VISTA POINT advisors

Mergers & Acquisitions | Capital Raising | Strategic Advisory

Software Industry Update Q2 2018

Vista Point Advisors Overview

Vista Point Advisors was founded on the principle that founder-led technology companies in the emerging and middle markets are unique and require specialized attention and advice when considering investment and exit opportunities. Our unique focus on sell-side processes provides our clients with unconflicted advice that assures our interests are completely aligned with the entrepreneur. VPA is focused exclusively on working with founder-owned and operated businesses to deliver the most favorable transactions at premium valuations.



Unconflicted Advice

Vista Point exclusively provides sellside M&A and Capital Raising advisory services to technology businesses removing the conflict of interest associated with working both sides of the table.



Deep Technology Domain Expertise

Vista Point bankers are industry specialists that focus exclusively on core technology markets allowing us to provide relevant insights into our client's business and create the strategic framework to optimize valuation.



Differentiated Negotiation Framework

The firm utilizes a unique negotiation framework to increase the competitiveness of the transaction process, and ultimately yield higher valuations at better terms for clients.



Our Differentiated Model Yields Differentiated Results





- There were 410 reported software M&A transactions in Q2 2018 totaling \$54.7 billion in reported transaction value
 - Software M&A deal volume in Q2 2018 was up 14% relative to Q1 2018, which saw 361 transactions
 - Notable deals include:
 - Trimble's \$1.2b acquisition of Viewpoint
 - Salesforce's \$6.6b acquisition of MuleSoft
 - Sumeru Equity Partners' acquisition of GoGuardian
 - Microsoft's \$7.5b acquisition of GitHub
 - Workday's \$1.6b acquisition of Adaptive Insights
- The software IPO market had nine major IPO pricings in Q2 2018, all trading up since listing:
 - Zuora (NYS: ZUO), a provider of accounting SaaS for subscription businesses, raised \$154m and has traded up 94%
 - Pivotal Software (NYS: PVTL), a provider of software development SaaS, raised \$555m and has traded up 62%
 - Ceridian HCM (NYS: CDAY), a provider of cloud-based human capital management software, raised \$531m and has traded up 51%
 - DocuSign (NAS: DOCU), a provider of a cloud-based electronic signature platform, raised \$629m and has traded up 83%
 - Smartsheet (NYS: SMAR), a provider of a collaboration and work management SaaS, raised \$176m and has traded up 73%
 - Carbon Black (NAS: CBLK), a provider of endpoint security software, raised \$152m and has traded up 37%
 - Pluralsight (NAS: PS), a provider of learning management SaaS, raised \$311m and has traded up 63%
 - Avalara (NYS: AVLR), a provider of automated tax software, raised \$180m and has traded up 122%
 - Domo (NAS: DOMO), a provider of cloud-based business intelligence software, raised \$193m and has traded up 30%

Active Acquirers and Notable Transactions



Most Active Acquirers (Since 2010)

Notable Recent Transactions

Acquirer	Trimble.	salesforce	SEP SUMERU EQUITY PARTNERS	Microsoft	workday
Target		MuleSoft	♥ GoGuardian®	GitHub	
Date	04/23/18	05/01/18	05/24/18	06/03/18	06/11/18
EV	\$1.2b	\$6.6b	N/A	\$7.5b	\$1.6b
EV / LTM Rev	6.0x	22.3x	N/A	N/A	N/A
EV / LTM EBITDA	N/A	N/M	N/A	N/A	N/A

Source: Capital IQ and Pitchbook and Pitchbook as of 06/30/18

Software M&A Market Overview

Quarterly Software M&A Value and Deal Count (Since 2010)



Source: Capital IQ and Pitchbook as of 06/30/18, WhatsApp/Facebook, Broadcom/Avago, and EMC/Denali deals omitted from top graph

Software M&A Market Overview

Transactions by Reported Value Q1 '18 Q2 '18 41% 42% **>**\$1B 💻 \$500M - \$1B \$250M - \$500M Total: \$35B Total: \$55B \$100M - \$250M \$50M - \$100M <\$50M

Transactions by Target Funding



Despite High Valuations, Investments Lead Exits 2:1

Top 20 Most Active Investors Across Software & Internet Over the Last 2 Years



Within last 6 months

Within last 6 months Within 6-12 months Within 12-24 months

Source: Capital IQ and Pitchbook as of 06/30/18, Investors ranked by investments made in the last 12 months



IPO Summary

The IPO market was strong in Q2 2018, with 9 major technology pricings on US stock exchanges, and momentum is expected to continue given the market's strong reception

	IP	POs		First Follow-On	("FO") Offering	
Year	# of IPOs / Capital Raised	File to Price Change	# of FOs	% of FOs	Avg. Days Post Lockup Expiration	IPO to FOs Price Change
2018 Capital Raised	Software Internet Hardware \$ in billions \$- \$5 \$10 \$3.9 \$3.9	■ Increase ■ No Change ■ Decrease	Software Internet Hardware \$ in billions	N/A	N/A	■ Increase ■ No Change ■ Decrease
# of IPOs	- 10 20 30	67%	N/A	N/A	N/A	N/A
2017 Capital Raised # of IPOs	\$- \$5 \$10 \$1.9 \$3.4 \$5.6 14 12 17	6% 53% 41%	N/A	N/A	N/A	N/A
2016 Capital Raised # of IPOs	- 10 20 30 \$- \$5 \$10 \$1.0 \$1.2 \$2.5 8 4 4 16 - 10 20 30	25% 25%	\$- \$0.5 \$1.0 \$0.2 \$0.3 \$0.5 2 1 1 4	25%	13	50% 50%

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Software Public Market Performance Last 3 Months



Source: Capital IQ and Pitchbook as of 06/30/18

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Software Public Market Performance Last 3 Months (cont.)





-40%

Software Public Market Performance

3 Year Public Market Performance





High Growth Software: ASX:XRO, HDP, NAS:BL, NAS:COUP, NAS:FSCT, NAS:LOGM, NAS:PFPT, NAS:SPLK, NAS:TEAM, NAS:TLND, NAS:UPLD, NAS:WDAY, NEWR, NTNX, NYS:HUBS, NYS:NOW, NYS:PAYC, NYS:ZEN, NYSE:CSLT, NYSE:SQ All Software: See all bucketed companies

High Margin Software: EBIX, FDS, FISV, FRA:SOW, JKHY, MSCI, NAS:ADBE, NAS:AMSWA, NAS:AZPN, NAS:CA, NAS:INTU, NAS:MANH, NAS:MSFT, NAS:PAYX, NAS:PRGS, NAS:VRSN, NYS:ORCL, PAR:DSY, TSE:DSG, TSE:OTEX Source: Capital IQ and Pitchbook as of 06/30/18

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Public Company Summary

						Software							
	CRM	Accounting / ERP	Supply Chain Management	Human Capital Management	Knowledge / Content Management	Business Intelligence	Systems / Network Management	Security / Storage	Application Infrastructure	Financial Technology	Healthcare IT / Life Sciences Software	Median	Mean
52-Wk High	89%	92%	93%	91%	90%	88%	92%	91%	83%	92%	93%	91%	
Aggregate Mkt Cap (\$ in m)	\$119,428	\$513,619	\$195,600	\$70,129	\$159,338	\$163,746	\$166,277	\$102,059	\$1,144,133	\$137,692	\$47,456	\$159,338	\$256
Aggregate EV (\$ in m)	\$115,387	\$529,454	\$183,175	\$60,457	\$156,700	\$197,127	\$158,286	\$100,216	\$1,120,153	\$164,795	\$47,700	\$158,286	\$257
Quarterly Mkt Cap % Change	17.3%	(0.6%)	8.9%	3.2%	13.5%	(6.5%)	9.3%	10.6%	2.4%	12.3%	7.6%	8.9%	
Quarterly EV % Change	16.7%	(0.3%)	9.5%	2.1%	13.6%	(5.5%)	3.4%	11.1%	2.8%	9.7%	7.2%	7.2%	
LTM EV / Revenue	9.0x	6.3x	8.8x	7.5x	4.2x	3.6x	4.6x	5.9x	5.0x	6.5x	3.6x	5.9x	
FY+1 EV / Revenue	7.9x	5.4x	8.4x	6.2x	3.9x	3.5x	4.1x	5.2x	4.4x	5.9x	3.3x	5.2x	
FY+2 EV / Revenue	6.7x	5.0x	7.7x	5.2x	3.9x	3.3x	3.8x	4.3x	4.1x	5.6x	2.9x	4.3x	
LTM EV / EBITDA	NM	16.7x	27.4x	27.8x	18.6x	15.9x	15.9x	21.8x	12.9x	20.4x	26.1x	19.5x	
FY+1 EV / EBITDA	31.6x	13.8x	25.1x	26.3x	11.7x	11.7x	12.7x	27.0x	9.7x	18.1x	16.1x	16.1x	
FY+2 EV / EBITDA	26.1x	14.4x	23.2x	20.2x	14.7x	10.3x	12.2x	24.1x	9.6x	15.7x	15.5x	15.5x	
LTM P / E	NM	27.2x	38.6x	70.1x	48.9x	29.3x	35.7x	72.4x	29.3x	29.1x	72.1x	37.2x	
FY+1 P / E	59.0x	21.3x	31.1x	51.5x	22.5x	19.2x	19.9x	52.7x	15.5x	30.9x	32.9x	30.9x	
FY+2 P / E	85.1x	20.1x	31.8x	40.7x	23.1x	18.0x	18.2x	42.4x	15.3x	26.5x	29.2x	26.5x	
LTM Revenue Growth	21%	14%	6%	17%	4%	4%	4%	15%	12%	10%	10%	10%	
FY+1 Revenue Growth	22%	14%	8%	22%	8%	7%	5%	16%	19%	13%	11%	13%	
FY+2 Revenue Growth	18%	8%	9%	20%	8%	4%	5%	15%	13%	10%	8%	9%	
LTM EBITDA Margin	3%	13%	30%	11%	26%	11%	20%	(1%)	14%	21%	16%	14%	
FY+1 EBITDA Margin	12%	26%	34%	24%	37%	20%	26%	14%	25%	26%	20%	25%	
FY+2 EBITDA Margin	14%	27%	34%	25%	39%	21%	28%	17%	25%	29%	20%	25%	



					Enterprise	e Target LTM		Enterprise Value /	
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
06/29/18	Evolve Analytics	Gentrack Group	On Premise	Accounting / ERP	\$41	N/A	N/A	N/A	N/A
	Flowroute	Apollo Global Management	SaaS	Telecommunications	N/A	N/A	N/A	N/A	N/A
	Metalogix Software	Francisco Partners	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
06/29/18	0	FuseMachines	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Union Metrics Software	TrendKite	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
06/27/18	Pace Software	FOG Software Group	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
06/27/18	KnowledgeLake	First Bank	On Premise	Content / Document Management	N/A	N/A	N/A	N/A	N/A
06/27/18	Digital Measures	Exceed Capital Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
06/26/18	Elastic Beam	Ping Identity	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
06/26/18	Zemax	EQT	On Premise	CAD / CAM	N/A	N/A	N/A	N/A	N/A
06/26/18	Comfy	Siemens	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/26/18	Socedo	Azuqua	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/26/18	OnFarm Systems	Costa Asset Management	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
06/26/18	Return Magic	Shopify	SaaS	Ecommerce	N/A	N/A	N/A	N/A	N/A
06/25/18	VictorOps	Splunk	SaaS	Development	\$120	N/A	N/A	N/A	N/A
06/25/18	AppNexus	AT&T	SaaS	Advertising and Marketing	\$2,000	N/A	N/A	N/A	N/A
06/25/18	Qwizdom	Boxlight	On Premise	Education	\$3	N/A	N/A	N/A	N/A
06/25/18	TransparINT	Bregal Sagemount	SaaS	Governance, Risk, & Compliance	N/A	N/A	N/A	N/A	N/A
06/25/18	Velocity Mail	Descartes	SaaS	Transportation / Logistics	\$26	N/A	N/A	N/A	N/A
06/25/18	Insightpool	TrendKite	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/22/18	Smyte	Twitter	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
06/22/18	Simility	Paypal	SaaS	Security / Storage	\$120	N/A	N/A	N/A	N/A
06/22/18	AcuStream	Revint Solutions	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/22/18	CloudMed Solutions	Revint Solutions	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/22/18	Austemper Design	Siemens	On Premise	Governance, Risk, & Compliance	N/A	N/A	N/A	N/A	N/A
06/22/18	Zebu Compliance Solutions	United Claim Solutions	On Premise	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/22/18	Die Cad Group	Tooling Technology	On Premise	CAD / CAM	N/A	N/A	N/A	N/A	N/A
06/21/18	Akouba	Velocity Solutions	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
06/21/18	Atavist	Automattic	SaaS	Knowledge / Content (Social)	N/A	N/A	N/A	N/A	N/A
06/21/18	Validus-IVC	Verisk Analytics	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
06/21/18	Shape Analytics	Reflektive	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
06/21/18	CritiqueIt	2U	SaaS	Content / Document Management	\$5	N/A	N/A	N/A	N/A
06/20/18	No Magic	Dassault Systemes	On Premise	Development	N/A	N/A	N/A	N/A	N/A
06/20/18	MyAlerts	Think3	On Premise	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/20/18	QASymphony	Tricentis	SaaS	Testing	N/A	N/A	N/A	N/A	N/A
06/20/18	Pathgather	Degreed	SaaS	Education	N/A	N/A	N/A	N/A	N/A
06/20/18	TSE ScriptPRO	Shoflo	On Premise	Sports	N/A	N/A	N/A	N/A	N/A
06/20/18	DeepUI	WalkMe	On Premise	Development	N/A	N/A	N/A	N/A	N/A
06/20/18	Synchro Software	Bentley Systems	On Premise	CAD / CAM	N/A	N/A	N/A	N/A	N/A
06/20/18	Pierbridge	WiseTech Global	SaaS	Supply Chain	\$59	\$9	\$0.1	6.3x	N/M
06/20/18	Circle Women's Health Platform	Wildflower Health	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/20/18	Bolstr	KeyBank	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
06/19/18	DrillingInfo	Genstar Capital	SaaS	Oil & Gas	N/A	N/A	N/A	N/A	N/A
06/19/18	Hyperwallet Systems	Paypal	SaaS	Fintech	\$400	N/A	N/A	N/A	N/A
00/19/10									

