VISTA POINT advisors

Mergers & Acquisitions | Capital Raising | Strategic Advisory

Internet Industry Update Q3 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 sell-side 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



V	I	S	Т	Λ	Ρ	(0			Ν	1	Т
					Α	D	V	I	S	0	R	S

Q3 2018 Internet Industry Overview

- There were 393 reported Internet M&A transactions in Q3 2018, representing \$78.9b in transaction value
 - Internet M&A deal volume in Q3 2018 was up 67% relative to Q3 2017, which saw 236 transactions
 - Notable deals include:
 - WeddingWire's (Permira Funds, Spectrum Equity) \$933m acquisition of XO Group, representing 5.7x LTM revenue
 - Cannae Holdings, CC Capital, and Thomas H. Lee's \$6.7b acquisition of Dun & Bradstreet, representing 3.7x LTM revenue
 - GIC Private, PSPIB, and Silver Lake Management's \$2.9bn acquisition of ZPG, representing 7.8x LTM revenue
 - Stars Group's \$2.8b acquisition of Sky Betting and Gaming
- The Internet IPO market had three major IPO pricings in Q3 2018
 - Farfetch (NYS:FTCH), a developer of a global e-commerce platform, raised \$885m on 9/21 and has traded up 36%
 - Eventbrite (NYS:EB), a provider of an event ticketing platform, raised \$230m on 9/19 and has traded up 65%
 - Pinduoduo (NAS:PDD), a provider of an online group ecommerce platform in China, raised \$1.6b on 7/26 and has traded up
 38%

Active Acquirers and Notable Transactions

Most Active Acquirers (Since 2010)



Notable Recent Transactions

Acquirer	(*) WEDDING WIRE	CADITAL CC Capital		Z STARS GROUP
Target	xo group/	dun & bradstreet		sky bet
Date	09/25/18	08/08/18	07/12/18	07/10/18
EV	\$933m	\$6.7bn	\$2.9b	\$2.8b
EV / LTM Rev	5.7x	3.7x	7.8x	N/A
EV / LTM EBITDA	32.9x	12.0x	24.8x	N/A

Internet M&A Market Overview

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



Source: Capital IQ and Pitchbook as of 09/30/18, Time Warner/Comcast, Time Warner/Charter, EMC/Denali, and LinkedIn/Microsoft deals omitted from top graph

VISTA POINT

Internet M&A Market Overview

Transactions by Reported Value





7 | Internet Industry Update Q3 2018

VISTA POINT A D V I S O R S

Despite High Valuations, Investments Lead Exits 3:1

Investments Made Portfolio Exits Accel **INSIGHT** SEQUOIA 些 General Catalyst **Battery Ventures** BV. 🔀 BainCapital VENTURES VISTA PROVIDENCEEOUITY A Redpoint TA ASSOCIATES THOMA BRAVO FP 9 16 AKKR 12 15 CROSSLINK CAPITAL 12 8 SUMMIT PARTNERS 5 7 SILVERLAKE 15 6 10 BENCHMARK 13 8 4 HARBOURVEST BLACKROCK 5 7 SoftBank 12 8 3

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

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

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

Source: Capital IQ and Pitchbook as of 09/30/18, Investors ranked by investments made in the last 12 months



IPO Summary

The IPO market continued to climb in Q3 2018, with 15 major technology pricings on U.S. stock exchanges, including seven Chinese companies



VISTA POINT

ADVISORS

Internet Public Market Performance Last 3 Months



Source: Capital IQ and Pitchbook as of 09/30/18

VISTA POINT A D V I S O R S

Internet Public Market Performance Last 3 Months (cont.)



Source: Capital IQ and Pitchbook as of 09/30/18

VISTA POINT A D V I S O R S

Internet Public Market Performance Last 3 Months (cont.)





Internet Public Market Performance

3 Year Public Market Performance





EV / Revenue 8.0x LTM 2018E 6 0x 6.0x 4.3x 4.1x 3.7x 4.0x 3.6x 2.8x 2.0x 0.0x eCommerce Social Ad Tech Content Selected Asia



eCommerce CRCM, DHX, EBAY, EGOV, EXPE, GRPN, GRUB, PCLN, PRLB, QUOT, TRUE Social: FB, MEET, MOMO, NYS:LN, NYS:SNAP, TWTR,

Ad Tech: ADS, BCOR, CRTO, GOOGL, MCHX, MSFT, QNST, RUBI, TLRA, TTD

Content: IAC, SSTK, TREE, TRIP, TTGT, XOXO, YELP, ZG

Selected Asia: HKG:00700, KRX:035420, NAS:BIDU, NAS:BZUN, NAS:CTRP, NAS:JOBS, NAS:MMYT, NAS:NTES, NAS:SINA, NAS:TOUR, NAS:WB, NAS:YNDX, NYS:BITA, NYS:SFUN, TKS:2432, TKS:3632, TKS:3659, TKS:4689, TKS:4755, TKS:7974, TKS:9766 TKS:2432, TKS:3632, TKS:3659, TKS:4689, TKS:4755, TKS:7974, TKS:9766

