\$ 810,03	

Consolidated Statements of Cash Flows (In thousands) (Unaudited)

	(Chaudicu)	Three Months End	ed September 30,	Six Months Ended 30,	September
	<u> </u>	2018	2017	2018	2017
Cash flows from operating activities					
Net income (loss)	\$	891	\$ (1,010)	\$ (7,676)	\$ (1,294)
Adjustments to reconcile net loss to net cash provided by operating activities:		2.042	2.505	0.000	
Depreciation and amortization		3,013	2,795	6,072	5,567
Noncash stock-based compensation		17,750	19,821	35,754	39,385
Deferred income taxes		(168)	(1,459)	(273)	(2,789)
Equity in loss of affiliate		_	162	_	123
Amortization of deferred commissions cost		4,301	3,738	8,916	8,339
Changes in operating assets and liabilities:					
Trade accounts receivable		12,823	1,342	21,495	12,439
Other current assets and Other assets		1,965	(3,553)	4,884	(12,778)
Deferred commissions cost		(3,824)	(3,904)	(8,866)	(7,514)
Accounts payable		(6)	(268)	(382)	60
Accrued liabilities		(11,798)	(8,033)	(13,736)	(19,109)
Deferred revenue		(7,094)	(5)	(3,796)	7,413
Other liabilities		(93)	59	138	(224)
Net cash provided by operating activities		17,760	9,685	42,530	29,618
Cash flows from investing activities					
Purchase of short-term investments		(54,267)	(33,102)	(65,519)	(77,174)
Proceeds from maturity of short-term investments		33,102	33,310	66,237	66,609
Purchase of property and equipment		(477)	(1,160)	(3,998)	(2,634)
Net cash used in investing activities	_	(21,642)	(952)	(3,280)	(13,199)
Cash flows from financing activities					
Repurchase of common stock		(13,288)	(11,259)	(38,303)	(11,259)
Proceeds from stock-based compensation plans		16,228	11,165	29,626	16,735
Net cash provided by (used in) financing activities		2,940	(94)	(8,677)	5,476
Effects of exchange rate — changes in cash		2,211	5,170	(8,176)	11,945
Net increase in cash and cash equivalents		1,269	13,809	22,397	33,840
Cash and cash equivalents at beginning of period		351,912	349,522	330,784	329,491
Cash and cash equivalents at end of period	\$	353,181	\$ 363,331	\$ 353,181	\$ 363,331

Reconciliation of GAAP to Non-GAAP Financial Measures and Other Financial Information (In thousands, except per share data) (Unaudited)

	Thr	Three Months Ended September 30,				Six Months Ended Septembe 30,			
		2018 2017			2018	2017			
Non-GAAP financial measures and reconciliation:									
GAAP income (loss) from operations	\$	1,006	\$	(4,655)	\$	(5,803)	\$ (9,016)		
Noncash stock-based compensation (1)		17,446		19,821		34,540	39,385		
FICA and payroll tax expense related to stock-based compensation (2)		520		440		1,603	1,093		
Restructuring (3)		494		_		8,389	_		
Non-routine shareholder matters (4)		4,206		_		7,755	_		
Litigation settlement (5)		1,400		_		1,400	_		
Non-GAAP income from operations	\$	25,072	\$	15,606	\$	47,884	\$ 31,462		
	_				_				
GAAP net income (loss)	\$	891	\$	(1,010)	\$	(7,676)	\$ (1,294)		
Noncash stock-based compensation (1)		17,446		19,821		34,540	39,385		
FICA and payroll tax expense related to stock-based compensation (2)		520		440		1,603	1,093		
Restructuring (3)		494		_		8,389	_		
Non-routine shareholder matters (4)		4,206		_		7,755	_		
Litigation settlement (5)		1,400		_		1,400	_		
Equity in loss of affiliate (6)		_		162		_	123		
Non-GAAP provision for income taxes adjustment (7)		(5,816)		(9,389)		(9,567)	(19,167)		
Non-GAAP net income	\$	19,141	\$	10,024	\$	36,444	\$ 20,140		
Diluted weighted average shares outstanding (8)		47,798		48,186		47,770	47,888		
	<u> </u>		¢		<u> </u>				
Non-GAAP diluted net income per share	\$	0.40	Þ	0.21	Þ	0.76	\$ 0.42		

	Th	Three Months Ended September 30,			Si	ix Months Ende	ptember 30,	
		2018 2017			2018		2017	
Subscription and Utility Software and Related Support Services	\$	34,370	\$	14,396	\$	63,440	\$	34,704
Recurring Support and Services		85,969		84,384		173,447		163,881
Total repeatable revenue	\$	120,339	\$	98,780	\$	236,887	\$	198,585
Percentage of Total Revenues		71 %		59 %		69 %		59 %
Perpetual software and product revenue	\$	39,766	\$	59,440	\$	89,366	\$	116,596
Other professional services		8,973		9,920		19,002		18,931
Total non-repeatable revenue	\$	48,739	\$	69,360	\$	108,368	\$	135,527
Percentage of Total Revenues		29 %		41 %		31 %		41 %
Total Revenue (9)	\$	169,078	\$	168,140	\$	345,255	\$	334,112