Date 206/19/18 206/18/18 20	Target	Acquirer	Delivery	Sector	Enterprise Value	Revenue	EBITDA	Enterpris	
	-					nevenue	LDITUA	LINKREVENUE	LTM EBITDA
	Weed VR	Cultivator Catalyst	On Premise	Augmented & Virtual Reality	N/A	N/A	N/A	N/A	N/A
		BigTinCan	SaaS	Education	\$3	N/A	N/A	N/A	N/A
	Canesto Systems	AlayaCare	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/18/18	•	Gladson Holdings	SaaS	Content and Services	N/A	N/A	N/A	N/A	N/A
06/18/18		Finastra	On Premise	Fintech	N/A	N/A	N/A	N/A	N/A
06/18/18 F	Flipgrid	Microsoft	SaaS	Education	N/A	N/A	N/A	N/A	N/A
	BetterDoctor	Quest Analytics	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/18/18 I	Keypr	Intelity Solutions	SaaS	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
06/18/18 (Chute	ESW Capital	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/15/18	Oniqua MRO Analytics	IBM	SaaS	Supply Chain	N/A	N/A	N/A	N/A	N/A
06/14/18	Centric Software	Dassault Systemes	SaaS	Supply Chain	N/A	\$61	N/A	N/A	N/A
06/14/18	Innova Systems UK	Visiativ	On Premise	CAD / CAM	N/A	\$5	N/A	N/A	N/A
	PipingDesignOnline	Hexagon PPM	On Premise	CAD / CAM	N/A	N/A	N/A	N/A	N/A
06/13/18	Empirical Systems	Tableau Software	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
06/13/18	Project Atlas	Bluebeam Software	SaaS	Mapping / Tracking	N/A	N/A	N/A	N/A	N/A
	ShotCaller Global	Vigilant Solutions	SaaS	Mapping / Tracking	N/A	N/A	N/A	N/A	N/A
06/13/18	MeridianLink	Thoma Bravo	SaaS	Fintech	N/A	\$100	\$51	N/A	N/A
06/13/18	Mi3 Security	Zimperium	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
06/13/18	CommuniGator	CNBB Venture Partners	SaaS	Advertising and Marketing	\$20	N/A	N/A	N/A	N/A
06/12/18	BriteVerify	Validity	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
	FacilitySource	CBRE Group	SaaS	Supply Chain	\$290	N/A	N/A	N/A	N/A
	Slimcut Media	Telaria	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/12/18	ClearScholar	Civitas Learning	SaaS	Education	N/A	N/A	N/A	N/A	N/A
06/12/18	NEXTEP SYSTEMS	LLR Partners	SaaS	Retail Software	N/A	N/A	N/A	N/A	N/A
	MessageBeam	MPulse Mobile	SaaS	Advertising and Marketing	\$5	N/A	N/A	N/A	N/A
06/11/18	Maintenance Connection	Accruent	SaaS	Supply Chain	N/A	N/A	N/A	N/A	N/A
06/11/18 r	rplan	InvestCloud	SaaS	Fintech	\$20	N/A	N/A	N/A	N/A
	Adaptive Insights	Workday	SaaS	Accounting / ERP	\$1,550	\$107	(\$41)	14.6x	N/M
	Loop Commerce	Synchrony Financial	On Premise	Ecommerce	N/A	N/A	N/A	N/A	N/A
06/08/18	•	Dura Holdings	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/08/18		LiveAction	SaaS	Systems / Network	N/A	N/A	N/A	N/A	N/A
06/08/18 0	Curbside	Rakuten	SaaS	Retail Software	N/A	N/A	N/A	N/A	N/A
06/08/18	Rallyteam	Workday	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Olive Software	ESW Capital	On Premise	Content / Document Management	N/A	N/A	N/A	N/A	N/A
06/07/18 i		Total System Services	On Premise	Retail Software	N/A	N/A	N/A	N/A	N/A
06/07/18	Reflect (Application Software)	Puppet Labs	SaaS	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
06/07/18	Leidos Cyber	Capgemini	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
06/07/18	ConceptShare	Deltek	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
	Fenix Data Systems	WiseTech Global	On Premise	Business Software	\$2	N/A	N/A	N/A	N/A
	Venovate	Coinbase	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
06/07/18 H		Foreshore Exploration Partners	On Premise	Retail Software	\$11	N/A	N/A	N/A	N/A
	Glimpse Live	ABB Optical Group	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
	Intelliflo	Invesco	SaaS	Fintech	\$30	N/A	N/A	N/A	N/A
06/06/18					1	,	,		N/A
	Keystone Capital (Brokerage)	Coinbase	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A

					Enterprise	Targe	et LTM	Enterpris	se Value /
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
06/06/18	HealthTell	China Bridge Capital	On Premise	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
06/05/18	Prologic Technology Systems	Frontline Education	SaaS	Education	N/A	N/A	N/A	N/A	N/A
	MediaPRO	Frontier Capital	SaaS	Education	N/A	N/A	N/A	N/A	N/A
06/05/18	Gift Card Impressions	InComm	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
06/05/18	Harebrained Schemes	Paradox Interactive	SaaS	Gaming	\$8	N/A	N/A	N/A	N/A
06/05/18	LearnCore	Showpad	SaaS	Education	\$50	N/A	N/A	N/A	N/A
06/05/18	CustomerInsight	Constellation Software	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/04/18	Weather Telematics	Internet of Things	On Premise	Mapping / Tracking	\$3	N/A	N/A	N/A	N/A
06/04/18	PowerPlan	Roper Technologies	On Premise	Accounting / ERP	\$1,100	N/A	N/A	N/A	N/A
06/04/18	EMS Software	Accruent	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/04/18	Integral Ad Science	Vista Equity Partners	SaaS	Advertising and Marketing	\$835	\$140	N/A	6.0x	N/A
06/04/18	eSight Energy Group	BID Equity Advisory	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/04/18	Maxwell Health	Sun Life Financial	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
06/04/18	HeavyWater	Black Knight	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
06/04/18	Bradford Networks	Fortinet	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
06/03/18	GitHub	Microsoft	SaaS	Development	\$7,500	N/A	N/A	N/A	N/A
06/02/18	AutonomouStuff	Hexagon	On Premise	Transportation / Logistics	N/A	\$45	N/A	N/A	N/A
06/01/18	Hometrack Australia	REA Group	SaaS	Business Software	\$75	\$11	\$5	6.9x	14.9x
06/01/18	Ahalogy	Quotient Technology	SaaS	Advertising and Marketing	\$50	N/A	N/A	N/A	N/A
06/01/18	TickerTags	M Science	On Premise	Fintech	N/A	N/A	N/A	N/A	N/A
06/01/18	Avoke Analytics	Apollo Global Management	On Premise	CRM	N/A	N/A	N/A	N/A	N/A
06/01/18	Progressly	Box	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
06/01/18	VISR	SafeToNet	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
06/01/18	BitTorrent	Tron Foundation	SaaS	File Sharing	\$120	N/A	N/A	N/A	N/A
05/31/18	Cubic Global Defense Services	Valiant Integrated Services	SaaS	Business Software	\$138	\$378	N/A	0.4x	N/A
05/31/18	PeopleFluent	Learning Technologies Group	SaaS	Human Capital	\$150	\$107	\$1	1.4x	N/M
05/31/18	Weebly	Square	SaaS	Development	\$365	N/A	N/A	N/A	N/A
05/31/18	Packet Design	Ciena	On Premise	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
05/31/18	TriTech Software Systems	Bain Capital	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
	Informatica Systems	Clanwilliam Group	On Premise	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
05/31/18	Wilke Global	Astute	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
05/31/18	LogRhythm	Thoma Bravo	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
05/31/18	CodiPark	ParkWhiz	On Premise	Transportation / Logistics	N/A	N/A	N/A	N/A	N/A
05/31/18	FollowUp.cc	Lever Technology	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
05/31/18	Ownage	Fig	On Premise	Blockchain	N/A	N/A	N/A	N/A	N/A
05/31/18	mTAB	Milestone Partners	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/30/18	IRIS Software Group	HgCapital	SaaS	Accounting / ERP	\$2,363	\$146	\$22	16.2x	N/M
05/30/18	Jetlore	Paypal	On Premise	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
05/30/18	RobustWealth	Principal Financial Group	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
05/30/18	Prepworks	ECS Learning Systems	SaaS	Education	N/A	N/A	N/A	N/A	N/A
	Bizness Apps	Think3	SaaS	Ecommerce	N/A	N/A	N/A	N/A	N/A
05/30/18	DM2 Software	Genstar Capital	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
05/30/18		Marlin Equity Partners	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
				0014	4	4-	(0.0)		
05/30/18 05/30/18	Dealflo	OneSpan	On Premise SaaS	CRM	\$75 N/A	\$7 N/A	(\$6) N/A	11.5x N/A	N/M N/A

					Enterprise	Targe	t LTM	Enterprise Value /	
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
05/30/18	Crumbs Technologies	Metal Pav	On Premise	Fintech	N/A	N/A	N/A	N/A	N/A
05/30/18	0	Kurita Water Industries	SaaS	Business Intelligence	\$74	N/A	N/A	N/A	N/A
05/30/18		Verve Wireless	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
	BMC Software	Kohlberg Kravis Roberts	On Premise	IT Infrastructure & Management	\$8,500	\$2,000	N/A	4.3x	N/A
05/29/18	Commensus	Excel IT	On Premise	IT Infrastructure & Management	\$41	N/A	N/A	N/A	N/A
05/29/18	Poncho	Dirty Lemon	SaaS	Mapping / Tracking	N/A	N/A	N/A	N/A	N/A
05/29/18	Dashtab	SaaScend	On Premise	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
05/29/18	Lumeta	FireMon	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
05/29/18	JNC Construction Software	Eque2	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
05/29/18	TMC Bonds	Intercontinental Exchange	SaaS	Fintech	\$685	N/A	N/A	N/A	N/A
05/29/18	Hillgate Travel	Inflexion Private Equity	SaaS	Transportation / Logistics	N/A	\$16	\$2	N/A	N/A
05/29/18	InfraPoint	dcBLOX	SaaS	Hosting / Data Center	N/A	N/A	N/A	N/A	N/A
05/29/18	PDFSimpli	Immudyne	On Premise	Content / Document Management	\$1	N/A	N/A	N/A	N/A
05/29/18	Rental Management	Fullsteam	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
05/28/18	SaaS Transportation	WiseTech Global	SaaS	Transportation / Logistics	\$4	\$2	\$1	2.1x	7.6x
05/28/18	XenoHolographic	Imagination Park Entertainment	On Premise	Augmented & Virtual Reality	\$5	N/A	N/A	N/A	N/A
05/25/18	Rapt Media	Gera Venture Capital	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/25/18	Hyperfish	LiveTiles	SaaS	Human Capital	\$9	N/A	N/A	N/A	N/A
05/24/18	CEMAR	TA Associates Management	On Premise	Human Capital	N/A	N/A	N/A	N/A	N/A
05/24/18	GoGuardian	Sumeru Equity Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
05/24/18	Chartlytics	CentralReach	SaaS	Education	N/A	N/A	N/A	N/A	N/A
05/24/18	Contract Guardian	UCG Technologies	SaaS	Content / Document Management	N/A	N/A	N/A	N/A	N/A
05/23/18	QuickMobile	Cvent	SaaS	Advertising & Marketing	N/A	N/A	N/A	N/A	N/A
05/23/18	RIA in a Box	Aquiline Capital Partners	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
05/23/18	Destiny Solutions	The Riverside Company	SaaS	Education	N/A	N/A	N/A	N/A	N/A
05/23/18	Taxfiler	Intermediate Capital Group	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
05/23/18	AwareManager	Building Engines	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/23/18	ResponseTek	ESW Capital	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/23/18	Talent Sonar	TalVista	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
05/22/18	Magento Commerce	Adobe Systems	SaaS	Ecommerce	\$1,680	\$150	N/A	11.2x	N/A
05/22/18	ETP Card Processing	Certas Energy UK	On Premise	Transportation / Logistics	N/A	N/A	N/A	N/A	N/A
05/21/18	CommerceHub	GTCR	SaaS	Supply Chain	\$1,067	\$113	\$31	9.5x	34.6x
05/21/18	HealthGrid	Allscripts	On Premise	Healthcare / Biotechnology	\$110	N/A	N/A	N/A	N/A
05/21/18	Ipreo	IHS Markit	SaaS	Fintech	\$1,860	N/A	\$116	N/A	16.0x
05/21/18	Polaris Alpha	Parsons	On Premise	Business Software	N/A	\$250	N/A	N/A	N/A
05/21/18	SpaceoutVR	ValueSetters	SaaS	Augmented & Virtual Reality	N/A	\$0.1	(\$1)	N/A	N/A
05/21/18	BrandXP	InMoment	On Premise	Retail Software	N/A	N/A	N/A	N/A	N/A
05/21/18	Grey Matter Platform	Saviance Technologies	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
05/21/18	Townsend Security	Centerbridge Partners	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
05/21/18	Noteninja	SalesLoft	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
05/21/18	Agentbox	Accel-KKR	On Premise	CRM	N/A	N/A	N/A	N/A	N/A
05/20/18	Semantic Machines	Microsoft	On Premise	Speech Recognition	N/A	N/A	N/A	N/A	N/A
05/18/18	Shop.co	Klarna	SaaS	Retail Software	N/A	N/A	N/A	N/A	N/A
05/18/18	lovation	TransUnion	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
	Digital Ticketing Systems	TrekkSoft	SaaS	Ecommerce	N/A	N/A	N/A	N/A	N/A