Public Company Summary

						Internet & Di	gital Media							
	E-Commerce & Marketplaces	Social	Streaming Services	Ad Tech	Online Retail	Large Cap Internet	Content	Gaming	Web Services	Traditional Media	Selected Europe and Latin America	Selected Asia	Median	м
52-Wk High	86%	78%	92%	87%	78%	94%	89%	90%	83%	89%	82%	68%	87%	
Aggregate Mkt Cap (\$ in m)	\$169,421	\$526,566	\$165,483	\$1,736,062	\$1,413,597	\$3,587,520	\$44,408	\$120,866	\$36,181	\$531,296	\$45,914	\$721,055	\$347,993	\$
Aggregate EV (\$ in m)	\$175,776	\$477,945	\$170,254	\$1,589,634	\$1,417,809	\$3,391,893	\$42,852	\$115,475	\$37,000	\$632,236	\$49,796	\$697,310	\$326,861	\$
Quarterly Mkt Cap % Change	(0.9%)	(5.1%)	2.9%	1.0%	(2.3%)	(0.9%)	0.3%	9.3%	1.7%	1.0%	(2.1%)	(2.2%)	(0.3%)	
Quarterly EV % Change	(1.4%)	(5.6%)	2.9%	1.1%	(2.3%)	(1.0%)	0.3%	9.8%	1.6%	0.8%	5 (1.9%)	2.1%	0.6%	
LTM EV / Revenue	3.6x	6.0x	7.0x	2.8x	2.0x	7.4x	4.3x	6.8x	5.0x	2.4>	2.3x	3.6x	4.0x	
FY+1 EV / Revenue	3.3x	5.5x	6.2x	2.5x	1.6x	6.7x	4.1x	5.2x	4.3x	2.3>	2.1x	3.2x	3.7x	
FY+2 EV / Revenue	2.9x	4.8x	5.1x	2.2x	1.5x	5.3x	3.7x	5.2x	3.8x	2.2>	2.0x	2.6x	3.3x	
LTM EV / EBITDA	14.8x	16.6x	0.0x	18.2x	17.8x	19.8x	26.9x	26.5x	14.4x	8.8>	7.9x	10.3x	15.7x	
FY+1 EV / EBITDA	16.6x	15.1x	0.0x	15.1x	13.3x	15.8x	18.3x	17.6x	14.5x	7.9>	10.5x	16.7x	15.1x	
FY+2 EV / EBITDA	14.6x	13.0x	0.0x	12.0x	10.8x	14.0x	15.3x	15.5x	12.1x	8.8>	10.3x	11.8x	12.1x	
LTM P / E	63.3x	25.0x	0.0x	39.9x	34.8x	48.4x	40.3x	91.9x	29.4x	9.7>	16.7x	25.2x	32.1x	
FY+1 P / E	24.0x	23.1x	0.0x	24.0x	29.1x	27.5x	37.9x	26.0x	25.8x	19.4>	17.4x	22.4x	24.0x	
FY+2 P / E	21.3x	20.3x	86.1x	18.3x	21.4x	23.2x	31.2x	22.3x	22.1x	16.8>	19.5x	18.9x	21.4x	
LTM Revenue Growth	10%	43%	20%	14%	21%	39%	15%	4%	40%	6%	20%	28%	20%	
FY+1 Revenue Growth	12%	36%	20%	11%	9%	32%	14%	5%	20%	7%	10%	18%	13%	
FY+2 Revenue Growth	12%	20%	18%	11%	11%	22%	13%	7%	12%	2%	9%	22%	12%	
LTM EBITDA Margin	18%	25%	(5%)	19%	11%	30%	16%	17%	12%	30%	6%	22%	17%	
FY+1 EBITDA Margin	19%	22%	3%	24%	14%	37%	21%	25%	19%	23%	12%	22%	21%	
FY+2 EBITDA Margin	19%	23%	7%	24%	15%	37%	22%	27%	23%	24%	12%	24%	23%	