Measures at period ending (\$000s)

	March 31	1, 2017	June 30, 2017	Sep	otember 30, 2017	D	December 31, 2017	March 31, 2018	June 30, 2018	Sep	tember 30, 2018
Subscription and Utility Annual Contract Value (10)	\$	30,000	\$ 38,000	\$	39,000	\$	43,000	\$ 54,000	\$ 64,000	\$	76,000

Three Months Ended September 30, 2018

		-		
	 Americas	EMEA	APAC	Total
Software and Products Revenue	\$ 41,376 \$	17,526 \$	10,602 \$	69,504
Customer Support Revenue	59,675	20,443	9,489	89,607
Professional Services	5,489	2,705	1,773	9,967
Total Revenue	\$ 106,540 \$	40,674 \$	21,864 \$	169,078

Three Months Ended September 30, 2017

	Americas		EMEA	APAC	Total
Software and Products Revenue	\$	40,704 \$	21,049 \$	10,267 \$	72,020
Customer Support Revenue		58,205	18,625	8,947	85,777
Professional Services		5,965	2,759	1,619	10,343
Total Revenue	\$	104,874 \$	42,433 \$	20,833 \$	168,140

Six Months Ended September 30, 2018

	Americas		EMEA	APAC	Total
Software and Products Revenue	\$	83,492 \$	39,551 \$	21,511 \$	144,554
Customer Support Revenue		120,101	40,802	19,110	180,013
Professional Services		11,274	5,931	3,483	20,688
Total Revenue	\$	214,867 \$	86,284 \$	44,104 \$	345,255

Six Months Ended September 30, 2017

	Α	mericas	EMEA	APAC	Total
Software and Products Revenue	\$	80,715 \$	44,821 \$	21,245 \$	146,781
Customer Support Revenue		114,394	35,736	17,537	167,667
Professional Services		10,826	5,304	3,534	19,664
Total Revenue	\$	205,935 \$	85,861 \$	42,316 \$	334,112

	Three Months Ended	ember 30, 2018	Six N	30, 2018	
	 Sequential		Year Over Year		Year Over Year
Non-GAAP software and products revenue reconciliation					
GAAP software and products revenue	\$ 69,504	\$	69,504	\$	144,554
Adjustment for currency impact	718		1,289		85
Non-GAAP software and products revenue on a constant currency basis (11)	\$ 70,222	\$	70,793	\$	144,639
	 Three Months Ended	ember 30, 2018	Six N	Nonths Ended September 30, 2018	
	Sequential		Year Over Year		Year Over Year
Non-GAAP services revenue reconciliation					
GAAP services revenue	\$ 99,574	\$	99,574	\$	200,701
Adjustment for currency impact	 1,147		1,325		(508)
Non-GAAP services revenue on a constant currency basis (11)	\$ 100,721	\$	100,899	\$	200,193
	 Three Months Ended	1 Sept	ember 30, 2018	Six Months Ended September 30, 2018	
	Sequential		Year Over Year		Year Over Year
Non-GAAP total revenue reconciliation					
GAAP total revenues	\$ 169,078	\$	169,078	\$	345,255
Adjustment for currency impact	 1,865		2,614		(423)
Non-GAAP total revenues on a constant currency basis (11)	\$ 170,943	\$	171,692	\$	344,832

	Thi	ree Months E		d September	S	Six Months Ended September 30,			
	_	2018		2017		2018		2017	
Non-GAAP free cash flow reconciliation:									
Net cash provided by operating activities	\$	17,760	\$	9,685	\$	42,530	\$	29,618	
Purchase of property and equipment		(477)		(1,160)		(3,998)		(2,634)	
Purchases for corporate campus headquarters (12)		_		_		1,855		_	
Non-GAAP free cash flow	\$	17,283	\$	8,525	\$	40,387	\$	26,984	

Footnotes - Adjustments

1. Represents noncash stock-based compensation charges associated with stock options, restricted stock units granted and our Employee Stock Purchase Plan. Those amounts are represented as follows:

	Thr	ee Months En	eptember 30,	s	Six Months Ended September 30,			
	2018		2017		2018			2017
Cost of services revenue	\$	756	\$	751	\$	1,512	\$	1,502
Sales and marketing		9,071		8,984		18,595		18,424
Research and development		2,274		2,070		4,489		4,140
General and administrative		5,345		8,016		9,944		15,319
Stock-based compensation expense	\$	17,446	\$	19,821	\$	34,540	\$	39,385

In the three and six months ended September 30, 2018, the table above excludes \$304 and \$1,214, respectively, if stock-based compensation expense related to the Company's restructuring activities described below in footnote