					Enterprise			Enterprise Value /	
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
05/18/18	Voicebox	Nuance	On Premise	Speech Recognition	\$82	N/A	N/A	N/A	N/A
05/18/18	GreenOwl Mobile	IBI Group	On Premise	Transportation / Logistics	N/A	N/A	N/A	N/A	N/A
	SoftwareWerks	Liberty Technology Advisors	On Premise	Supply Chain	N/A	N/A	N/A	N/A	N/A
05/17/18		Taranis	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
		Accel-KKR	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
05/17/18	Wilson Legal Solutions	Stanton Allen	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/17/18	Stanton Allen	Wilson Legal Solutions	On Premise	CRM	N/A	N/A	N/A	N/A	N/A
05/17/18	Impression X	GLN	On Premise	Advertising and Marketing	\$6	N/A	N/A	N/A	N/A
05/16/18	Aptaris	Dunnhumby	On Premise	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
05/16/18		Dialpad	SaaS	Speech Recognition	N/A	N/A	N/A	N/A	N/A
05/16/18	Datascience.com	Oracle	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/16/18	Assurance Software	Resurgens Technology Partners	On Premise	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
05/16/18	WriteLab	Chegg	SaaS	Education	\$20	N/A	N/A	N/A	N/A
05/16/18	The Macaluso Group	ConnectiveRx	On Premise	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
	Sow Organic	Where Food Comes From	SaaS	Content / Document Management	\$1	N/A	N/A	N/A	N/A
05/15/18	Grapeshot	Oracle	On Premise	Business Intelligence	\$400	N/A	N/A	N/A	N/A
	MarianalQ	8X8	On Premise	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
		Hewlett Packard Enterprise	On Premise	Hosting / Data Center	N/A	N/A	N/A	N/A	N/A
05/15/18	Athenium	Weather Analytics	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/15/18	GigXL	SherpaShare	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/15/18	Teaching Strategies	Summit Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
05/15/18	OrderTalk	Uber Eats	SaaS	Ecommerce	N/A	N/A	N/A	N/A	N/A
05/15/18	ApiJet	Aviation Partners	On Premise	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
05/15/18	Baker	TILT Holdings	On Premise	CRM	N/A	\$3	N/A	N/A	N/A
05/14/18	RTS Solutions	Petards Group	SaaS	Transportation / Logistics	\$3	\$1	N/A	2.7x	N/A
05/14/18	Clinical Ink	NovaQuest Capital Management	On Premise	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
05/14/18	Server Density	StackPath	SaaS	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
05/14/18	Cask	Google Cloud Platform	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/14/18	Riyo	JCurve Solutions	On Premise	Fintech	\$0.4	N/A	N/A	N/A	N/A
05/14/18	Resource Techniques	Accel-KKR	On Premise	Development	N/A	N/A	N/A	N/A	N/A
05/11/18	BrandProtect	Alerion Ventures, LLR Partners	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
05/11/18	Confyrm	Capital One Financial	On Premise	Security / Storage	N/A	N/A	N/A	N/A	N/A
05/10/18	WordStream	Gannett Company	SaaS	Advertising and Marketing	\$150	\$55	\$16	2.7x	9.4x
05/10/18	Videology	Amobee	SaaS	Business Intelligence	\$45	N/A	N/A	N/A	N/A
05/10/18	DynamicMail	Israel Growth Partners	On Premise	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
05/10/18	•	TrellisSoft	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
05/10/18	BookF1.com	Motorsport Network	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
05/09/18	TripHappy	Trivago	SaaS	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
	Winshuttle	STG Partners	SaaS	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
		Alphabet	On Premise	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
		EMX Digital	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
	Kahuso	Donaldson & James	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Orchard App	Kabbage	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/08/18	Independent Transition Management	Inflexion Private Equity	SaaS	Development	N/A	N/A	N/A	N/A	N/A
05/08/18									

					Enterprise	Targ	et LTM	Enterpris	e Value /
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
05/07/18	SpaceTime	Nokia	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
	Base Capital	Cordes Foundation	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
	BoardProspects	Osprey Capital	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Paytronage	Cordes Foundation	SaaS	Education	N/A	N/A	N/A	N/A	N/A
	MunicodeMeetings	Municode	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
	TargetRecruit	Mountview Partners	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Exposure Tracker	Armory Capital	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
05/04/18	•	8common	On Premise	Fintech	N/A	N/A	N/A	N/A	N/A
	OtoSense	Analog Devices	On Premise	Speech Recognition	N/A	N/A	N/A	N/A	N/A
05/04/18		Under 5'10	On Premise	Retail Software	N/A	N/A	N/A	N/A	N/A
05/03/18	•	Entertainment Benefits Group	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
	Unitrends	Insight Venture Partners	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
	Renaissance Learning	Francisco Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
05/03/18	0	ServiceNow	SaaS	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
05/03/18		IBM	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/03/18		Atlantic Street Capital Management	SaaS	Business Software	N/A	\$9	\$0.2	N/A	N/A
	Quantvex	Hatton Consulting	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
05/03/18		engage:BDR	SaaS	Advertising & Marketing	\$5	\$2	N/A	2.9x	N/A
	Candi Controls	Altair Engineering	SaaS	Sytems / Network	N/A	N/A	N/A	N/A	N/A
	betting.club	PlayUp Digital	SaaS	Content and Services	N/A	N/A	N/A	N/A	N/A
	VoicePort	Prescribe Wellness	SaaS	Telecommunications	N/A	N/A	N/A	N/A	N/A
05/03/18		Health Catalyst	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
	Justice Systems	Arlington Capital Partners	On Premise	Law Enforcement	N/A	N/A	N/A	N/A	N/A
05/02/18	•	Becker Associates	SaaS	Knowledge / Content (Social)	N/A	N/A	N/A	N/A	N/A
05/02/18		CVC Capital Partners	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
	PRQA Programming Research	Clearlake Capital Group	On Premise	Content and Services	N/A	N/A	N/A	N/A	N/A
	Rippe & Kingston	ParkerGale Capital	On Premise	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
	Meta SaaS	American Capital	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
	SoundCom Systems	AMETEK	On Premise	Telecommunications	N/A	\$40	N/A	N/A	N/A
	Ratex Business Solutions	PrismRBS	On Premise	Retail Software	N/A	N/A	N/A	N/A	N/A
	MuleSoft	Salesforce	SaaS	Integration / Middleware	\$6.597	\$296	(\$77)	22.3x	N/M
	CRMfusion	Silversmith Capital Partners	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
	Star Computers	HgCapital	On Premise	Accounting / ERP	N/A	\$5	\$2	N/A	N/A
	Mandata	LDC	SaaS	Transportation / Logistics	\$38	\$8	\$2	5.0x	15.5x
	NDS Group	Permira	On Premise	Security / Storage	\$1,000	N/A	N/A	N/A	N/A
	SCIO Health Analytics	ExlService Holdings	On Premise	Healthcare / Biotechnology	\$240	N/A	\$20	N/A	12.0x
	Cloud Savings Company	Groupon	SaaS	Content and Services	\$65	N/A	N/A	N/A	N/A
05/01/18	o , ,	Blackbaud	SaaS	Education	\$43	\$13	N/A	3.4x	N/A
	Sage Data Security	Tyler Technologies	On Premise	Security / Storage	\$12	N/A	N/A	N/A	N/A
	Razorgator	TickPick	SaaS	Ecommerce	N/A	N/A	N/A	N/A	N/A
05/01/18		Convene	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
	PerfectServe	K1 Capital	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
04/30/18		Tyler Technologies	SaaS	Business Intelligence	\$150	\$25	N/A	6.0x	N/A
	REACH Health	InTouch Health	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
	Pragmatic Works	Mainsail Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
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					Enterprise	Target LTM		Enterprise Value /	
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
04/30/18	Bizible	Marketo	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/30/18	Vocado	Oracle	SaaS	fintech	\$139	N/A	N/A	N/A	N/A
04/30/18	Blockchain Evolution	GreenBank Capital	On Premise	Blockchain	\$0.3	N/A	N/A	N/A	N/A
	Leadspace	Radius	SaaS	Advertising & Marketing	N/A	N/A	N/A	N/A	N/A
	DIMAX Building Performance	Kontrol Energy	SaaS	Content and Services	\$1	\$1	N/A	1.0x	N/A
04/30/18	Ortho2	Henry Schein	SaaS	Healthcare / Biotechnology	N/A	\$14	N/A	N/A	N/A
04/30/18	RedBrick Health	Marlin Equity Partners	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
04/30/18	WorkXO	QuestionPro	On Premise	Human Capital	N/A	N/A	N/A	N/A	N/A
04/27/18	Uru	Adobe Systems	On Premise	Advertising & Marketing	N/A	N/A	N/A	N/A	N/A
04/27/18	Anaesthetic Private Practice	Citadel Group	On Premise	Healthcare / Biotechnology	\$1	N/A	N/A	N/A	N/A
04/26/18	SoilVision Systems	Bentley Systems	On Premise	CAD / CAM	N/A	N/A	N/A	N/A	N/A
04/26/18	Radius Worldwide	Baring Private Equity Asia	On Premise	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
04/26/18	Mitchell International	Stone Point Capital	SaaS	Fintech	N/A	\$650	N/A	N/A	N/A
04/26/18	Mattersight	NICE Systems	On Premise	Business Intelligence	\$94	\$49	(\$5)	1.9x	N/M
04/26/18	Conceptua Math	Activate Learning	SaaS	Education	N/A	N/A	N/A	N/A	N/A
04/26/18	Inner Range	Anixter	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
04/26/18	Auzom	ESP Gaming	SaaS	Gaming	N/A	N/A	N/A	N/A	N/A
04/25/18	Eventable	Rockerbox	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
04/25/18	VendorHawk	ServiceNow	SaaS	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
04/24/18	Mitel Networks	Searchlight Capital Partners	SaaS	Business Software	\$1,957	\$1,150	\$64	1.7x	30.4x
04/24/18	Convergence Training	LLR Partners	SaaS	Education	N/A	N/A	N/A	N/A	N/A
04/24/18	Credit2B	Billtrust	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
04/24/18	Zeetings	Canva	SaaS	Telecommunications	N/A	N/A	N/A	N/A	N/A
04/23/18	Allocate Software	Vista Equity Partners	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
04/23/18	Strategic Resources International	Peraton Corp.	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
04/23/18	Viewpoint	Trimble	SaaS	Accounting / ERP	\$1,200	\$200	N/A	6.0x	N/A
04/23/18	Ascender Learning	Janison Solutions	SaaS	Education	N/A	N/A	N/A	N/A	N/A
04/23/18	Claro Software	Lingit	SaaS	Education	N/A	\$4	N/A	N/A	N/A
04/23/18	Koding	Coinbase	SaaS	Development	N/A	N/A	N/A	N/A	N/A
	Campo Santo	Valve	On Premise	Gaming	N/A	N/A	N/A	N/A	N/A
	Profit Tools	Valsoft	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
	Callcredit Information Group	TransUnion	SaaS	Fintech	\$1,400	N/A	N/A	N/A	N/A
04/20/18	B Virtual	Examity	On Premise	Education	N/A	N/A	N/A	N/A	N/A
04/20/18		RealPage	SaaS	Fintech	\$219	\$22	N/A	10.0x	N/A
	NoPileups	DRB Systems	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
	FabSuite	Trimble	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
	Verie	Optimum iD	On Premise	Law Enforcement	N/A	N/A	N/A	N/A	N/A
04/19/18	Zesty	Square	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
04/19/18	•	Aquiline Capital Partners	On Premise	Fintech	N/A	N/A	N/A	N/A	N/A
		HgCapital	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
	FareHarbor	Booking Holdings	SaaS	Travel / Hospitality	N/A	\$50	N/A	N/A	N/A
	Vipera	Banca Sella	SaaS	Fintech	\$44	\$11	(\$1)	3.9x	N/M
04/18/18		360 Vertical Solutions	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
04/18/18	Cloud Services Security	j2 Global	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
. , ., .	DroneSense	FLIR Systems	On Premise	Law Enforcement	N/A	N/A	N/A	N/A	N/A