Select Q3 2018 Announced M&A Transactions

Othe regist Acquire Sector Notes Terrer 1010 A UNI Revenue U					Enterprise	Targe	t LTM	Enterpri	se Value /
007129180010000911000, Fearming-spectrum, Wesding/WireNonelleg/ Content Sca00, Signal933934934934932 a 23.097318Introducts CalimanToro Vertures IIConnerceSignalN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A <th>Date</th> <th>Target</th> <th>Acquirer</th> <th>Sector</th> <th></th> <th>-</th> <th></th> <th></th> <th></th>	Date	Target	Acquirer	Sector		-			
0P/21/81Entry barsTord Yentures II IIGaming Aming Am	09/25/18		Bull City, Permira, Spectrum, WeddingWire	Knowledge / Content (Social)	\$933	\$164	\$28	5.7x	32.9x
Op/21/18OndentsWrenchContent and ServicesN/AN/AN/AN/AN/AN/AOP/15/18HoodSidfWorksHeartMediaEducationSSN/AN/AN/AOP/15/19HoodSidfWorksHeartMediaEducationSSN/AN/AN/AN/AOP/15/19PurchSas groupContent and ServicesN/AN/AN/AN/AN/AOP/06/19MicerSas groupContent and ServicesN/AN/AN/AN/AN/AOP/06/19MicerDecland, Avaidon Capital, Educinge, Donesky FlightTransportation / LeguitusN/AN/AN/AN/AN/AOP/06/19MicerDecland, Avaidon Capital, Educinge, Donesky FlightTransportation / LeguitusN/AN/AN/AN/AN/AOP/06/19MicerDecland, Bordinge, Donesky FlightTransportation / LeguitusN/AN/AN/AN/AN/AOP/06/19SinstrationMicerMicerMicerMicerMicerN/AN/AN/AN/AN/AOP/07/19SinstrationMicerMicerMicerMicerMicerMicerMicerMicerOP/07/19SinstrationMicerMicerMicerMicerMicerMicerMicerMicerOP/07/19SinstrationMicerMicerMicerMicerMicerMicerMicerMicerMicerMicerMicerMicerMicerMicerMicer	09/25/18	Tapingo	GrubHub	Ecommerce	\$150	N/A	N/A	N/A	N/A
OP/15/15Tint-Filestack, SalewordsOlyO00000N/AN/AN/AN/AN/AN/AN/A00/11/15OpendorfCommarceN/AN/AN/AN/AN/AN/A00/11/16OpendorCommarceN/AN/AN/AN/AN/AN/A00/11/16SalegroupContent and ServicesN/AN/AN/AN/AN/A00/05/15JulcerSalegroupContent and ServicesN/AN/AN/AN/AN/A00/05/15OpendorfSalegroupContent and ServicesN/AN/AN/AN/AN/A00/05/15OpendorfMarking Content SocialN/AN/AN/AN/AN/AN/A00/05/15SupertatTechteles Ansing Constructions (Astention Content English)Yesten (Astention Content English)N/AN/AN/AN/AN/A00/05/16SupertatTechteles Ansing Constructions (Astention Construction Content English)N/AN/AN/AN/AN/A00/05/16SupertatTechteles Ansing Construction (Stali)N/AN/AN/AN/AN/AN/A00/05/16SupertatContent Astention (Stali)N/AN/AN/AN/AN/AN/A00/05/16Marketing Construction (Stali)N/AN/AN/AN/AN/AN/A00/05/16Marketing Construction (Stali)N/AN/AN/AN/AN/AN/A00/05/16Marketing Constructio	09/24/18	Enthusiast Gaming	Tova Ventures II	Gaming	N/A	N/A	N/A	N/A	N/A
Only 1110 OPAID118HordmethodEducationSSSN/AN/AN/AN/AN/A071/116DeproforAdvertising and MarketingS133N/AN/AN/AN/A071/05/118VinceSatz groupContent and ServicesN/AN/AN/AN/AN/A070/05/118VinceDeproforContent and ServicesN/AN/AN/AN/AN/A070/05/118ProtechyDeretonal Avation Capital, Editinge, Oneske FighTransportation / LogisticsN/AN/AN/AN/AN/A070/05/118SportaABK PartnersSportsN/AN/AN/AN/AN/AN/A070/05/118SportaThe BetmakersSportsSportsN/AN/AN/AN/AN/A073/118BarbanderAlpine Partific Redowningcon, SiversithTraxel / HospitalingN/AN/AN/AN/AN/A073/118Ital TeamologiesLogispher Indelinge, Content CacialN/AN/AN/AN/AN/AN/A073/128And CantentAlpine Partific Redowningcon, SiversithTraxel / HospitalingN/AN/AN/AN/AN/A073/128Ital TeamologiesLogispher IndelingeContent and ServicesN/AN/AN/AN/AN/A073/128Ital TeamologiesAlpine Partner, Genini Cacial, Genini Alpine, Genini Partner,	09/20/18	Otobots	Wrench	Content and Services	N/A	N/A	N/A	N/A	N/A
Op/11/19 Opendoor Commerce N/A N/A N/A N/A 00706/18 Junch Future Adverting and Marketing 5133 N/A N/A N/A N/A 00706/18 Junce Sas group Content and Services N/A N/A <t< td=""><td>09/18/18</td><td>Tint</td><td>Filestack, Scaleworks</td><td>01/00/1900</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></t<>	09/18/18	Tint	Filestack, Scaleworks	01/00/1900	N/A	N/A	N/A	N/A	N/A
09/06/18PurchFutureAdvertising and Archenig51.3N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A </td <td>09/13/18</td> <td>HowStuffWorks</td> <td>iHeartMedia</td> <td>Education</td> <td>\$55</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	09/13/18	HowStuffWorks	iHeartMedia	Education	\$55	N/A	N/A	N/A	N/A
Op/Op/Lis Juncer NA NA NA NA NA NA NA NA Op/Op/Lis Judeonic The Wapa News Nonwidge / Content, Social) NA NA </td <td>09/11/18</td> <td>Open Listings</td> <td>Opendoor</td> <td>Ecommerce</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	09/11/18	Open Listings	Opendoor	Ecommerce	N/A	N/A	N/A	N/A	N/A