- 2. Represents additional FICA and related payroll tax expenses incurred by Commvault when employees exercise in the money stock options or vest in restricted stock awards.
- 3. In fiscal 2019 Commvault initiated a restructuring plan to increase efficiency in its sales, marketing and distribution functions as well as reduce costs across all functional areas. These restructuring charges relate primarily to severance and related costs associated with headcount reductions. Restructuring includes \$304 and \$1,214 of stock-based compensation for the three and six months ended September 30, 2018, respectively, related to modifications of awards granted to former employees. Management believes, when used as a supplement to GAAP results, that the exclusion of these charges will better help investors and financial analysts understand Commvault's operating results and underlying operational trends as compared to prior periods.
- 4. During fiscal 2019 Commvault incurred costs related to a non-routine shareholder matter. The costs are for professional fees related to the settlement agreement with the shareholder and consulting fees incurred with the operational review which was agreed to as part of the settlement. Management believes, when used as a supplement to GAAP results, that the exclusion of these costs will better help investors and financial analysts understand Commvault's operating results and underlying operational trends as compared to prior periods.
- 5. During the second quarter of fiscal 2019 Commvault incurred costs related to a litigation settlement. Management believes, when used as a supplement to GAAP results, that the exclusion of these costs will help investors and financial analysts understand Commvault's operating results and underlying operational trends as compared to prior periods.
- 6. Represents Commvault's share of income or loss from its investment in Laitek, Inc.
- 7. The provision for income taxes is adjusted to reflect Commvault's estimated non-GAAP effective tax rate of 27% in fiscal 2019 and 37% in fiscal 2018.
- 8. For GAAP purposes the potentially dilutive impact of options and shares associated with our stock-based compensation programs were excluded from the calculation of GAAP loss per share in certain periods ended September 30, 2018 and 2017 because they would have been anti-dilutive. For purposes of non-GAAP income per share the impact of dilutive options and shares has been included.
- 9. This table includes the following financial metric that is derived from Commvault's GAAP recognized revenue:

Subscription and Utility Software and Related Support Services - The amounts included on this line include a) non-cancellable term-based, or subscription, licenses (inclusive of both recognized software and recognized maintenance and support revenues) that expire at the end of the contractual term; and b) "pay-as-you-go" utility arrangements based on product usage (inclusive of both recognized software and maintenance and support revenues) that are structured with no guaranteed minimums. The amount includes both Software and Products Revenue and Services Revenue.

Recurring Support and Services - The amounts included on this line consist primarily of maintenance and support revenues associated with the sale of perpetual software arrangements. This revenue is included in Services Revenue on Commvault's Consolidated Statement of Operations.

Perpetual Software and Product Revenues - The amounts included on this line are primarily associated with the sale of perpetual software transactions. These revenues are included in Software and Products Revenue on Commvault's Consolidated Statement of Operations.

Other Professional Services - The amounts included on this line are primarily revenues associated with Commvault's installation and consultation services. These revenue are included in Services Revenue on Commvault's Consolidated Statement of Operations.

Management believes that also reviewing these metrics, in addition to GAAP results, helps investors and financial analysts understand the repeatable nature of certain revenue amounts and trends as compared to prior periods.

Note that nearly all of Commvault's software and product revenue is related to solutions that are run in the customer's environment. Commvault currently does not have material revenue related to hosted, or software as a solution products. As a result, as required under ASC 606, substantially all of Commvault's software and product revenue is recognized at a point in time, when it is delivered to the customer, and not ratably over the course of a contractual period. This is the case for both perpetual software licenses and subscription software licenses.

- 10. This table includes the Subscription and Utility Annual Contract Value (ACV) metric that is comprised of:
 - a. Subscription ACV the annualized equivalent of the total contract value (both software and related support services) of all non-cancellable subscription agreements. Over the past six quarters, the weighted average contract length of subscription agreements has been approximately three years. The total contract value includes all active contracts at the end of each fiscal quarter.
 - b. Utility ACV "pay-as-you-go" utility arrangements based on product usage (inclusive of both software and related support services) that are structured with no guaranteed minimums. The amounts included in Utility ACV have been annualized based on the actual reported quarterly amount in the most recent fiscal quarter.

Management believes that reviewing this ACV metric, in addition to our GAAP results, helps investors and financial analysts understand the value of arrangements that may potentially result in future revenues. Commvault believes this metric normalizes the variations in contractual length among our subscription and utility transactions and will help investors and analysts to track Commvault's transition to more potentially repeatable revenue streams.

- 11. Revenues on a constant currency basis are calculated using the average foreign exchange rates from a previous period and applying these rates to foreign-denominated revenues in the corresponding period of fiscal 2019. The difference between revenue calculated based on these foreign exchange rates and revenues calculated in accordance with GAAP is listed as Adjustment for currency impact in the table above.
- 12. In the first quarter of fiscal 2019 Commvault made a purchase of land adjacent to its global corporate headquarters. Due to the non-routine nature of this transaction, the amount has been adjusted from the calculation of non-GAAP free cash flow.