						Enterprise	Targe	et LTM	Enterpris	e Value /
Def Explorer National Goographic Society Sas5 Magnegi Tracing N/A	Date	Target	Acquirer	Delivery	Sector					LTM EBITDA
Op/17/18 Watermark Exceed Capital Partners SasS Education N/A N/A N/A N/A N/A	04/18/18		National Geographic Society	SaaS	Manning / Tracking	N/A	N/A	N/A	N/A	N/A
Op/17/18 Progressus Media CDK Global Sas5 Advecting and Marketing N/A	- 1 -1 -	• •	3 1 1		11 07 0		,		,	
op/17/18 Sprinn The Riverside Company Sas5 Content, Management NA			•			,	'	,	,	,
Op/17/18 Terceman Sas5 Governary Document, NA N/A N/A N/A N/A <th< td=""><td></td><td>0</td><td></td><td></td><td>0 0</td><td></td><td></td><td></td><td>,</td><td></td></th<>		0			0 0				,	
Op/17/18 Index Salons Freeman Sau5 Content Management N/A N/A N/A N/A N/A 04/17/18 torger Pines Services Northistar Life Services On Premie Business Intelligence N/A										
Op/17/18 Regist/Partners SaaS Tin frastructure & Management \$415 N/A N/A<			•		· · · · ·	,	,		,	,
04/17/18 Torrey Pines Services North Star Ufe Services On Premise Augmented & Virtual Reality S2 N/A N/A N/A N/A N/A 04/17/18 Cravana On Premise Augmented & Virtual Reality S2 N/A N/							,		,	
OH/17/18 Carana On Premine Augmented & Virtual Reality S22 N/A		0			0		,	,	,	,
Op/17/18 Vicksplorer Mora Stanley Expansion Capital On Premise Submess Intelligence N/A N/		•	Carvana	On Premise	0	\$22	N/A	N/A		N/A
OHAT/121 Xerant Gray Jonas Computing Saas Accounting / ERP N/A			Morgan Stanley Expansion Capital							
OH/17/18 NA More Practice Education Saa Education S2 NA NA NA NA OH/17/18 Nomes/ML Stuba Saa's Governace, Risk, & Complice NA NA<		•	<u> </u>	SaaS	-	,	,		,	,
Op/17/18 Visual Risk OTRessury SaaS Governance, Risk, & Compliance N.A N/A N/	04/17/18	No More Practice Education	· · · · ·	SaaS		\$2	N/A	N/A	N/A	N/A
Op/17/18 RoomsXML Stuba Staa Travel Hospitality N/A	04/17/18	Visual Risk	-	SaaS	Governance, Risk, & Compliance	N/A	N/A	N/A	N/A	N/A
Op/17/18 Blockhorage N/A			Stuba	SaaS	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
Op/16/13 Powers/Enol Group Onex SaaS Education \$1,500 \$280 N/A \$4x N/A 04/16/18 PeopleAdmin Onex SaaS Human Capital N/A	04/17/18	Web Shrinker	DNSFilter	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
Op/16/13PeopleAdminOnexSaaSHuman CapitalN/AN/AN/AN/AN/AN/AOd/15/18Earn.comCoinbaseSaaSBlockchain\$120N/A<	04/17/18	BlockForge	Xalles Holdings	On Premise	Blockchain	N/A	N/A	N/A	N/A	N/A
04/16/18Earn.comCoinbaseSa3Blockhain\$120N/AN/AN/AN/AN/AN/AN/AN/A04/15/18Trak-1PeopleFactsSa5Sa5Human CapitalN/A </td <td>04/16/18</td> <td>PowerSchool Group</td> <td>Onex</td> <td>SaaS</td> <td>Education</td> <td>\$1,500</td> <td>\$280</td> <td>N/A</td> <td>5.4x</td> <td>N/A</td>	04/16/18	PowerSchool Group	Onex	SaaS	Education	\$1,500	\$280	N/A	5.4x	N/A
O4/16/18 Tak-1 PeopleFacts SaaS Human Capital N/A N/A N/A N/A N/A N/A 04/16/18 Sayspring Adobe Systems On Premise Speech Recognition N/A	04/16/18	PeopleAdmin	Onex	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
04/16/18SayspringAdobe SystemsOn PremiseSpeech RecognitionN/AN/AN/AN/AN/AN/AN/A04/16/18Relevant MobileBridgSaaSIntegrationMiddlewareN/A <td< td=""><td>04/16/18</td><td>Earn.com</td><td>Coinbase</td><td>SaaS</td><td>Blockchain</td><td>\$120</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></td<>	04/16/18	Earn.com	Coinbase	SaaS	Blockchain	\$120	N/A	N/A	N/A	N/A
Od/16/18Relevant MobileBridgSaaSIntegration / MiddlewareN/AN/AN/AN/AN/AN/AOd/16/18Asset Performance TechnologiesUptakeSaaSBusiness IntelligenceN/A <td>04/16/18</td> <td>Trak-1</td> <td>PeopleFacts</td> <td>SaaS</td> <td>Human Capital</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	04/16/18	Trak-1	PeopleFacts	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
04/16/18Asset Performance TechnologiesUptakeSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/15/18Leviathan AnalyticsFindyrSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/AN/A04/15/18Cipher BrowserCoinbaseSaaSBlockchainN/AN/AN/AN/AN/AN/A04/13/18Cipher BrowserCoinbaseSaaSBlockchainN/AN/AN/AN/AN/A04/13/18MetroAlertZuercher TechnologiesSaaSLaw EnforcementN/AN/AN/AN/AN/A04/12/18AvettaTechnology Crossover VenturesSaaSSupply Chain\$531\$50N/A10.6xN/A04/12/18ArettaTechnologiesCoreLogicSaaSAccounting / ERP\$65\$10N/AA/AN/A04/12/18ActianHCL TechnologiesOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/A04/12/18ActianHCL TechnologiesOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KRRSaaSCRMN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KRRSaaSCront and ServicesN/AN/AN/AN/AN/A04/12/18Resolution Tele.comDLT ResolutionSaaSCront and ServicesN/AN/A<	04/16/18	Sayspring	Adobe Systems	On Premise	Speech Recognition	N/A	N/A	N/A	N/A	N/A
04/16/18Leviathan AnalyticsFindyrSaa SBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/15/18Clarity MoneyThe Goldman Sachs GroupSaa SFintechN/A<	04/16/18	Relevant Mobile	Bridg	SaaS	Integration / Middleware	N/A	N/A	N/A	N/A	N/A
04/15/18Clarity MoneyThe Goldman Sachs GroupSaaSFintechN/AN/AN/AN/AN/AN/AN/A04/13/18Cipher BrowserCoinbaseSaaSBlockchainN/A	04/16/18	Asset Performance Technologies	Uptake	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/13/18Cipher BrowserCoinbaseSaaSBlockchainN/AN/AN/AN/AN/AN/AN/A04/13/18MetroAlertZuercher TechnologiesSaaSLaw EnforcementN/A04/12/18Agreement ExpressFrontier CapitalSaaSAccounting / ERP\$65\$10N/A <td>04/16/18</td> <td>Leviathan Analytics</td> <td>Findyr</td> <td>SaaS</td> <td>Business Intelligence</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	04/16/18	Leviathan Analytics	Findyr	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/13/18MetroAlertZuercher TechnologiesSaaSLaw EnforcementN/AN/AN/AN/AN/AN/A04/12/18AvettaTechnology Crossover VenturesSaaSSupply Chain\$531\$50N/A10.6xN/A04/12/18Agreement ExpressFrontier CapitalSaaSAccounting / ERP\$65\$10N/AN/AN/A04/12/18a la mode technologiesCoreLogicSaaSBusiness IntelligenceN/AN/AN/AN/AN/A04/12/18ActianHCL TechnologiesOn PremiseBusiness Intelligence\$330\$107N/A3.1xN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSContent and ServicesN/AN/AN/AN/AN/A04/12/18XcellairFonSaaSContent and ServicesN/AN/AN/AN/AN/A04/12/18Koeluion Tele.comDLT ResolutionSaaSContent and ServicesN/AN/AN/AN/AN/A04/12/18Konos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/A04/12/18Konos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/A04/11/18Konos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/A04/11/18VeblyregHGGC<	04/15/18	Clarity Money	The Goldman Sachs Group	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
04/12/18AvettaTechnology Crossover VenturesSaaSSupply Chain\$511\$50N/A10.6xN/A04/12/18Agreement ExpressFrontier CapitalSaaSAccounting / ERP\$65\$10N/A6.5xN/A04/12/18a la mode technologiesCoreLogicSaaSBusiness IntelligenceN/A<	04/13/18	Cipher Browser	Coinbase	SaaS	Blockchain	N/A	N/A	N/A	N/A	N/A
04/12/18Agreement ExpressFrontier CapitalSaaSAccounting / ERP\$65\$10N/A6.5xN/A04/12/18a la mode technologiesCoreLogicSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/12/18ActianHCL TechnologiesOn PremiseBusiness Intelligence\$330\$107N/AN/AN/AN/A04/12/18Goldspot DiscoveriesDuckworth CapitalOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSContent and ServicesN/AN/AN/AN/AN/A04/12/18KcellairFonSaaSContent and ServicesN/AN/AN/AN/AN/AN/A04/12/18KcellairCredlySaaSContent and ServicesN/AN/AN/AN/AN/A04/12/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/A04/11/18KeolurContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/A04/11/18Keolurion Tele.comHGGCOn PremiseBusiness IntelligenceN/AN/AN/AN/A </td <td>04/13/18</td> <td>MetroAlert</td> <td>Zuercher Technologies</td> <td>SaaS</td> <td>Law Enforcement</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	04/13/18	MetroAlert	Zuercher Technologies	SaaS	Law Enforcement	N/A	N/A	N/A	N/A	N/A
04/12/18a la mode technologiesCoreLogicSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/12/18ActianHCL TechnologiesOn PremiseBusiness Intelligence\$330\$107N/A3.1xN/A04/12/18Goldspot DiscoveriesDuckworth CapitalOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/AN/A04/12/18KcellairFonSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/12/18KcellairFonSaaSContent and ServicesN/AN/AN/AN/AN/AN/A04/12/18Resolution Tele.comDLT ResolutionSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesEquiSoftSaaSContent and ServicesN/AN/AN/AN/AN/AN/A04/11/18KeousGoldsortSaaSContinoSaaSContinioKaaSResolutionN/AN/AN/AN/AN/AN/A04/11/18KeousGoldsortContinoSaaSAccounting / ERPN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/A04/11/	04/12/18	Avetta	Technology Crossover Ventures	SaaS	Supply Chain	\$531	\$50	N/A	10.6x	N/A
Od/12/18ActianHCL TechnologiesOn PremiseBusiness Intelligence\$330\$107N/A3.1xN/A04/12/18Goldspot DiscoveriesDuckworth CapitalOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/AN/A04/12/18KCellAirFonSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/12/18KcellAirCredlySaaSContent and ServicesN/AN/AN/AN/AN/AN/A04/12/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesEquiSoftSaaSAccounting / ERPN/AN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/A04/11/18Finitation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/A04/11/18FortscaleRSAOn PremiseScourity / StorageN/AN/AN/AN/A04/11/18KopernioBaring Private Equity AsiaSaaSContent / Document Management <td>04/12/18</td> <td>Agreement Express</td> <td>Frontier Capital</td> <td>SaaS</td> <td>Accounting / ERP</td> <td>\$65</td> <td>\$10</td> <td>N/A</td> <td>6.5x</td> <td>N/A</td>	04/12/18	Agreement Express	Frontier Capital	SaaS	Accounting / ERP	\$65	\$10	N/A	6.5x	N/A
04/12/18Goldspot DiscoveriesDuckworth CapitalOn PremiseBusiness IntelligenceN/AN/AN/AN/AN/AN/AN/A04/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/AN/AN/A04/12/18XCellAirFonSaaSTelecommunicationsN/A <t< td=""><td>04/12/18</td><td>a la mode technologies</td><td>CoreLogic</td><td>SaaS</td><td>Business Intelligence</td><td>N/A</td><td></td><td></td><td>N/A</td><td>N/A</td></t<>	04/12/18	a la mode technologies	CoreLogic	SaaS	Business Intelligence	N/A			N/A	N/A
Od/12/18Salsa LabsAccel-KKRSaaSCRMN/AN/AN/AN/AN/AN/AN/A04/12/18XCellAirFonSaaSTelecommunicationsN/A	04/12/18	Actian	HCL Technologies	On Premise	Business Intelligence	\$330	\$107	N/A	3.1x	N/A
Od/12/18XCellAirFonSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/12/18AcclaimCredlySaaSContent and ServicesN/AN/AN/AN/AN/AN/AN/A04/12/18Resolution Tele.comDLT ResolutionSaaSTelecommunicationsN/AN/AN/AN/AN/AN/AN/A04/12/18Resolution Tele.comDLT ResolutionSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/AN/A04/11/18ZenlQ6SenseSaaSAccounting / ERPN/AN/AN/AN/AN/AN/A04/11/18NebulrContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/A04/11/18FortscaleRSAOn PremiseSecurity / StorageN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaS<	04/12/18	Goldspot Discoveries	Duckworth Capital	On Premise	Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/12/18AcclaimCredlySaaSContent and ServicesN/AN/AN/AN/AN/AN/A04/12/18Resolution Tele.comDLT ResolutionSaaSTelecommunicationsN/A <td< td=""><td>04/12/18</td><td>Salsa Labs</td><td>Accel-KKR</td><td>SaaS</td><td>CRM</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></td<>	04/12/18	Salsa Labs	Accel-KKR	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
04/12/18Resolution Tele.comDLT ResolutionSaaSTelecommunicationsN/AN/AN/AN/AN/AN/A04/11/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/AN/A04/11/18ZenIQ6SenseSaaSAccounting / ERPN/AN/AN/AN/AN/AN/AN/A04/11/18NebulrContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/11/18WebyogHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/A04/11/18FortscaleRSAOn PremiseScurity / StorageN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A	04/12/18	XCellAir	Fon	SaaS	Telecommunications	N/A	N/A	N/A	N/A	N/A
04/11/18Kronos TechnologiesEquiSoftSaaSCRMN/AN/AN/AN/AN/AN/AN/A04/11/18ZenIQ6SenseSaaSAccounting / ERPN/AN/AN/AN/AN/AN/A04/11/18NebulrContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/11/18WebyogHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/A04/10/18FortscaleRSAOn PremiseScurity / StorageN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A	04/12/18	Acclaim	Credly	SaaS	Content and Services	N/A	N/A	N/A	N/A	,
Od/11/18ZenIQGsenseSaaSAccounting / ERPN/AN/AN/AN/AN/AN/AN/A04/11/18NebulrContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/A04/11/18WebyogHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/A04/10/18FortscaleRSAOn PremiseSecurity / StorageN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A	04/12/18	Resolution Tele.com	DLT Resolution	SaaS	Telecommunications	,	,	,	,	,
04/11/18NebulrContinoSaaSBusiness IntelligenceN/AN/AN/AN/AN/AN/AN/A04/11/18WebyogHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/A04/10/18FortscaleRSAOn PremiseSecurity / StorageN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A			•						,	
04/11/18WebyogHGGCOn PremiseIT Infrastructure & ManagementN/AN/AN/AN/AN/AN/A04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/AN/A04/10/18FortscaleRSAOn PremiseSecurity / StorageN/AN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A			6Sense		0,	,		,		,
04/11/18Finivation SoftwareAdvantEdge AnalyticsSaaSAccounting / ERPN/AN/AN/AN/AN/AN/A04/10/18FortscaleRSAOn PremiseSecurity / StorageN/AN/AN/AN/AN/AN/A04/10/18KopernioBaring Private Equity AsiaSaaSContent / Document ManagementN/AN/AN/AN/AN/A04/10/18CultureIQParkerGale CapitalSaaSHuman CapitalN/AN/AN/AN/AN/A	04/11/18	Nebulr	Contino		Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/10/18 Fortscale RSA On Premise Security / Storage N/A										/
04/10/18 Kopernio Baring Private Equity Asia SaaS Content / Document Management N/A						,	,		,	,
04/10/18 CultureIQ ParkerGale Capital SaaS Human Capital N/A N/A N/A N/A N/A N/A N/A								,	,	,
		•	S 1 /		, .					
04/10/18 Keystyle Data Solutions Bain Capital On Premise Human Capital N/A N/A N/A N/A N/A N/A			•		•	,	,	,		,
	04/10/18	Keystyle Data Solutions	Bain Capital	On Premise	Human Capital	N/A	N/A	N/A	N/A	N/A