op/info/istVindemixThe Warp Reversional Avaiand contrals, Birding Age, Onsky FightTransportation / LogiticsN/AN/AN/AN/AN/AN/A09/05/18DonutsABKV PartnersSystems / NetworkN/AN/AN/AN/AN/AN/A09/05/18DonutsThe BetranskySystems / NetworkN/AN/AN/AN/AN/AN/AN/A09/05/18Donatic ContralsThe BetranskySystems / NetworkN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	09/06/18	Purch	Future	Advertising and Marketing	\$133	N/A	N/A	N/A	N/A
Op/05/18 Protectional Advance Capital, Eldridge, ConcSky Flight Transportation / Logistics N/A	09/06/18	Juicer	SaaS.group	Content and Services	N/A	N/A	N/A	N/A	N/A
op/05/18DorustABRY PartnersSystemsN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A<	09/06/18	VideoInk	The Wrap News	Knowledge / Content (Social)	N/A	N/A	N/A	N/A	N/A
op/ds/12 SuperData The Netsen Company Gamma N/A N/A N/A N/A N/A N/A 08/11/18 NumeXolds The betrnakers Sports 52 N/A N/A N/A N/A 08/30/18 Bawain Cedinologies LottoGopher Holdings Education N/A N/A N/A N/A N/A 08/30/18 Bawain Cedinologies LottoGopher Holdings Content and Services N/A	09/05/18	PrivateFly	Directional Aviation Capital, Eldridge, OneSky Flight	Transportation / Logistics	N/A	N/A	N/A	N/A	N/A
obj/1118 DynamicOdds The Betrakers Sprits 52 N/A	09/05/18	Donuts	ABRY Partners	Systems / Network	N/A	N/A	N/A	N/A	N/A
obj//118 Remedia Kobberg Kravis Roberts Edution N/A N/A N/A N/A N/A N/A 08/30/18 Leavetown Apine Pacific, RedAwning.com, Silversmith Travel / Hospitality N/A	09/05/18	SuperData	The Nielsen Company	Gaming	N/A	N/A	N/A	N/A	N/A
Op/SA/18LeverownAlpine Pacific, RedAwning.com, SilversmithTrav(/ Hospitality.N/AN/AN/AN/AN/AN/A08/30/18Javio TechnologiesUottoo Gopt HoldingsContext and ServicesN/AN/AN/AN/AN/A08/30/18Javio TechnologiesM/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	08/31/18	DynamicOdds	The Betmakers	Sports	\$2	N/A	N/A	N/A	N/A
06/8/01/8Bravio TechnologiesLotoGopher HoldingsContent and ServicesN/AN/AN/AN/AN/AN/A08/28/18HubPagesMaven CoalitionKnowledge / Content (Social)S14N/AN/AN/AN/A08/28/18Astron ConnectEalt CapitalContent and ServicesN/AN/AN/AN/AN/AN/A08/28/18DESIGNATION tabsWeWorEducationN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A<	08/31/18	RBmedia	Kohlberg Kravis Roberts	Education	N/A	N/A	N/A	N/A	N/A
06/27.18HubPageN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A </td <td>08/30/18</td> <td>Leavetown</td> <td>Alpine Pacific, RedAwning.com, Silversmith</td> <td>Travel / Hospitality</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	08/30/18	Leavetown	Alpine Pacific, RedAwning.com, Silversmith	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
08/28/18Astron ConnectExalt CapitalContent and ServicesN/AN/AN/AN/AN/AN/A08/28/18DESIGNATION LabsWeWorEducationN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	08/30/18	Bravio Technologies	LottoGopher Holdings	Content and Services	N/A	N/A	N/A	N/A	N/A
06/28/18DESIGNATION LabsWeWorEducationN/AN/AN/AN/AN/AN/A08/28/18PoleenfitsAccel-KKR, InfinisourceHuman CapitalN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A<	08/28/18	HubPages	Maven Coalition	Knowledge / Content (Social)	\$14	N/A	N/A	N/A	N/A
08/28/18 Polestar Benefits Accel-KKR, Infinisource Human Capital N/A	08/28/18	Astron Connect	Exalt Capital	Content and Services	N/A	N/A	N/A	N/A	N/A
08/24/18FreedomPopBanyan Investment Partners, Gemini Partners, TruconnettTelecommunicationsN/AN/AN/AN/AN/AN/AN/A08/24/18HomeHelloUrbanYouContent and ServicesN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	08/28/18	DESIGNATION Labs	WeWor	Education	N/A	N/A	N/A	N/A	N/A
08/24/18HomeHelloUrbanYouContent and ServicesN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A </td <td>08/28/18</td> <td>Polestar Benefits</td> <td>Accel-KKR, Infinisource</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>	08/28/18	Polestar Benefits	Accel-KKR, Infinisource	Human Capital	N/A	N/A	N/A	N/A	N/A
08/23/18Lackner BucklinghamAcumiumContent and ServicesN/AN/AN/AN/AN/AN/A08/23/18Blueprint RegistryClayton, Dubilier & Rice, David's Bridal, Leonard GreenContent and ServicesN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A <td>08/24/18</td> <td>FreedomPop</td> <td>Banyan Investment Partners, Gemini Partners, Truconnect</td> <td>Telecommunications</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	08/24/18	FreedomPop	Banyan Investment Partners, Gemini Partners, Truconnect	Telecommunications	N/A	N/A	N/A	N/A	N/A