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COMMVAULT REPORTS TRANSFORMATION PROGRESS

- -- Company Provides Update to Commvault Advance Strategic Transformation --
- -- Introduces New Reporting Metrics to Track Accelerating Subscription Revenue Transition --
 - -- Announces 25%+ Non-GAAP Operating Margin Target for FY2021 --

Tinton Falls, N.J. – October 30, 2018 - Commvault (NASDAQ: CVLT), a global leader in enterprise backup, recovery, archive, the cloud and data management across any hybrid environment, today provided an update on the progress of *Commvault Advance*, a multi-pronged transformation initiative spanning a series of actions designed to drive improved business performance.

The core of *Commvault Advance* is to simplify the business, drive improved and sustainable revenue growth, and improve profitability through increasing operating leverage. *Commvault Advance* began implementation internally nearly 18 months ago with an agenda of product development enhancements designed to make products more powerful and simple, continued with strategic partner actions in 2017 and 2018, and is most recently evidenced by reorganization and restructuring efforts in fiscal 2018. It was publicly announced at the beginning of the company's new fiscal year, starting April 1, 2018.

"We have made substantial progress across a range of initiatives in the Commvault Advance transformation, which has been a journey designed to position the company for its next phase of growth and profitability," said N. Robert Hammer, Commvault Chairman, President and CEO. "We have re-focused the business to be a 'partner of choice' to an expanded distribution and alliance ecosystem, showcased Commvault innovation to again lead the market, and aligned resources to improve go-to-market effectiveness, and capitalize on our opportunities to create improved value for shareholders, partners and customers alike."

Commvault today announced that it has made significant progress toward achieving Commvault Advance objectives, including:

• Significant sales and marketing resource moves in support of a partner-led strategy, with a material portion of field resources being re-deployed in support of partner routes to market.

- Commvault Advance prioritized improvements to the company's bottom line performance, efforts which have shown substantial progress since being first announced in May 2018: The Company successfully completed a first round of cost reductions, with actions worldwide that reduced, consolidated and aligned resources across all functional areas. These efforts included an examination of contracted and full-time resources, T & E, and third-party expenses and resulted in a 61% increase in Q2FY19 year-over-year non-GAAP⁽¹⁾ operating income.
- Commvault also reported substantial progress on a series of strategic governance initiatives announced as part of *Commvault Advance* and in agreement with Elliott Management: Commvault and its Board of Directors have initiated a CEO search, which is on track and well underway; appointed two new independent members to its Board (in addition to two other new independent directors appointed by the Company on its own); formed an operations committee of the board whose work is ongoing; and has engaged and successfully completed projects with an outside strategic consultant focused on company operations and go-to-market activities all designed to identify additional opportunities for improvement and value creation.

Commvault Delivers on Partner-Led Strategy

Commvault said additional progress had been made under Commvault Advance in the focus on a partner-led business model:

- In addition to the resource shifts that established robust route-to-market teams, Commvault launched a new Partner Success Desk, an improved Quote Center, a strong new Partner Demand Center, and updated its Partner Portal, all in a multi-pronged effort to demonstrate its commitment to being a strong and committed partner for its expanding ecosystem. Those efforts were underscored by the hiring of known partner-facing executives (live link to latest release) into global leadership roles.
- Commvault said its partner-led initiatives were creating momentum: the company continued to announce new and enhanced strategic partnerships like those with NetApp, HPE, Cisco, IBM, Alibaba, and Huawei); partners applauded the timeliness of Commvault's offerings for GDPR use cases; and the company's first partner summit was over-subscribed with more than 400 participants.
- Since the public launch of *Commvault Advance*, the company has smartly consolidated its leading backup & recovery and data management portfolio from 20 to 6 SKUs into four core products (Commvault Complete Backup & Recovery, Commvault HyperScale, Commvault Orchestrate and Commvault Activate); simplified its pricing structure and competitiveness; and streamlined the process to take products to market from development through to sales. The result: Commvault's products are easier for customer to buy and easier for partners to sell.

"I couldn't be more impressed with the energy and commitment I see from Commvault and its partner leaders who are not just saying they are more partner friendly they have committed real resources, people and programs to make it easier to sell Commvault solutions," said Vincent Chang, President, Arrowsoft Solutions. "And not only has Commvault demonstrated commitment to their ecosystem at all levels, at Commvault GO they again raised the bar on innovation with products and enhancements that outpace their competitors."

(1) See our financial press release from October 30, 2018 for an explanation and reconciliation of non-GAAP operating income

Commvault Accelerates Subscription Revenue Model Transition

Beginning in fiscal 2018, Commvault began transitioning a significant portion of revenue to subscription pricing models. The company believes this transition has benefits to both customers and Commvault. Market feedback has been strongly positive, as many customers report that consumption-based pricing, such as a subscription arrangement, is very high on their list of prerequisites for a data management solution.