					Enterprise	Targe	et LTM	Enterprise Value /	
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
04/10/18	TotalDiscovery	Catalyst Repository Systems	SaaS	Content / Document Management	N/A	N/A	N/A	N/A	N/A
	Capital One Investing	Woodbury Financial Services	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
04/10/18	Sparkline Data	Oracle	On Premise	Hosting / Data Center	N/A	N/A	N/A	N/A	N/A
04/10/18	ExactBid	Silver Lake Management	SaaS	Content / Document Management	\$52	N/A	N/A	N/A	N/A
04/09/18	VeriFone	Francisco Partners	On Premise	Fintech	\$3,247	\$1,819	\$118	1.8x	27.6x
04/09/18	Kensho	S&P Global	SaaS	Business Intelligence	\$550	N/A	N/A	N/A	N/A
04/09/18	Ignis Studios	Momentous Entertainment	On Premise	Gaming	\$22	\$9	N/A	2.4x	N/A
04/09/18	OccupEye	Asure Software	On Premise	Business Software	N/A	N/A	N/A	N/A	N/A
04/09/18	Lead Dolphin	Club OS	SaaS	CRM	N/A	N/A	N/A	N/A	N/A
04/09/18	SourceClear	CA Technologies	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
04/09/18	STAGES Software	Standard For Success	On Premise	Education	N/A	N/A	N/A	N/A	N/A
04/08/18	Edmodo	NetDragon Websoft	SaaS	Education	\$138	N/A	N/A	N/A	N/A
04/06/18	LocusView Solutions	NortecView	SaaS	Mapping / Tracking	N/A	N/A	N/A	N/A	N/A
04/06/18	Tomorrow's Net	APFM	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
04/05/18	Stratus Data Systems	ilookabout	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
04/05/18	Wind Lake Solutions	SSP Innovations	On Premise	IT Infrastructure & Management	N/A	N/A	N/A	N/A	N/A
04/05/18	MainStreet Technologies	Accel-KKR	On Premise	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
04/05/18	C-SATS	Johnson & Johnson	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
04/05/18	ImageTag	enChoice	On Premise	Content / Document Management	N/A	N/A	N/A	N/A	N/A
04/05/18	Chalk & Wire	Campus Labs	SaaS	Education	N/A	N/A	N/A	N/A	N/A
04/05/18	Entero Corporation	Quorum Software	On Premise	Oil & Gas	N/A	N/A	N/A	N/A	N/A
04/05/18	Bunchball	BI Worldwide	SaaS	Gaming	N/A	N/A	N/A	N/A	N/A
04/05/18	SiteLock	ABRY Partners	SaaS	Security / Storage	N/A	\$20	N/A	N/A	N/A
04/04/18	Dreamsquare	Eurazeo Pme	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
04/04/18	eBECS	DXC Technology	SaaS	Business Intelligence	N/A	\$45	(\$1)	N/A	N/A
04/04/18	Sable37	DXC Technology	SaaS	Business Intelligence	N/A	N/A	N/A	N/A	N/A
04/04/18	Insurance Technologies Corporation	Accel-KKR	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
	Kepler Group	Kyu Collective	SaaS	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
04/04/18	TourBuzz	Urbanimmersive	On Premise	CAD / CAM	\$35	N/A	N/A	N/A	N/A
	Lucsan Capital	IRESS	On Premise	Governance, Risk, & Compliance	N/A	N/A	N/A	N/A	N/A
	Promax Unlimited	SNH Capital Partners	SaaS	Business Software	N/A	N/A	N/A	N/A	N/A
	Profits4Purpose	YourCause	SaaS	Human Capital	N/A	N/A	N/A	N/A	N/A
	Pulselocker	Beatport	On Premise	Content and Services	N/A	N/A	N/A	N/A	N/A
04/03/18	0	Francisco Partners	SaaS	Security / Storage	\$739	N/A	N/A	N/A	N/A
04/03/18		InVisionApp	SaaS	Development	N/A	N/A	N/A	N/A	N/A
04/03/18		Johnson Controls International	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
	Vatica Health	Great Hill Partners	SaaS	Healthcare / Biotechnology	N/A	N/A	N/A	N/A	N/A
	Wind River Systems	TPG Capital	SaaS	Security / Storage	N/A	N/A	N/A	N/A	N/A
	Ministry of Ideas	Innovise	SaaS	Governance, Risk, & Compliance	N/A	N/A	N/A	N/A	N/A
	RMG Networks	SCG Digital	On Premise	Business Software	\$15	\$36	(\$3)	0.4x	N/M
	Counselytics	Conga	On Premise	Content / Document Management	N/A	N/A	N/A	N/A	N/A
	Reputation.com	The Stagwell Group	SaaS	Knowledge / Content	N/A	N/A	N/A	N/A	N/A
	Quest Solutions	WILsquare Capital	SaaS	Accounting / ERP	N/A	N/A	N/A	N/A	N/A
	Shift Savings	Cuna Mutual Group	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
	Booker	MINDBODY	SaaS	Retail Software	\$150	\$25	N/A	6.0x	N/A

					Enterprise	Targe	et LTM	Enterpris	e Value /
Date	Target	Acquirer	Delivery	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
04/02/18	Carbon Media Group	VerticalScope	SaaS	Knowledge / Content (Social)	N/A	N/A	N/A	N/A	N/A
04/02/18	Student Sheet	Advanced Solutions Visual Collab	SaaS	Education	N/A	N/A	N/A	N/A	N/A
04/01/18	Firm58	ESW Capital	SaaS	Fintech	N/A	N/A	N/A	N/A	N/A
04/01/18	Field 59	TownNews.com	SaaS	Content / Document Management	N/A	N/A	N/A	N/A	N/A
04/01/18	BioWare San Carlos	Electronic Arts	On Premise	Gaming	N/A	N/A	N/A	N/A	N/A
Software Me	dian				\$75	\$38	\$1	5.0x	15.5x
Software Me	an				\$600	\$173	\$13	5.9x	18.7x



Software IPOs

							Iultiples	Metrics	and Financi	ings		Share Info	rmation				Follow On Info	rmation		
		Days on					EV /			0.	IPO Offer	File to		Chg Since	Days Post	Amount	Relative to Fo	ollow On	IPO to	Primary
IPO Date	Filing Date	File	EV IPO An	nount Raised	Market Cap	EV / Rev	EBITDA	at IPO	Growth	at IPO		Price Chg	Price	IPO		Raised	IPO Raise		Price Chg	Shares
Software																				
06/29/18	06/01/18	28 Domo	\$366	\$193	\$560	3.2x	NM	56%	20%	(\$24)	\$21		\$27	30%	NA	NA	NA	NA	NA	NA
06/14/18		34 Avalara	1.345	180	1,525	6.0	NM	35%	35%	(25)		4%	53	122%	NA	NA	NA	NA	NA	NA
05/17/18		31 Pluralsight	1,361	311	1,672	7.6	NM	36%	58%	(91)	15	7%	24	63%	NA	NA	NA	NA	NA	NA
05/04/18	04/09/18	25 Carbon Black	1,181	152	1,333	6.8	NM	50%	22%	34	19		26	37%	NA	NA	NA	NA	NA	NA
04/27/18	03/26/18	32 Smartsheet	1,312	176	1,489	11.8	NM	66%	55%	52	15	7%	26	73%	NA	NA	NA	NA	NA	NA
04/27/18	03/28/18	30 DocuSign	3,502	629	4,131	6.8	NM	36%	32%	257	29	4%	53	83%	NA	NA	NA	NA	NA	NA
04/26/18	01/17/18	99 Ceridian HCM	1,936	531	2,467	2.5	18.3x	10%	NM	(1,058)	22	5%	33	51%	NA	NA	NA	NA	NA	NA
04/20/18	03/23/18	28 Pivotal Software	2,449	555	3,004	4.8	NM	22%	34%	53	15		24	62%	NA	NA	NA	NA	NA	NA
04/12/18		27 Zuora	1,323	154	1,477	7.9	NM	49%	40%	32	14	8%	27	94%	NA	NA	NA	NA	NA	NA
03/23/18		28 Dropbox	10,293	756	11,049	9.3	NM	31%	27%	256	21	5%	32	54%	NA	NA	NA	NA	NA	NA
03/16/18		28 Zscaler	2,067	192	2,259	13.4	NM	92%	48%	72	16	7%	36	123%	NA	NA	NA	NA	NA	NA
02/09/18		28 Cardlytics	195	70	266	1.5	NM	16%	19%	(36)			22	67%	NA	NA	NA	NA	NA	NA
11/17/17		28 SailPoint	664	240	904	4.1	43.4x	71%	40%	(137)	12	9%	25	105%	NA	NA	NA	NA	NA	NA
11/14/17		27 SendGrid	654 259	131	785	6.3	NM	77%	NM	21	16	3%	27	66% 163%	NA	NA	NA	NA	NA	NA
11/01/17 10/27/17		33 Altair Engineering	698	156	415 814	0.8	NM	11% 62%	8% 23%	(75)	13		34 34	56%	NA	NA	NA	NA	NA	NA NA
		25 ForeScout	1.194	116	1.386	3.4 9.6	NM	90%	23% 54%	48	22	9%	34 50	107%	NA	NA	NA	NA	NA	
10/19/17		28 MongoDB 29 Tintri	1,194	60	,	9.6	NM	90%	26%	(20)	24	9%	0	(96%)			NA			NA
06/30/17 06/07/17		69 SST	87	31	216	5.1	NM	44%	49%	(20)			38	245%	NA	NA	NA	NA	NA	NA
05/25/17		97 Appian	680	75	755	5.0	NM	22%	24%	15	11		36	245%	NA	NA	NA	NA	NA	NA
05/12/17		58 Veritone	176	38	213	17.7	NM	(29%)	53%	(7)			17	12%	NA	NA	NA	NA	NA	NA
04/28/17		28 Cloudera	1,936	225	2.161	7.4	NM	57%	41%	74	15	7%	14	(9%)	NA	NA	NA	NA	NA	NA
04/13/17		31 Yext	1,014	116	1,129	8.2	NM	38%	37%	19	11	10%	19	76%	NA	NA	NA	NA	NA	NA
04/07/17		25 Okta	1,546	187	1,733	9.6	NM	87%	62%	23	17	10/0	50	196%	NA	NA	NA	NA	NA	NA
03/24/17		28 Alteryx	819	126	945	9.5	NM	59%	50%	31	14		38	173%	NA	NA	NA	NA	NA	NA
03/17/17		28 MuleSoft	2,553	221	2,774	13.6	NM	70%	55%	35	17	6%	45	162%	NA	NA	NA	NA	NA	NA
10/28/16		28 BlackLine	768	146	914	6.8	NM	117%	29%	(46)			43	155%	29	115	79%	31	(21%)	8%
10/06/16	09/08/16	28 Coupa Software	917	133	1,051	8.4	NM	115%	34%	80	18		62	246%	NA	NA	NA	NA	NA	NA
09/30/16	12/22/15	283 Nutanix	2,279	238	2,517	5.1	NM	84%	70%	26	16	23%	52	222%	NA	NA	NA	NA	NA	NA
09/22/16	08/26/16	27 Apptio	578	96	674	4.0	NM	34%	11%	23	16		36	126%	NA	NA	NA	NA	NA	NA
09/23/16	08/26/16	28 Beijing Gridsum Technology	317	87	405	6.9	NM	129%	22%	16	13	4%	7	(46%)	NA	NA	NA	NA	NA	NA
09/16/16	08/19/16	28 Everbridge	224	90	314	3.3	NM	58%	29%	(14)	12		47	295%	21	74	82%	20	(18%)	92%
07/29/16	06/28/16	31 Talend	409	95	503	4.6	NM	42%	27%	(4)	18	6%	62	246%	NA	NA	NA	NA	NA	NA
04/22/16	12/17/15	127 SecureWorks	1,017	112	1,129	3.0	NM	30%	26%	5	14	(10%)	12	(11%)	NA	NA	NA	NA	NA	NA
12/10/15		76 Atlassian	4,239	462	4,701	12.0	NM	64%	34%	187	21	5%	63	198%	NA	NA	NA	NA	NA	NA
11/19/15		36 Square	2,869	243	3,112	2.5	NM	107%	NM	174	9	(18%)	62	585%	NA	NA	NA	NA	NA	NA
11/13/15		35 Instructure	393	70	464	6.0	NM	150%	11%	32	16		43	166%	NA	NA	NA	NA	NA	NA
10/14/15		86 First Data	11,673	2,560	14,233	1.0	4.2	3%	1%	(20,809)	16	(11%)	21	31%	NA	NA	NA	NA	NA	NA
07/16/15		35 Rapid7	550	103	653	6.0	NM	53%	NM	10	16	7%	28	76%	NA	NA	NA	NA	NA	NA
06/25/15		38 AppFolio	325	74	399	6.0	12.5	102%	NM	2	12		61	410%	NA	NA	NA	NA	NA	NA
06/18/15		38 MINDBODY	368	100	468	4.8	NM	102%	NM	5	14		39	176%	526	123	123%	28	23%	100%
05/21/15		36 Shopify	1,369	131	1,500	11.1	NM	57%	NM	(13)		6%	145	751%	273	330	252%	38	152%	100%
01/22/15	03/24/14	304 Box	1,658	175	1,833	8.6	NM 15.4v	146%	55%	125	14	8%	25	79%	NA	NA 6110	NA 1020(NA 620	NA 20/	NA
Median		30	\$1,014	\$152	\$1,129	6.0x	15.4x	57%	34%	\$19		6%		105%	151	\$119	102%	\$30	2%	96%
Mean		52	\$1,621	\$250	\$1,871	6.6x	19.6x	60%	35%	(\$480)		5%		140%	212	\$160	134%	\$29	34%	75%