08/23/18Blueprint RegistryClayton, Dubilier & Rice, David's Bridal, Leonard GreenContent and ServicesN/AN/AN/AN/AN/AN/A08/23/18getarcom.comCourt Square Capital PartnerTravel / HospitalityN/A\$1,000N/AN/AN/AN/A08/23/18ServizPorchContent and ServicesN/AN/AN/AN/AN/AN/A08/22/18Noble FoodPACO CollectiveContent and ServicesN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A <td< td=""><td>08/24/18</td><td>HomeHello</td><td>UrbanYou</td><td>Content and Services</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></td<>	08/24/18	HomeHello	UrbanYou	Content and Services	N/A	N/A	N/A	N/A	N/A
08/23/18getaroom.comCourt Square Capital PartnerTravel / HospitalityN/A\$1,000N/AN/AN/A08/23/18ServizPorchContent and ServicesN/AN/AN/AN/AN/AN/A08/22/18Noble FoodPACO CollectiveContent and ServicesN/AN/AN/AN/AN/AN/A08/12/18MoveAdvisorMyMovingReviewsContent and ServicesN/AN/AN/AN/AN/AN/AN/A08/13/18Sky Mids TechnologiesASAP ExpoFintechN/AN/AN/AN/AN/AN/AN/A08/13/18Sky Mids TechnologiesASAP ExpoContent and Services\$70N/AN/AN/AN/A08/13/18Sky Mids TechnologiesCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/A08/02/18Trasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18Trasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18Trasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/1	08/23/18	Lackner Buckingham	Acumium	Content and Services	N/A	N/A	N/A	N/A	N/A
08/22/18ServizPorchContent and ServicesN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A <th< td=""><td>08/23/18</td><td>Blueprint Registry</td><td>Clayton, Dubilier & Rice, David's Bridal, Leonard Green</td><td>Content and Services</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></th<>	08/23/18	Blueprint Registry	Clayton, Dubilier & Rice, David's Bridal, Leonard Green	Content and Services	N/A	N/A	N/A	N/A	N/A
08/22/18Noble FoodPACO CollectiveContent and ServicesN/AN/AN/AN/AN/A08/12/18MoveAdvisorMyMovingReviewsContent and ServicesN/AN/AN/AN/AN/A08/15/18ZensuranceTravelers CompaniesHuman Capital\$15N/AN/AN/AN/AN/A08/13/18Sky Mids TechnologiesASAP ExpoFintechN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	08/23/18	getaroom.com	Court Square Capital Partner	Travel / Hospitality	N/A	\$1,000	N/A	N/A	N/A
08/16/18MoveAdvisorMyMovingReviewsContent and ServicesN/AN/AN/AN/AN/AN/A08/15/18ZensuranceTravelers CompaniesHuman Capital\$15N/AN/AN/AN/A08/13/18Sky Mids TechnologiesASAP ExpoFintechN/AN/AN/AN/AN/AN/A08/10/18BroadbandChoicesMoneySupermarket.com GroupContent and Services\$70N/AN/AN/AN/AN/A08/09/18VidaCimpressEcommerce\$29N/AN/AN/AN/AN/A08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x1.20x08/09/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/A08/02/18Trasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18Trasure DataARMContent and Services\$600N/AN/AN/AN/A08/01/18BoozeBudZX venturesEcommerceN/AN/AN/AN/AN/A08/02/18BotzeBudZX ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/A <t< td=""><td>08/22/18</td><td>Serviz</td><td>Porch</td><td>Content and Services</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></t<>	08/22/18	Serviz	Porch	Content and Services	N/A	N/A	N/A	N/A	N/A
08/15/18ZensuranceTravelers CompaniesHuman Capital\$15N/AN/AN/AN/A08/13/18Sky Mids TechnologiesASAP ExpoFintechN/AN/AN/AN/AN/A08/10/18BroadbandChoicesMoneySupermarket.com GroupContent and Services\$70N/A\$5N/A14.7x08/09/18VidaCimpressEcommerce\$29N/AN/AN/AN/AN/A08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5553.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/02/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/28/18AnesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/A <t< td=""><td>08/22/18</td><td>Noble Food</td><td>PACO Collective</td><td>Content and Services</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td><td>N/A</td></t<>	08/22/18	Noble Food	PACO Collective	Content and Services	N/A	N/A	N/A	N/A	N/A
08/13/18Sky Mids TechnologiesASAP ExpoFintechN/AN/AN/AN/AN/AN/A08/10/18BroadbandChoicesMoneySupermarket.com GroupContent and Services\$70N/A\$5N/A14.7x08/09/18VidaCimpressEcommerce\$29N/AN/AN/AN/AN/A08/08/18Dunk BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/02/18BouceButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/02/18BouceButteryGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/A07/31/18KaresontenessTVViacomContent and ServicesN/AN/AN/AN/AN/A07/28/18International Mon	08/16/18	MoveAdvisor	MyMovingReviews	Content and Services	N/A	N/A	N/A	N/A	N/A