As part of the subscription revenue model transition, Commvault is introducing new reporting metrics to track the growth of its subscription revenue and repeatable revenue streams. Approximately 71% of Q2FY19 total revenue was repeatable in nature, and repeatable revenue has been consistently growing in excess of legacy pricing models (up 22% year-over-year in Q2FY19). The recent growth of repeatable revenue streams has been driven by subscription software and products revenue. Subscription arrangements represented a record 43% of software and products revenue in Q2FY19. Additionally, Commvault is introducing a subscription and utility annual contract value (ACV) metric to enable visibility into the growth of its subscription and utility based pricing business. In Q2FY19, subscription and utility ACV grew approximately 90% year-over-year to \$76 million. Commvault expects subscription and utility ACV to grow to approximately \$240 million by FY2021.

Multi-Year Business Model Transformation

As a result of the Commvault Advance initiatives, Commvault is releasing a new multi-year business plan with revenue and non-GAAP operating margin targets, including:

- Revenue growth of approximately 2% in FY2019, driven by a combination of continued subscription revenue headwinds and temporary disruption from the transformational changes
- Revenue growth of approximately 9% in FY2020 and FY2021 as the partner-led strategy gains momentum and subscription revenue streams continue to build
- Non-GAAP operating margin targets of approximately 20% in FY2020 and 25%+ in FY2021 based on targeted cost actions and ongoing efficiency initiatives to drive productivity

Additionally, on October 18, 2018, the Board of Directors authorized an increase to the repurchase program so that \$200 million is available for ongoing repurchases and they extended the expiration date of the program to March 31, 2020.

About Commvault

Commvault is the recognized leader in data backup and recovery. Commvault's converged data management solution redefines what backup means for the progressive enterprise through solutions that protect, manage and use their most critical asset — their data. Commvault software, solutions and services are available from the company and through a global ecosystem of trusted partners. Commvault employs more than 2,500 highly-skilled individuals across markets worldwide, is publicly traded on NASDAQ (CVLT), and is headquartered in Tinton Falls, New Jersey in the United States. To learn more about Commvault visit www.commvault.com

Safe Harbor Statement: Customers' results may differ materially from those stated herein; Commvault does not guarantee that all customers can achieve benefits similar to those stated above. This press release may contain forward-looking statements, including statements regarding financial projections, which are subject to risks and uncertainties, such as competitive factors, difficulties and delays inherent in the development, manufacturing, marketing and sale of software products and related services, general economic conditions and others. Statements regarding Commvault's beliefs, plans, expectations or intentions regarding the future are forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from anticipated results. Commvault does not undertake to update its forward-looking statements. The development and timing of any product release as well as any of its features or functionality remain at our sole discretion.

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This presentation may contain forward-looking statements, including statements regarding financial projections, which are subject to risks and uncertainties, such as competitive factors, difficulties and delays inherent in the development, manufacturing, marketing and sale of software products and related services, general economic conditions, outcome of litigation and others. For a discussion of these and other risks and uncertainties affecting Commvault's business, see "Item IA. Risk Factors" in our annual report in Form 10-K and "Item 1A. Risk Factors" in our most recent quarter report in Form 10-Q. Statements regarding Commvault's beliefs, plans, expectations or intentions regarding the future are forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. All such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from anticipated results. Commvault does not undertake to update its forward-looking statements. The development and timing of any product release as well as any of its features or functionality remain at our sole discretion.

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► Commvault® Advance

A plan for sustainable, long term growth and profitability



Transform the Core Business: Predictable, Sustainable Growth



Establish the Foundation for Accelerating Growth



Achieve **25%+**Operating Margins
in FY'21

3

Business model optimization

Driving shareholder value



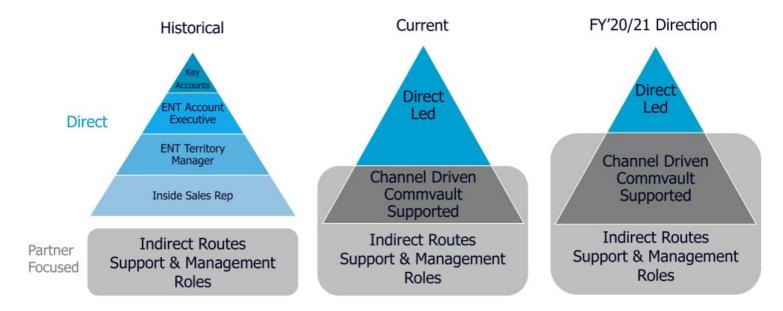
Best-in-class product strategy – Portfolio simplification

SKU consolidation drives simplification and platform unification



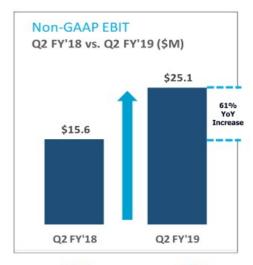
- COMPLETE CAN BE EXTENDED to address customer scale and complexity challenges