Internet IPOs

					LTM N	Aultiples	Metrics	and Financ	ings		Share Info	rmation				Follow On Info	rmation		
IPO Date Filing Date	Days on Component	EV II	PO Amount Raised	Market Cap	EV / Dave	EV /	Rev Grwth	NTM Rev	Net Cash	IPO Offer	File to	Current	Chg Since	Days Post	Amount	Relative to Fo	ollow On	IPO to	Primary
IPO Date Filling Date	File	EV II	O Amount Raiseu	Market Cap	EV / KeV	EBITDA	at IPO	Growth	at IPO	Price	Price Chg	Price	IPO	Lock-Up	Raised	IPO Raise	Price	Price Chg	Shares
Internet and Digital N	ledia																		
03/02/17 02/02/17	28 Snap	\$15,653	\$3,400	\$19,053	NM	NM	590%	181%	\$133	\$17	6%	\$13	(23%)	NA	NA	NA	NA	NA	NA
12/16/16 11/14/16	32 Trivago	3,442	287	3,729	4.5	NM	85%	69%	5	11	(15%)	5	(59%)	NA	NA	NA	NA	NA	NA
09/21/16 08/22/16	30 The Trade Desk	604	84	688	4.1	7.4	234%	29%	(18)	18		94	421%	64	252	300%	52	200%	NA
07/14/16 06/10/16	34 LINE	5,974	699	6,673	5.3	29.9	39%	25%	5	32		41	29%	NA	NA	NA	NA	NA	NA
06/23/16 05/26/16	28 Twilio	1,245	150	1,395	6.5	NM	117%	49%	103	15	7%	56	273%	NA	NA	NA	NA	NA	NA
12/18/15 11/16/15	32 Yirendai	1,020	75	1,095	6.5	NM	4932%	182%	20	10		21	112%	NA	NA	NA	NA	NA	NA
11/19/15 10/16/15	34 Match Group	23	400	423	0.0	0.1	24%	23%	97	12		39	223%	NA	NA	NA	NA	NA	NA
05/20/15 04/17/15	33 Baozun Commerce	1,348	110	1,458	4.7	33.4	17%	NM	28	10	(17%)	55	447%	386	81	74%	12	(26%)	NA
04/01/15 06/09/14	296 GoDaddy	1,662	460	2,122	1.2	NM	NM	15%	(1,221)	20	5%	71	253%	710	882	192%	32	92%	2%
Median	32	\$1,348	\$287	\$1,458	4.6x	18.7x	101%	39%	\$20		5%		223%	386	\$252	192%	\$32	92%	2%
Mean	61	\$3,441	\$629	\$4,071	4.1x	17.7x	755%	72%	(\$94)		(3%)		186%	387	\$405	189%	\$32	89%	2%



Hardware & Tech-Enabled Services IPOs

					LTM N	Aultiples	Metrics	and Financi	ngs		Share Info	rmation			F	ollow On Info	ormation		
IPO Date Filin	ng Date Company	EV IDO	Amount Raised	Market Cap	EV / Rev	EV /	Rev Grwth	NTM Rev	Net Cash	IPO Offer	File to	Current	Chg Since	Days Post	Amount	Relative to Fe	ollow On	IPO to	Primary
IPO Date Film	File	EV IPO	Amount Kaiseu	warket cap	EV/KeV	EBITDA	at IPO	Growth	at IPO	Price	Price Chg	Price	IPO	Lock-Up	Raised	IPO Raise	Price	Price Chg	Shares
Hardware & T	Tech-Enabled Services																		
09/28/17 09/0	/01/17 27 Roku	\$1,303	\$219	\$1,523	3.0x	NM	36%	41%	\$47	\$14		\$43	204%	NA	NA	NA	NA	NA	NA
05/24/17 04/2	28/17 26 Smart Modular Technologies	181	58	239	0.3	1.3	(3%)	53%	(192)	11	(15%)	32	190%	NA	NA	NA	NA	NA	NA
11/01/16 10/0	/04/16 28 GDS Services	7,333	193	7,526	NM	NM	92%	3%	(470)	10	(17%)	40	301%	NA	NA	NA	NA	NA	NA
10/28/16 09/2	/29/16 29 Quantenna Communications	500	107	607	4.3	NM	75%	40%	11	16		16	(3%)	NA	NA	NA	NA	NA	NA
08/12/16 07/2	/15/16 28 Airgain	50	12	62	1.5	NM	35%	25%	2	8	(11%)	9	15%	(61)	40	333%	18	233%	57%
11/18/15 10/2	/16/15 33 Mimecast	503	78	581	3.9	NM	45%	NM	24	10		41	312%	NA	NA	NA	NA	NA	NA
10/09/15 08/0	/07/15 63 CPI Card Group	420	150	570	1.1	NM	88%	1%	(411)	10	(17%)	2	(80%)	NA	NA	NA	NA	NA	NA
10/07/15 08/3	/12/15 56 Pure Storage	3,468	425	3,893	12.7	NM	541%	98%	128	17		24	40%	NA	NA	NA	NA	NA	NA
06/26/15 05/2	/22/15 35 Racine's Locksmithing & Security	571	98	669	3.2	9.1	36%	11%	32	14		40	188%	NA	NA	NA	NA	NA	NA
06/18/15 05/0	/07/15 42 Fitbit	3,981	732	4,713	4.1	NM	259%	NM	78	20	5%	7	(67%)	(33)	493	67%	29	(33%)	NA
05/19/15 12/2	/23/14 147 Black Knight	1,130	441	1,571	1.3	2.4	NM	8%	(2,079)	25		54	119%	NA	NA	NA	NA	NA	NA
03/25/15 02/2	/18/15 35 Solaredge Technologies	651	126	777	3.0	4.9	173%	NM	19	18		48	166%	NA	NA	NA	NA	NA	NA
Median	34	\$611	\$138	\$723	3.0x	3.7x	75%	25%	\$15		(15%)		142%	(47)	\$266	200%	\$24	100%	57%
Mean	46	\$1,674	\$220	\$1,894	3.5x	4.4x	125%	31%	(\$234)		(11%)		115%	(47)	\$266	200%	\$24	100%	57%



Public Company Valuation

	Price	52-Wk				/ Revenue			EV / EBITDA			P/E	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
CRM													
Salesforce	\$136.40	98%	\$101,333	\$98,162	8.8x	7.5x	6.2x	NM	33.2x	26.1x	NM	59.0x	50.5x
Zendesk	54.49	92%	5,697	5,399	11.6	9.5	7.4	NM	NM	NM	NM	NM	NM
HubSpot	125.40	88%	4,817	4,590	11.3	9.3	7.5	NM	NM	NM	NM	NM	122.9
Pegasystems	54.80	84%	4,306	4,051	4.8	4.2	3.8	NM	30.0	23.9	NM	46.8	38.3
Five9	34.57	89%	1,994	1,961	9.2	8.3	7.1	NM	NM	NM	NM	123.5	85.1
LivePerson	21.10	89%	1,281	1,224	5.4	5.1	4.5	NM	NM	41.9	NM	NM	111.1
Median		89%	\$4,561	\$4,321	9.0x	7.9x	6.7x	NM	31.6x	26.1x	NM	59.0x	85.1x
Mean		90%	\$19,905	\$19,231	8.5x	7.3x	6.1x	NM	31.6x	30.6x	NM	76.4x	81.6x
Accounting / ERP													
Oracle	\$44.06	83%	\$175,410	\$169,266	4.2x	4.2x	4.0x	10.3x	8.8x	8.4x	44.6x	13.2x	12.2x
SAP	114.41	93%	136,535	126,146	4.6	4.4	4.1	16.7	12.8	11.7	27.2	22.4	20.1
International Business Machines	139.70	83%	128,240	161,909	2.0	2.0	2.0	10.0	8.7	8.2	22.7	10.1	9.9
Intuit	204.31	96%	52,422	50,517	8.7	8.5	7.7	27.7	23.1	21.0	44.0	37.0	31.3
Sage Group	8.22	72%	8,905	9,948	4.2	4.1	3.8	19.3	13.8	12.8	24.5	18.9	17.2
Xero	33.06	95%	4,558	4,500	15.2	12.0	9.3	NM	NM	46.1	NM	NM	123.6
Coupa Software	62.24	97%	3,548	3,283	16.3	13.9	11.3	NM	NM	NM	NM	NM	NM
BlackLine	43.43	87%	2,321	2,207	11.6	9.8	7.9	NM	NM	NM	NM	NM	NM
Qad	50.15	91%	941	811	2.5	2.4	2.3	NM	44.3	39.3	NM	107.8	96.4
Upland Software	34.37	94%	740	867	8.0	6.3	5.8	NM	17.7	16.0	NM	21.3	20.0
Median		92%	\$6,731	\$7,224	6.3x	5.4x	5.0x	16.7x	13.8x	14.4x	27.2x	21.3x	20.1x
Mean		89%	\$51,362	\$52,945	7.7x	6.8x	5.8x	16.8x	18.4x	20.4x	32.6x	33.0x	41.4x
Supply Chain Management													
SAP	\$114.41	93%	\$136,535	\$126,146	4.6x	4.4x	4.1x	16.7x	12.8x	11.7x	27.2x	22.4x	20.1x
Dassault Systemes	138.75	95%	35,523	33,250	8.8	8.4	7.7	29.1	25.1	22.6	56.6	40.7	36.5
PTC	93.81	94%	10,852	11,173	9.2	8.9	8.1	NM	36.6	29.8	NM	68.5	45.8
Aspen Technology	92.74	93%	6,624	6,723	13.5	12.8	12.0	31.5	26.2	24.3	40.8	34.3	31.8
Manhattan Associates	47.01	87%	3,141	3,022	5.2	5.5	5.5	16.7	21.3	23.7	29.2	31.1	34.3
Descartes (Logistics)	32.31	100%	2,482	2,497	10.0	9.1	8.2	32.8	26.6	23.2	83.9	26.9	23.8
American Software	14.57	90%	443	364	3.2	2.9	2.7	25.8	15.9	12.9	36.4	28.6	23.1
Median		93%	\$6,624	\$6,723	8.8x	8.4x	7.7x	27.4x	25.1x	23.2x	38.6x	31.1x	31.8x
Mean		93%	\$27,943	\$26,168	7.8x	7.4x	6.9x	25.4x	23.5x	21.2x	45.7x	36.1x	30.8x



Public Company Valuation (cont.)