08/10/18BroadbandChoicesMoneySupermarket.com GroupContent and Services\$70N/A\$5N/A14.7x08/09/18VidaCimpressEcommerce\$29N/AN/AN/AN/AN/A08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/02/18IzabetPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/02/18BoczeBudZX VenturesEcommerceN/AN/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A07/13/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/30/18Cartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/AN/A </td <td>08/15/18</td> <td>Zensurance</td> <td>Travelers Companies</td> <td>Human Capital</td> <td>\$15</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td>	08/15/18	Zensurance	Travelers Companies	Human Capital	\$15	N/A	N/A	N/A	N/A
08/09/18VidaCimpresEcommerce\$29N/AN/AN/AN/AN/A08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/05/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesFrovidenceFintechN/AN/AN/AN/AN/A07/30/18Cartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/AN/A	08/13/18	Sky Mids Technologies	ASAP Expo	Fintech	N/A	N/A	N/A	N/A	N/A
08/08/18Dun & BradstreetCannae Holdings, CC Capital, Thomas H. LeeBusiness Intelligence\$6,700\$1,813\$5563.7x12.0x08/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/05/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/32/18AvesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/10/18	BroadbandChoices	MoneySupermarket.com Group	Content and Services	\$70	N/A	\$5	N/A	14.7x
OB/08/18PouncerBigDish VenturesEcommerceN/AN/AN/AN/AN/AN/A08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/05/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/AN/A07/28/18AvesomenessTVViacomContent and ServicesSi00N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/09/18	Vida	Cimpress	Ecommerce	\$29	N/A	N/A	N/A	N/A
08/07/18Highlight GamesCherryGaming\$41N/AN/AN/AN/AN/A08/05/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/30/18Cartoon stockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/AN/A	08/08/18	Dun & Bradstreet	Cannae Holdings, CC Capital, Thomas H. Lee	Business Intelligence	\$6,700	\$1,813	\$556	3.7x	12.0x
08/05/18123betPlayUp DigitalGamingN/AN/AN/AN/AN/AN/A08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/30/18Cartoon stockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/28/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/08/18	Pouncer	BigDish Ventures	Ecommerce	N/A	N/A	N/A	N/A	N/A
08/02/18Treasure DataARMContent and Services\$600N/AN/AN/AN/A08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/AN/A07/30/18Cartoon stockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/28/18AwesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/07/18	Highlight Games	Cherry	Gaming	\$41	N/A	N/A	N/A	N/A
08/02/18ButteryDrizlyEcommerceN/AN/AN/AN/AN/A08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/AN/A07/30/18Cartoon StockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/28/18AwesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/05/18	123bet	PlayUp Digital	Gaming	N/A	N/A	N/A	N/A	N/A
08/01/18BoozeBudZX VenturesEcommerceN/AN/AN/AN/AN/AN/A07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/AN/A07/30/18CartoonstockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/AN/A07/28/18AwesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/02/18	Treasure Data	ARM	Content and Services	\$600	N/A	N/A	N/A	N/A
07/31/18Sturgis Web ServicesGreater Sum Ventures, ProvidenceFintechN/AN/AN/AN/AN/A07/30/18CartoonstockCartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/28/18AwesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/02/18	Buttery	Drizly	Ecommerce	N/A			N/A	,
07/30/18Cartoon CollectionContent and ServicesN/AN/AN/AN/AN/A07/28/18AwesomenessTVViacomContent and Services\$300N/AN/AN/AN/A07/26/18International Money ExpressFinTech Acquisition Corp. IIFintechN/AN/AN/AN/AN/A	08/01/18	BoozeBud	ZX Ventures	Ecommerce	N/A	N/A	N/A	N/A	N/A
07/28/18 AwesomenessTV Viacom Content and Services \$300 N/A N/A N/A 07/26/18 International Money Express FinTech Acquisition Corp. II Fintech N/A N/A N/A N/A N/A	07/31/18	Sturgis Web Services	Greater Sum Ventures, Providence	Fintech	N/A	N/A			,
07/26/18 International Money Express FinTech Acquisition Corp. II Fintech N/A N/A N/A N/A N/A N/A	07/30/18	Cartoonstock	Cartoon Collection	Content and Services	N/A	N/A	N/A	N/A	N/A
	07/28/18	AwesomenessTV	Viacom	Content and Services	\$300	N/A	N/A	N/A	N/A
07/19/18 FreeLotto LottoGopher Gaming N/A \$6 N/A N/A N/A	07/26/18	International Money Express	FinTech Acquisition Corp. II	Fintech	N/A	N/A	N/A	N/A	N/A
	07/19/18	FreeLotto	LottoGopher	Gaming	N/A	\$6	N/A	N/A	N/A