▶ Business model optimization — Sales reorganization



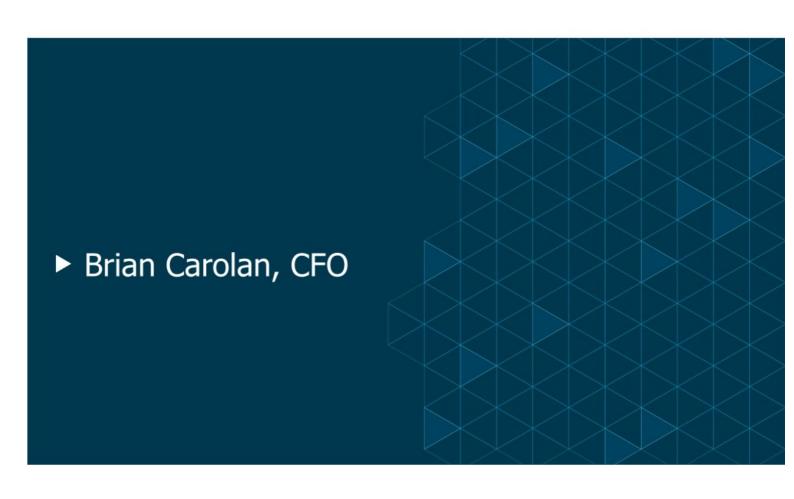
Business model optimization – Update

- Commvault[®] Advance Phase 1 began during Q1 FY'19
 - · Instituted operating expense reductions
 - Reduced workforce by ~200 heads (7% of total) in 1st half 2019
 - · Instituted other cost savings working with leading consulting firm
 - Q2 Opex reduction 10% YoY
- Impact in Q2 FY'19
 - Operating margins up 61% YoY
 - Free cash flow 2x improvement YoY
- Major re-organization of Sales and Marketing implemented in early Q2 FY'19
- Continued cost reductions in 2nd half FY'19





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Revenue model transition – Transition to repeatable revenue streams

	P&L Recogni	tion Impact					
	Upfront/Point in Time	Ratably Over Time					
Repeatable ~70% of Revenue	Subscription Software Generally three year committed contracts Includes appliance offerings Not hosted	Maintenance Contracts Generally annual contracts Vast majority of services revenue Utility Software "Pay As You Go" based on quarterly usage					
Non-Repeatable ~30% of Revenue	Perpetual Software • Historically the vast majority of software and product revenue Professional Services • Primarily consulting and implementation services						

Transition to repeatable subscription models – Benefits customers and Commvault®

CUSTOMER BENEFITS

- Simplifies the procurement process
- · Lower up-front commitment
- · Aligns with move to the cloud
- Flexibility to change environment over time based on changes to customer/technology

COMMVAULT BENEFITS

- Facilitates new customer acquisition
- · Increases the lifetime value of a customer
- Drives predictable and repeatable revenue given 90%+ historical support renewal rates
- · Aligns with our customer success model

- ► Transition to repeatable subscription models —
 Perpetual vs. Subscription license comparison recognized revenue (\$ in 000′s)
 - · Headwind to first year Software and Support recognized revenue but greater lifetime value
 - · Crossover to accretive value upon the first renewal

	Y	ear 1	Υe	ear 2	Ye	ear 3	Υe	ear 4	Ye	ear 5	Y	ear 6	3	Year	6	Year
Perpetual License	s & M	ainte	ena	nce	:											
Software and Products Revenue	\$	245	\$	28	\$	525	\$	323	\$	12	\$					
Customer Support Revenue		45		45	77	45	=	45	10000	45		45			7-127	
Total Revenue	\$	290	\$	45	\$	45	\$	45	\$	45	\$	45	\$	380	\$	515
Cumulative Revenue	\$	290	\$	335	\$	380	\$	425	\$	470	\$	515			8 500	
Subscription Licor	acoc: r	aid s	n n	wal	IV.	or II	nfr	ont								
Subscription Licer	nses; p		ann		ly (-		8	100	ć	100				
Subscription Licer	nses; p	paid a	ann \$	nual	ly (or u	pfr \$	ont	\$	100	\$	100				
-	ses; p		\$ \$		\$ \$		-		\$	100	\$	100				
Annual Contract Value	\$	100	\$		\$ \$		-	100	\$	100	\$	100 - 35				
Annual Contract Value Software and Products Revenue	\$	100 195	\$	100	\$ \$ \$	100	-	100 195	\$ \$ \$	-	\$ \$	ī	\$	300	\$	600

3 Year Cumulative Revenue Comparison -21%
6 Year Cumulative Revenue Comparison +17%

Two new financial metrics

Introducing two new metrics to supplement our reported results

Repeatable vs.
Non-Repeatable Revenue

Subscription and Utility Annual Contract Value (ACV)

Will provide additional insight into the progress we are making in our revenue model transition to a repeatable/subscription based model

► Repeatable revenue transition — Historical repeatable revenue stratification (in '000s)

- Enhancing our Earnings Release & SEC Filings with new table disclosing reported Repeatable vs non-Repeatable Revenue
- Historical amounts are disclosed in below table (see appendix for additional historical results)