						-							
	Price	52-Wk				Revenue			EV / EBITDA			P/E	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Human Capital Management													
Workday	\$121.12	87%	\$26,041	\$24,185	10.6x	9.0x	7.3x	NM	48.4x	36.1x	NM	95.4x	73.4x
Paychex	68.35	97%	24,538	19,410	5.7	5.4	5.1	13.5	13.1	12.2	26.3	24.1	22.3
Ultimate Software Group	257.31	92%	7,877	6,528	6.6	5.8	5.0	NM	23.5	19.4	NM	47.0	39.2
Paycom Software	98.83	84%	5,837	4,709	10.1	8.6	7.0	42.0	21.3	17.4	70.1	39.7	31.8
Paylocity	58.86	92%	3,099	2,970	8.4	6.5	5.3	NM	29.1	22.8	84.8	56.1	42.7
Cornerstone OnDemand	47.43	89%	2,736	2,656	5.3	5.2	4.7	NM	29.2	21.1	NM	68.7	42.2
Median		91%	\$6,857	\$5,619	7.5x	6.2x	5.2x	27.8x	26.3x	20.2x	70.1x	51.5x	40.7x
Mean		90%	\$11,688	\$10,076	7.8x	6.8x	5.7x	27.8x	27.4x	21.5x	60.4x	55.2x	41.9x
Knowledge / Content Management													
Adobe Systems	\$243.81	94%	\$119,385	\$114,925	14.1x	12.9x	10.8x	39.8x	29.1x	23.9x	55.6x	36.1x	31.8x
VeriSign	137.42	95%	16,914	16,972	14.4	14.0	13.3	21.8	19.7	18.8	28.6	30.0	26.6
Akamai Technologies	73.23	89%	12,450	12,307	4.8	4.6	4.2	18.6	11.7	10.5	48.9	22.5	19.6
OpenText	34.90	90%	9,335	11,399	4.2	3.9	3.9	12.1	10.7	10.1	38.4	12.6	11.9
SDL	5.65	65%	465	435	1.2	1.1	1.1	15.4	10.4	9.5	115.8	18.3	15.9
MobileIron	4.45	71%	448	349	2.0	1.8	1.7	NM	NM	NM	NM	NM	NM
Brightcove	9.65	91%	341	315	2.0	1.9	1.7	NM	NM	33.6	NM	NM	74.2
Median		90%	\$9,335	\$11,399	4.2x	3.9x	3.9x	18.6x	11.7x	14.7x	48.9x	22.5x	23.1x
Mean		85%	\$22,763	\$22,386	6.1x	5.7x	5.3x	21.5x	16.3x	17.7x	57.5x	23.9x	30.0x
Business Intelligence													
International Business Machines	\$139.70	83%	\$128,240	\$161,909	2.0x	2.0x	2.0x	10.0x	8.7x	8.2x	22.7x	10.1x	9.9x
Tableau Software	97.75	94%	7,971	7,105	7.7	7.3	6.4	NM	NM	NM	NM	NM	NM
NICE Systems	103.77	94%	6,362	6,344	4.7	4.4	4.1	20.9	14.7	13.9	42.0	22.9	20.6
Teradata	40.15	91%	4,870	4,455	2.1	2.0	2.0	21.8	12.2	11.0	NM	28.5	23.5
Pegasystems	54.80	84%	4,306	4,051	4.8	4.2	3.8	NM	30.0	23.9	NM	46.8	38.3
Nuance	13.89	74%	4,102	5,792	2.9	2.8	2.7	NM	9.8	9.4	NM	12.4	11.9
Verint Systems	44.35	96%	2,839	3,230	2.8	2.6	2.5	18.9	11.2	9.7	NM	14.3	12.9
Talend	62.28	98%	1,845	1,751	10.8	8.6	6.7	NM	NM	NM	NM	NM	NM
Progress Software	38.82	74%	1,747	1,722	4.3	4.3	4.2	12.9	8.7	9.1	29.3	15.5	15.3
MicroStrategy	127.75	66%	1,462	767	1.5	1.5	1.5	12.7	16.5	13.5	NM	54.1	42.7
Median		88%	\$4,204	\$4,253	3.6x	3.5x	3.3x	15.9x	11.7x	10.3x	29.3x	19.2x	18.0x
Mean		85%	\$16,375	\$19,713	4.3x	4.0x	3.6x	16.2x	14.0x	12.3x	31.3x	25.6x	21.9x



Public Company Valuation (cont.)

	Price	52-Wk		_		/ Revenue			EV / EBITDA			P/E	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Systems / Network Management													
VMware	\$146.97	97%	\$59,796	\$51,402	6.3x	5.9x	5.4x	15.9x	14.9x	14.2x	45.9x	24.4x	22.1x
ServiceNow	172.47	93%	30,471	29,740	14.1	11.4	8.9	NM	44.7	31.9	NM	75.0	55.4
L3 Technologies	192.32	88%	15,093	18,135	2.0	1.8	1.7	14.5	13.4	12.2	19.3	19.7	17.5
CA Technologies	35.65	96%	14,989	14,367	3.4	3.4	3.3	9.6	8.8	8.6	31.1	12.8	12.5
Splunk	99.11	83%	14,371	13,421	10.0	8.2	6.5	NM	NM	38.9	NM	94.4	66.1
Citrix Systems	104.84	96%	14,208	14,881	5.2	5.1	5.0	19.0	14.9	15.0	103.7	19.9	18.2
Juniper Networks	27.42	92%	9,574	8,779	1.8	1.8	1.8	8.9	8.2	7.8	39.6	15.0	12.9
LogMeIn	103.25	77%	5,390	5,024	4.6	4.1	3.8	15.9	11.3	10.1	35.7	19.6	17.1
NetScout Systems	29.70	85%	2,384	2,536	2.6	2.5	2.4	17.4	12.1	11.0	31.2	22.3	18.3
Median		92%	\$14,371	\$14,367	4.6x	4.1x	3.8x	15.9x	12.7x	12.2x	35.7x	19.9x	18.2x
Mean		89%	\$18,475	\$17,587	5.6x	4.9x	4.3x	14.5x	16.0x	16.6x	43.8x	33.7x	26.7x
Security / Storage													
Palo Alto Networks	\$205.47	95%	\$19,084	\$18,007	8.5x	8.0x	6.6x	NM	32.2x	24.8x	NM	53.0x	42.4x
VeriSign	137.42	95%	16,914	16,972	14.4	14.0	13.3	21.8	19.7	18.8	28.6	30.0	26.6
Splunk	99.11	83%	14.371	13.421	10.0	8.2	6.5	NM	NM	38.9	NM	94.4	66.1
Symantec	20.65	60%	12.835	15.699	3.2	3.2	3.1	11.0	7.2	6.9	12.6	13.2	11.6
Fortinet	62.43	94%	10,494	9,190	5.9	5.3	4.7	47.8	22.6	18.7	NM	40.5	35.5
Proofpoint	115.31	90%	5,863	5,947	10.5	8.4	6.6	NM	NM	43.5	NM	108.8	71.6
Sophos	8.35	89%	3,936	4,123	6.4	5.6	4.9	NM	48.3	38.2	NM	81.1	59.7
Box	24.99	86%	3,293	3,166	6.0	5.2	4.3	NM	NM	NM	NM	NM	NM
Qualys	84.30	87%	3,286	2,957	12.2	10.6	9.0	48.9	28.7	24.1	116.1	57.3	49.6
FireEye	15.39	81%	2,954	2,857	3.7	3.5	3.2	NM	27.0	22.5	NM	NM	90.5
CyberArk	62.96	95%	2,240	2,013	7.3	6.3	5.4	NM	29.4	24.1	149.9	46.9	39.4
Imperva	48.25	92%	1,674	1,295	3.9	3.5	3.0	NM	18.5	15.1	NM	52.4	27.4
ForeScout	34.26	93%	1,377	1,175	4.9	4.2	3.5	NM	NM	NM	NM	NM	NM
Rapid7	28.22	83%	1,305	1,175	5.6	5.0	4.2	NM	NM	NM	NM	NM	NM
Radware	25.28	100%	1,126	1,018	4.7	4.4	4.0	NM	40.3	30.9	NM	70.2	50.6
SecureWorks	12.45	94%	1,017	940	2.0	1.8	1.7	NM	NM	NM	NM	NM	NM
Zix	5.39	91%	290	260	3.9	3.7	3.5	19.4	12.5	11.5	NM	17.7	15.4
Median		91%	\$3,286	\$2,957	5.9x	5.2x	4.3x	21.8x	27.0x	24.1x	72.4x	52.7x	42.4x
Mean		89%	\$6,003	\$5,895	6.7x	6.0x	5.2x	29.8x	26.0x	24.5x	76.8x	55.5x	45.1x



Public Company Valuation (cont.)

	Price	52-Wk			EV	/ Revenue			EV / EBITDA			P/E	
Company	06/30/18	High	Mkt Cap	EV -	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Application Infrastructure													
Microsoft	\$98.61	96%	\$757.640	\$702,527	7.1x	5.8x	5.3x	17.6x	13.9x	12.2x	76.3x	24.6x	21.1x
Oracle	44.06	83%	175,410	169,266	4.2	4.2	4.0	10.3	8.8	8.4	44.6	13.2	12.2
International Business Machines	139.70	83%	128,240	169,200	2.0	2.0	2.0	10.3	8.7	8.4	22.7	10.1	9.9
Red Hat	139.70	76%	23,847	22,498	7.4	6.6	5.8	37.1	24.5	21.3	79.5	38.8	34.1
Hewlett Packard Enterprise	134.57	75%	23,847	28,992	1.0	0.0	0.9	13.1	5.5	5.3	6.4	10.0	9.5
Atlassian	62.52	92%	14,631	13,867	17.2	12.5	10.1	NM	45.3	38.3	0.4 NM	94.7	73.6
Nutanix	51.57	<u>92%</u> 81%	8.802	8.301	8.1	7.2	6.2	NM	45.3 NM		NM	94.7 NM	
New Relic	100.59	91%	5,683	5,435	15.3	11.9	9.5	NM	NM	NM	NM	NM	147.9
Software		77%		3,253	3.2	3.2	3.1			10.2	20.5	15.6	
	45.98		3,403					10.9	10.5				14.6
Progress Software	38.82	74%	1,747	1,722	4.3	4.3	4.2	12.9	8.7	9.1 NM	29.3	15.5	15.3
Hortonworks	18.22	85%	1,440	1,351	4.7	=	3.3	NM	NM		NM	NM	NM
Apptio	36.20	97%	1,172	1,033	5.2	4.5	3.9	NM	NM	NM	NM	NM	NM
Median		83%	\$11,716	\$11,084	5.0x	4.4x	4.1x	12.9x	9.7x	9.6x	29.3x	15.5x	15.3x
Mean		84%	\$95,344	\$93,346	6.6x	5.6x	4.9x	16.0x	15.7x	14.1x	39.9x	27.8x	37.6x
Financial Technology													
Fiserv	\$74.09	97%	\$30,335	\$34,557	6.0x	5.9x	5.7x	15.5x	16.0x	15.2x	25.9x	23.7x	21.0x
Square	61.64	91%	24,699	23,971	9.9	16.2	12.1	NM	NM	NM	NM	137.0	78.5
First Data	20.93	95%	19,444	40,717	3.5	4.7	4.4	14.5	12.2	11.5	11.9	14.4	12.8
MSCI	165.43	96%	14,727	15,956	12.0	11.1	10.1	23.0	20.4	18.3	43.2	31.5	27.0
Jack Henry and Associates	130.36	98%	10,076	10,124	6.7	6.2	5.9	19.1	18.1	16.9	28.4	32.5	29.8
FactSet Research Systems	198.10	92%	7,701	7,701	5.9	5.7	5.4	18.9	16.8	15.7	29.9	23.2	20.6
Guidewire Software	88.78	93%	7,126	6,434	10.8	9.9	8.2	NM	45.5	39.9	NM	81.4	69.4
Fair Isaac	193.32	96%	5,769	6,365	6.5	6.2	5.7	28.4	23.2	20.0	47.0	30.1	25.9
Ellie Mae	103.84	90%	3,567	3,335	7.5	6.7	5.6	35.8	25.6	19.4	78.7	59.0	41.9
ACI Worldwide	24.67	92%	2,872	3,477	3.5	3.3	3.2	21.4	13.4	11.5	NM	38.2	27.1
Envestnet	54.95	92%	2,485	2,864	4.0	3.5	3.1	42.3	18.7	15.5	136.6	30.4	25.0
Q2 Holdings	57.05	91%	2,423	2,304	11.3	9.7	7.9	NM	NM	NM	NM	NM	NM
Ebix	76.25	88%	2,399	2,572	6.5	5.6	5.1	19.4	15.3	13.7	23.3	20.9	17.3
Distell Group	9.28	75%	2,035	2,340	1.3	1.3	1.2	11.2	8.8	7.5	19.5	14.3	11.7
Bottomline Technologies	49.83	98%	2,034	2,079	5.5	4.9	4.5	46.4	20.4	18.0	NM	34.5	30.8
Median		92%	\$5,769	\$6,365	6.5x	5.9x	5.6x	20.4x	18.1x	15.7x	29.1x	30.9x	26.5x
Mean		92%	\$9,179	\$10,986	6.7x	6.7x	5.9x	24.7x	19.6x	17.2x	44.4x	40.8x	31.3x
Healthcare IT / Life Sciences Software													
Cerner	\$59.79	81%	\$19,839	\$19,363	3.7x	3.6x	3.3x	12.7x	11.9x	10.8x	23.3x	23.9x	21.3x
	76.86	91%	11,025	10,106		12.2		NM	36.5	30.4	72.4	56.1	48.3
Veeva Systems	159.14	91%		6,558	5.2	4.9	4.4			<u> </u>	72.4		48.3
Athenahealth			6,431					26.1	17.3			39.8	
Medidata Solutions	80.56	95%	4,771	4,623	8.1	7.2	6.1	49.9	30.4	23.3	98.8	51.9	39.5
Allscripts	12.00	75%	2,135	3,768	2.0	1.7	1.6	41.9	8.7	8.0	NM	15.6	13.6
Quality Systems	19.50	96%	1,252	1,260	2.4	2.3	2.2	29.1	14.8	13.2	NM	26.0	23.8
HealthStream	27.31	95%	882	687	2.8	3.0	2.9	17.6	17.7	15.9	71.9	81.6	71.9
Castlight Health	4.25	93%	578	508	3.6	3.3	2.8	NM	NM	49.8	NM	NM	<u>NM</u>
Cegedim	38.85	73%	543	827	1.6	1.5	1.4	8.7	8.5	7.8	27.5	16.2	12.5
Median		93%	\$2,135	\$3,768	3.6x	3.3x	2.9x	26.1x	16.1x	15.5x	72.1x	32.9x	29.2x
Mean		89%	\$5,273	\$5,300	4.8x	4.4x	3.9x	26.6x	18.2x	19.4x	61.4x	38.9x	33.2x