Note: \$ in millions. EV/EBITDA multiples in excess of 50x or less than 0x are considered not meaningful. Source: Capital IQ and Pitchbook as of 09/30/18

Select Q3 2018 Announced M&A Transactions (cont.)

				Enterprise	Targe	t LTM	Enterpri	se Value /
Date	Target	Acquirer	Sector	Value	Revenue	EBITDA	LTM Revenue	LTM EBITDA
07/19/18	Boosterville	GetBeyond	Ecommerce	N/A	N/A	N/A	N/A	N/A
07/18/18	42Floors	Knotel	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
07/18/18	W4 Performance Ad Market	Clairvest Group, Digital Media Solutions	Advertising and Marketing	N/A	N/A	N/A	N/A	N/A
07/17/18	Veluxe	Glamsquad	Ecommerce	N/A	N/A	N/A	N/A	N/A
07/16/18	GetMeRegistered.com	32 Equity, Bain Capital, Genstar, Jerral Wayne Jones	Content and Services	N/A	N/A	N/A	N/A	N/A
07/13/18	Student Loan Hero	LendingTree	Content and Services	\$60	N/A	N/A	N/A	N/A
07/12/18	Gizmodo Media Group	Bryan Goldberg	Diversified Media	\$1	N/A	N/A	N/A	N/A
07/12/18	ZPG	GIC Private, PSPIB, Silver Lake Management	Travel / Hospitality	\$2,934	\$376	\$118	7.8x	24.8x
07/11/18	FanDuel	Betfair International	Sports	\$465	N/A	N/A	N/A	N/A
07/11/18	Buster	The BusBank	Travel / Hospitality	N/A	N/A	N/A	N/A	N/A
07/11/18	Plexchat	Warner Bros. Entertainment	Knowledge / Content (Social)	N/A	N/A	N/A	N/A	N/A
07/10/18	Sky Betting and Gaming	Stars Group	Content & Services	\$2,814	N/A	N/A	N/A	N/A
07/10/18	Alive	TTC Karium	Video Management	N/A	N/A	N/A	N/A	N/A
07/10/18	Machinio	Liquidity Services	Ecommerce	\$25	N/A	N/A	N/A	N/A
07/10/18	Meditation Studio	Interaxon	Education	N/A	N/A	N/A	N/A	N/A
07/02/18	Quartz	Uzabase	Diversified Media	\$110	\$38	N/A	2.9x	N/A
Internet Me	dian			\$90	\$270	\$73	4.7x	19.7x
Internet Mea	an			\$773	\$566	\$177	5.0x	21.1x

Note: \$ in millions. EV/EBITDA multiples in excess of 50x or less than 0x are considered not meaningful. Source: Capital IQ and Pitchbook as of 09/30/18