	Full Year					YTD
	FY'18		Q1'19		Q2'19	FY'19
Repeatable Revenue:						
Subscription and Utility Software*	\$ 86,855	\$	29,070	\$	34,370	\$ 63,440
Recurring Support and Services**	338,597		87,478		85,969	173,447
Total repeatable revenue	\$ 425,452	\$	116,548	\$	120,339	\$ 236,887
% of Total Revenue	61%	- Contract	66%	33.	71%	69%
YoY Growth %			+17%		+22%	+19%

Total non-repeatable revenue	4	273,941	\$ 59,629	4	48,739	¢	108,368
Other professional services		39,748	10,029		8,973		19,00
Perpetual software and product revenue	\$	234,193	\$ 49,600	\$	39,766	\$	89,36

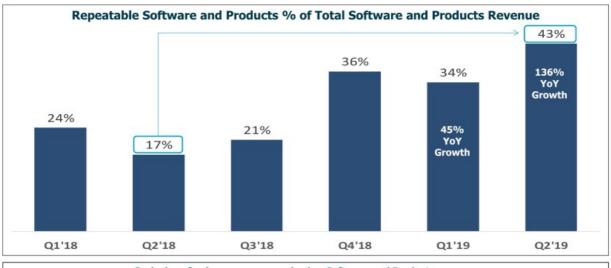
Total Revenue	\$ 699,393	\$	176,177	\$ 169,078	\$ 345,255
YoY Growth %	 	100 march	+6%	 +1%	 +3%

^{*} Inclusive of revenue recognized as maintenance and support associated with these transactions ** Primarily maintenance and support on perpetual transactions

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Repeatable revenue transition – Repeatable mix of software and products revenue

- Higher Subscription Mix Represents a Headwind to Software and Products Revenue
- · Q2 subscription mix higher than expected and the highest mix since the transition began
- · Focused on driving greater lifetime value and greater predictability with customers



Inclusive of only revenue recognized as Software and Products revenue

Subscription and Utility Annual Contract Value (ACV)

How is Subscription and Utility ACV defined in our business model?

- Annualized equivalent of the total contract value of all subscription and utility transactions, inclusive
 of revenue recognized as maintenance and support, measured at the end of each fiscal quarter
- Includes i) subscription software transactions based on total contract value and
 ii) utility transactions annualized based on quarterly usage.
- · Normalizes the variations in contractual length among our subscription and utility transactions

Why is Annual Contract Value an important financial metric?

- Demonstrates the growth of our modern subscription and utility based pricing
- Valuable metric to understand evolving customer behaviors, success of new customer acquisition, land-and-expand growth strategies and upsell initiatives
- Drive decision making for sales and marketing strategies and customer success/retention strategies

Historical annual contract value – Subscription and Utility ACV





Multi-year business model transformation – Revenue and earnings targets - FY'19 Quarterly





Overview of Key Initiatives

- Worked with leading consulting firm to define and implement changes to the sales force, go to market channel resource allocation, and pricing strategy
- Acted decisively to implement changes in-quarter to execute our transformation strategy
- Q2 saw higher than anticipated subscription revenue mix and temporary disruption from the implementation of the changes
- Major transformational changes have been completed and the entire organization is focused on go-forward execution
- Key initiatives are now in place; however, Q3 and Q4 guidance reflects continued subscription mix headwind and prudent conservativism given the pace of transformation

Business model optimization – Multi-year business model transformation

FY'19: Assessment and Planning

Revenue Growth Target

Low single digits

Target Margins

14.5% - 15%

Key Initiatives

- · Cost structure analysis
- · Distribution model changes
- · Product SKU reduction

FY'20: Efficiency and Channel Execution

Revenue Growth Target

At Least 9%

Target Margins

At Least 20%

Key Initiatives

- · Full benefit of cost reductions
- · Distribution leverage
- Focused product investment

FY'21: Growth Acceleration

Revenue Growth Target

At Least 9%

Target Margins

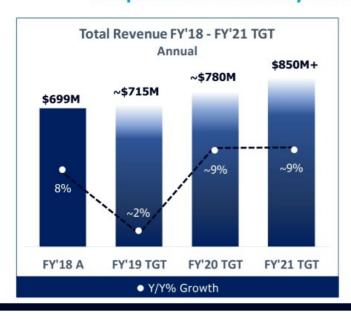
25%+

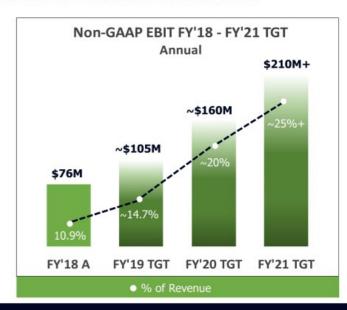
Key Initiatives

- · Operating expense leverage
- · Distribution leverage
- · Enhance strategic products

Multi-year business model transformation – Revenue and earnings targets - FY'18 to FY'21

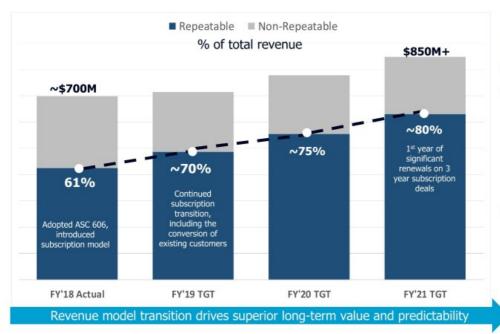
Simplification + Efficiency + Investment = Robust Profit Growth