Public Company Operating Metrics

	Price	52-Wk			Reve	nue Growth		EBI1	DA Margin	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
CRM										
Salesforce	\$136.40	98%	\$101,333	\$98,162	25%	25%	20%	13%	23%	24%
Zendesk	54.49	92%	5.697	5,399	29%	33%	28%	(18%)	7%	9%
HubSpot	125.40	88%	4.817	4,590	29%	31%	28%	(7%)	9%	11%
Pegasystems	54.80	84%	4,817	4,051	6%	14%	12%	4%	14%	16%
Five9	34.57	89%	1,994	1,961	18%	14%	12%	3%	12%	10%
LivePerson	21.10	89%	1,994	1,961	5%	19%	12%	0%	9%	14%
Median	21.10	89%	\$4.561	\$4,321	21%	22%	12%	3%	12%	11%
Mean		89% 90%	\$4,561	\$19,231	18%	22%	18%	(1%)	12%	14%
Wedn		90%	\$19,905	\$15,251	10%	22/0	19%	(1%)	15%	15%
Accounting / ERP										
Oracle	\$44.06	83%	\$175,410	\$169,266	6%	2%	3%	41%	47%	48%
SAP	114.41	93%	136,535	126,146	8%	7%	8%	28%	35%	35%
International Business Machines	139.70	83%	128,240	161,909	2%	2%	0%	20%	23%	24%
Intuit	204.31	96%	52,422	50,517	14%	14%	11%	31%	37%	37%
Sage Group	8.22	72%	8,905	9,948	13%	13%	8%	22%	29%	30%
Xero	33.06	95%	4,558	4,500	46%	27%	30%	6%	14%	20%
Coupa Software	62.24	97%	3,548	3,283	39%	26%	24%	(19%)	(1%)	4%
BlackLine	43.43	87%	2,321	2,207	28%	27%	25%	(9%)	5%	7%
Qad	50.15	91%	941	811	13%	9%	7%	1%	6%	6%
Upland Software	34.37	94%	740	867	32%	40%	8%	6%	36%	37%
Median		92%	\$6,731	\$7,224	14%	14%	8%	13%	26%	27%
Mean		89%	\$51,362	\$52,945	20%	17%	12%	13%	23%	25%
Supply Chain Management										
SAP	\$114.41	93%	\$136,535	\$126,146	8%	7%	8%	28%	35%	35%
Dassault Systemes	138.75	95%	35.523	33.250	9%	8%	9%	30%	34%	34%
PTC	93.81	94%	10.852	11.173	6%	8%	10%	13%	24%	27%
Aspen Technology	92.74	93%	6,624	6,723	3%	9%	7%	43%	49%	49%
Manhattan Associates	47.01	87%	3,141	3,022	(3%)	(7%)	(1%)	31%	26%	23%
Descartes (Logistics)	32.31	100%	2.482	2,497	19%	16%	10%	30%	34%	35%
American Software	14.57	90%	443	364	6%	10%	10%	13%	19%	21%
Median	14.57	90%	\$6,624	\$6,723	6%	8%	9%	30%	34%	34%
Mean		93%	\$0,024	\$26.168	7%	8% 7%	9% 8%	27%	31%	32%
wedii		93%	əz7,943	\$20,108	170	170	0%	2170	51%	52%



Public Company Operating Metrics (cont.)

	Price	52-Wk			Reve	enue Growth		EBI	DA Margin	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Human Capital Management										
Workday	\$121.12	87%	\$26.041	\$24,185	34%	26%	23%	(7%)	19%	20%
Paychex	68.35	97%	24,538	19,410	7%	6%	6%	42%	41%	42%
Ultimate Software Group	257.31	92%	7.877	6,528	15%	19%	18%	10%	25%	26%
Paycom Software	98.83	84%	5.837	4.709	22%	26%	23%	24%	41%	40%
Paylocity	58.86	92%	3,099	2,970	19%	53%	22%	13%	22%	23%
Cornerstone OnDemand	47.43	89%	2,736	2,656	13%	6%	10%	(2%)	18%	23%
Median		91%	\$6,857	\$5,619	17%	22%	20%	11%	24%	25%
Mean		90%	\$11,688	\$10,076	18%	23%	17%	13%	28%	29%
Knowledge / Content Management										
Adobe Systems	\$243.81	94%	\$119.385	\$114.925	24%	22%	19%	36%	44%	45%
VeriSign	137.42	95%	16.914	16.972	2%	4%	5%	66%	71%	71%
Akamai Technologies	73.23	89%	12,450	12,307	6%	8%	9%	26%	39%	40%
OpenText	34.90	90%	9.335	11,399	19%	26%	0%	35%	37%	39%
SDL	5.65	65%	465	435	2%	6%	4%	8%	11%	11%
MobileIron	4.45	71%	448	349	3%	8%	10%	(31%)	(3%)	2%
Brightcove	9.65	91%	341	315	4%	8%	8%	(6%)	3%	5%
Median		90%	\$9,335	\$11,399	4%	8%	8%	26%	37%	39%
Mean		85%	\$22,763	\$22,386	9%	12%	8%	19%	29%	31%
Business Intelligence										
International Business Machines	\$139.70	83%	\$128,240	\$161,909	2%	2%	0%	20%	23%	24%
Tableau Software	97.75	94%	7,971	7,105	6%	11%	14%	(15%)	2%	7%
NICE Systems	103.77	94%	6,362	6,344	16%	9%	8%	22%	30%	29%
Teradata	40.15	91%	4,870	4,455	(1%)	1%	3%	9%	17%	18%
Pegasystems	54.80	84%	4,306	4,051	6%	14%	12%	4%	14%	16%
Nuance	13.89	74%	4,102	5,792	(1%)	6%	3%	5%	29%	29%
Verint Systems	44.35	96%	2,839	3,230	8%	9%	6%	15%	23%	26%
Talend	62.28	98%	1,845	1,751	28%	37%	27%	(20%)	(5%)	(0%)
Progress Software	38.82	74%	1,747	1,722	(0%)	2%	1%	33%	49%	47%
MicroStrategy	127.75	66%	1,462	767	(1%)	1%	3%	12%	9%	11%
Median		88%	\$4,204	\$4,253	4%	7%	4%	11%	20%	21%
Mean		85%	\$16,375	\$19,713	6%	9%	8%	9%	19%	21%



Public Company Operating Metrics (cont.)

	Price	52-Wk			Reve	nue Growth		EBI1	DA Margin	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Systems / Network Management										
VMware	\$146.97	97%	\$59,796	\$51,402	16%	11%	8%	39%	39%	38%
ServiceNow	172.47	93%	30.471	29,740	29%	34%	29%	3%	26%	28%
L3 Technologies	192.32	88%	15.093	18,135	(3%)	5%	5%	13%	14%	14%
CA Technologies	35.65	96%	14,989	14,367	4%	1%	1%	35%	38%	38%
Splunk	99.11	83%	14,371	13,421	35%	29%	25%	(18%)	14%	17%
Citrix Systems	104.84	96%	14.208	14,881	4%	3%	3%	27%	34%	33%
Juniper Networks	27.42	92%	9.574	8.779	(4%)	(5%)	3%	20%	22%	23%
LogMeln	103.25	77%	5,390	5,024	75%	23%	8%	29%	37%	38%
NetScout Systems	29.70	85%	2.384	2.536	(12%)	1%	4%	15%	21%	22%
Median		92%	\$14,371	\$14,367	4%	5%	5%	20%	26%	28%
Mean		89%	\$18,475	\$17,587	16%	11%	10%	18%	27%	28%
Security / Storage										
Palo Alto Networks	\$205.47	95%	\$19.084	\$18.007	28%	28%	21%	(3%)	25%	27%
VeriSign	137.42	95%	16.914	16,972	2%	4%	5%	66%	71%	71%
Splunk	99.11	83%	14,371	13,421	35%	29%	25%	(18%)	14%	17%
Symantec	20.65	60%	12.835	15,699	12%	(0%)	5%	29%	45%	44%
Fortinet	62.43	94%	10,494	9,190	12%	16%	13%	12%	24%	25%
Proofpoint	115.31	90%	5,863	5,947	28%	37%	27%	(5%)	13%	15%
Sophos	8.35	89%	3,936	4,123	21%	14%	15%	(1%)	12%	13%
Box	24.99	86%	3,293	3,166	24%	20%	22%	(20%)	3%	6%
Qualys	84.30	87%	3,286	2,957	15%	20%	19%	25%	37%	37%
FireEye	15.39	81%	2,954	2,857	6%	10%	8%	(19%)	13%	14%
CyberArk	62.96	95%	2,240	2,013	16%	21%	18%	10%	22%	22%
Imperva	48.25	92%	1,674	1,295	14%	15%	15%	0%	19%	20%
ForeScout	34.26	93%	1,377	1,175	26%	25%	20%	(35%)	(11%)	(1%)
Rapid7	28.22	83%	1,305	1,175	18%	16%	20%	(22%)	(8%)	3%
Radware	25.28	100%	1,126	1,018	9%	9%	9%	3%	11%	13%
SecureWorks	12.45	94%	1,017	940	8%	10%	10%	(8%)	(1%)	2%
Zix	5.39	91%	290	260	5%	6%	6%	20%	30%	31%
Median		91%	\$3,286	\$2,957	15%	16%	15%	(1%)	14%	17%
Mean		89%	\$6,003	\$5,895	17%	17%	15%	2%	19%	21%



Public Company Operating Metrics (cont.)

	Price	52-Wk			Reve	enue Growth		EBľ	TDA Margin	
Company	06/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Application Infrastructure										
Microsoft	\$98.61	96%	\$757,640	\$702,527	10%	34%	11%	40%	42%	43%
Oracle	44.06	83%	175.410	169.266	6%	2%	3%	41%	47%	48%
International Business Machines	139.70	83%	128,240	161,909	2%	2%	0%	20%	23%	24%
Red Hat	134.37	76%	23,847	22,498	21%	16%	15%	20%	27%	27%
Hewlett Packard Enterprise	14.61	75%	22,119	28,992	8%	6%	1%	8%	17%	18%
Atlassian	62.52	92%	14,631	13,867	30%	79%	24%	0%	28%	26%
Nutanix	51.57	81%	8,802	8,301	40%	50%	16%	(30%)	(5%)	2%
New Relic	100.59	91%	5,683	5,435	25%	29%	26%	(7%)	10%	12%
Software	45.98	77%	3,403	3,253	5%	3%	4%	30%	30%	30%
Progress Software	38.82	74%	1,747	1,722	(0%)	2%	1%	33%	49%	47%
Hortonworks	18.22	85%	1,440	1,351	31%	26%	24%	(63%)	(16%)	(9%)
Apptio	36.20	97%	1,172	1,033	14%	21%	17%	(11%)	3%	6%
Median		83%	\$11,716	\$11,084	12%	19%	13%	14%	25%	25%
Mean		84%	\$95,344	\$93,346	16%	22%	12%	7%	21%	23%
Financial Technology										
Fiserv	\$74.09	97%	\$30,335	\$34,557	3%	3%	5%	39%	37%	37%
Square	61.64	91%	24,699	23,971	27%	(33%)	33%	(1%)	17%	22%
First Data	20.93	95%	19,444	40,717	(1%)	(27%)	5%	24%	38%	38%
MSCI	165.43	96%	14,727	15,956	10%	13%	10%	52%	54%	55%
Jack Henry and Associates	130.36	98%	10,076	10,124	5%	13%	6%	35%	34%	35%
FactSet Research Systems	198.10	92%	7,701	7,701	10%	11%	6%	31%	34%	34%
Guidewire Software	88.78	93%	7,126	6,434	25%	27%	20%	2%	22%	21%
Fair Isaac	193.32	96%	5,769	6,365	7%	10%	10%	23%	27%	29%
Ellie Mae	103.84	90%	3,567	3,335	12%	20%	19%	21%	26%	29%
ACI Worldwide	24.67	92%	2,872	3,477	(3%)	2%	5%	16%	25%	28%
Envestnet	54.95	92%	2,485	2,864	15%	20%	13%	9%	19%	20%
Q2 Holdings	57.05	91%	2,423	2,304	18%	23%	23%	(5%)	10%	12%
Ebix	76.25	88%	2,399	2,572	22%	27%	10%	34%	36%	37%
Distell Group	9.28	75%	2,035	2,340	8%	9%	11%	12%	15%	16%
Bottomline Technologies	49.83	98%	2,034	2,079	9%	22%	9%	12%	24%	25%
Median		92%	\$5,769	\$6,365	10%	13%	10%	21%	26%	29%
Mean		92%	\$9,179	\$10,986	11%	9%	12%	20%	28%	29%
Healthcare IT / Life Sciences Software										
Cerner	\$59.79	81%	\$19,839	\$19,363	4%	5%	8%	29%	30%	31%
Veeva Systems	76.86	91%	11,025	10,106	24%	21%	18%	25%	33%	34%
Athenahealth	159.14	98%	6,431	6,558	10%	11%	10%	20%	28%	29%
Medidata Solutions	80.56	95%	4,771	4,623	12%	17%	19%	16%	24%	26%
Allscripts	12.00	75%	2,135	3,768	15%	69%	6%	5%	20%	20%
Quality Systems	19.50	96%	1,252	1,260	2%	2%	5%	8%	16%	17%
HealthStream	27.31	95%	882	687	2%	(8%)	4%	16%	17%	18%
Castlight Health	4.25	93%	578	508	22%	17%	18%	(38%)	(9%)	6%
Cegedim	38.85	73%	543	827	7%	7%	5%	18%	18%	18%
Median		93%	\$2,135	\$3,768	10%	11%	8%	16%	20%	20%
Mean		89%	\$5,273	\$5,300	11%	16%	10%	11%	20%	22%

Vista Point Advisors Overview

Vista Point Advisors is a boutique investment bank focused on capital raises and M&A advisory for growing technology companies

Software	Internet	Mobile	Hardware
Software-as-a-Service	 Advertising and Marketing 	Consumer Applications	Communications
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