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Revenue model transition – Target revenue stratification Repeatable vs. Non-repeatable revenue



FY'19 Transition Year

- Completed product and license simplification
- Transformed distribution model

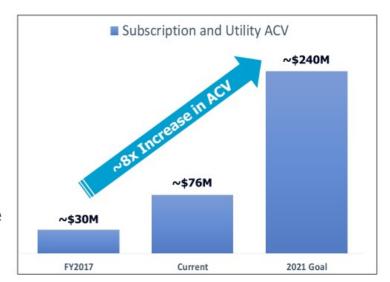
FY'20 – 21 Acceleration from traditional license model to subscription

 Represents a modest headwind but results in better long-term value and predictability

Target Subscription and Utility ACV

Transition to Subscription Models

- Our goal is to drive an increasing proportion of subscription and utility licenses with the goal of approximately \$240M of ACV by the end of FY2021
- Note that ASC 606 requires us to recognize software and products revenue at a point in time, and not ratably over the contract



Business model optimization – Operating expense targets

- Targeted actions to be completed by end of FY'19
- Cost savings offset by increased core product reinvestment
- · Headcount actions:
 - FY'19 YTD reduction of ~200 (or 7%)
 - Focus on non-quota bearing headcount and non-productive sales assets
 - Target best-in-class industry ratios
- Reduction in FY'20 and FY'21 will be driven by operating leverage





Repatriation of cash

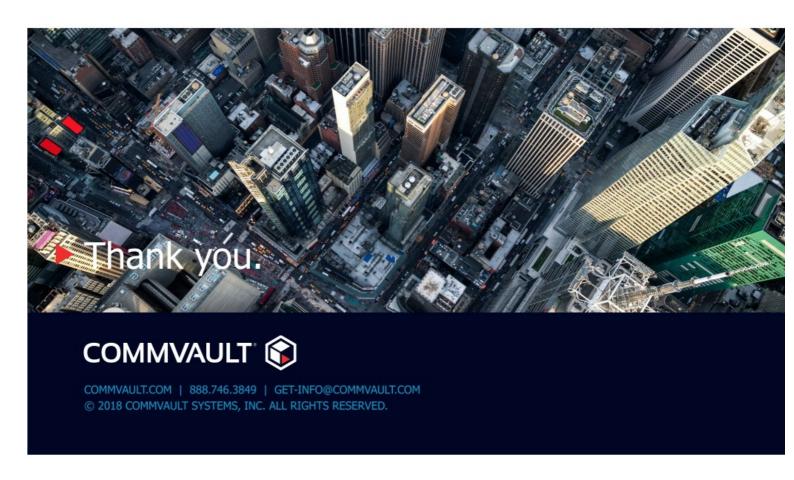
- Will continue to repatriate excess foreign cash to the US
- Repatriation of cash requires compliance with foreign regulations
- Need to maintain liquidity in the 35+ countries we operate
- Approximately 90% of future cash flows available in the US



Share Repurchase Authorization

- Through October 29, 2018, we have repurchased approximately \$47 million of our common stock in fiscal 2019.
- On October 18, 2018, our Board of Directors extended the expiration date of the share repurchase program to March 31, 2020 and authorized an increase to the repurchase program so that \$200 million was available.







Repeatable revenue transition — Historical repeatable revenue stratification (in '000s)

Historical repeatable revenue stratification (in '000s)							Full Year							YTD	
		Q1'18	9	Q2'18		Q3'18		Q4'18		FY'18		Q1'19	Q2'19		FY'19
Repeatable Revenue	:														
ubscription and Utility Software*	\$	20,308	\$	14,396	\$	19,021	\$	33,130	\$	86,855	\$	29,070	\$ 34,370	\$	63,440
ecurring Support and Services**		79,497		84,384		86,333		88,383		338,597		87,478	85,969		173,447
otal repeatable revenue	\$	99,805	\$	98,780	\$	105,354	\$	121,513	\$	425,452	\$	116,548	\$ 120,339	\$	236,887
of Total Revenue		60%	-	59%	-	58%		66%		61%	-	66%	71%	П	69%
oY Growth %												+17%	+22%		+19%

										100
Total Revenue	\$ 165,972	\$ 168,140	\$ 180,366	\$ 184,915	\$ 699,393	\$ 176,177	\$	169,078	\$	345,255
YoY Growth %						+6%	*	+1%	0	+3%

\$ 63,402

273,941

59,629

34%

-10%

108,368

31%

-20%

48,739

29%

-30%

\$ 66,167

69,360

\$ 75,012

Total non-repeatable revenue

% of Total Revenue

YoY Growth %

^{*} Inclusive of revenue recognized as maintenance and support associated with these transactions

^{**} Primarily maintenance and support on perpetual transactions