Software IPOs

				LTM I	Multiples	Metrics a	nd Financ	ings		Share Info	ormation			Fc	llow On Inf	ormation		
Filing	Days Company				EV /	Rev Grwth N	TM Rev	Net Cash	IPO Offer	File to	Current	Chg Since	Days	Amount R	elative to	Follow	IPO to	Primary
IPO Date Date	on File	EV IPO Amount Raise	ed Market Cap	EV / Rev	EBITDA	at IPO	Growth	at IPO	Price	Price Chg	Price	IPO	Post Lock-	Raised	IPO Raise	On Price F	Price Chg	Shares
Software																		
09/28/18 08/16/18	43 CooTek (Cayman) Inc.	\$715 \$5	2 \$767	NM	NM	NM	NM	\$26	\$12		\$10	(20%)	NA	NA	NA	NA	NA	NA
09/27/18 08/31/18	27 LAIX Inc.	528 7		10.1	NM	2,709%	NM	57	13		12	(3%)	NA	NA	NA	NA	NA	NA
09/26/18 08/29/18	28 SurveyMonkey	1,247 20		NM	NM	NM	NM	(274)	13	9%	16	34%	NA	NA	NA	NA	NA	NA
09/26/18 08/24/18	33 Arco Platform Limited	172 19		2.3	NM	NM	NM	6	12	370	22	26%	NA	NA	NA	NA	NA	NA
09/19/18 08/28/18	22 X Financial	2,822 10		10.8	NM	691%	NM	101	10		9	(5%)	NA	NA	NA	NA	NA	NA
07/27/18 06/29/18	28 Endava	946 12		4.7	NM	NM	37%	(19)	20	5%	29	43%	NA	NA	NA	NA	NA	NA
07/27/18 06/29/18	28 Opera Software	4.800 11		NM	NM	NM	NM	36	12	578	- 25	(25%)	NA	NA	NA	NA	NA	NA
07/26/18 06/29/18	27 Jiguang	626 7	- /	14.8	NM	299%	145%	23	9		7	(19%)	NA	NA	NA	NA	NA	NA
07/26/18 06/29/18	27 Tenable	2.176 28		11.6	NM	51%	39%	26	23	21%	39	69%	NA	NA	NA	NA	NA	NA
06/29/18 06/01/18	28 Domo	560 19	- / -	5.2	NM	46%	37%	(24)	23	21/0	21	2%	NA	NA	NA	NA	NA	NA
06/14/18 05/11/18	34 Avalara	1.525 18		6.7	NM	35%	25%	(25)	24	4%	35	46%	NA	NA	NA	NA	NA	NA
05/16/18 04/16/18	30 Pluralsight	1,672 31	. ,	9.3	NM	36%	44%	(91)	15	7%	32	113%	NA	NA	NA	NA	NA	NA
05/03/18 04/09/18	24 Carbon Black	1.333 15		7.6	NM	50%	19%	34	19	7 70	21	113%	NA	NA	NA	NA	NA	NA
04/27/18 03/26/18	32 Smartsheet	1,466 17	,	13.2	NM	66%	55%	52	15	7%	31	108%	NA	NA	NA	NA	NA	NA
04/27/18 03/28/18	30 DocuSign	3.968 62		7.7	NM	NM	32%	257	29	4%	53	81%	NA	NA	NA	NA	NA	NA
04/26/18 01/17/18	99 Ceridian HCM	2,467 53	- /	3.3	25.5	7%	32% NM	(1,020)	29	4% 5%	42	91%	NA	NA	NA	NA	NA	NA
04/20/18 03/23/18	28 Pivotal Software	2,467 55		5.8	23.5 NM	22%	33%	53	15	570	20	31%	NA	NA	NA	NA	NA	NA
04/12/18 03/16/18	27 Zuora	1,477 15	,	8.8	NM	49%	40%	32	13	8%	20	65%	NA	NA	NA	NA	NA	NA
03/23/18 02/23/18	28 Dropbox	1,477 15		9.3	NM	31%	27%	256	21	5%	23	28%	NA	NA	NA	NA	NA	NA
03/16/18 02/16/18	28 Zscaler	2,067 19		9.5	NM	57%	82%	72	16	7%	41	155%	NA	NA	NA	NA	NA	NA
02/09/18 01/12/18	28 Zscaler 28 Cardlytics	195 7	,	16.4	NM	57%	37%	(89)	10	/ %	25	93%	NA	NA	NA	NA	NA	NA
	,	664 24		5.0	46.6	39%	77%	. ,	13		34	184%			NA	NA		
11/17/17 10/20/17	28 SailPoint Technologies							(89)		9%	34		NA	NA			NA	NA
11/14/17 10/18/17	27 SendGrid	654 13 259 15		6.3	NM	77%	6%	21	16	3%		130%	NA	NA	NA	NA	NA	NA
11/01/17 09/29/17	33 Altair Engineering			0.8	NM	6%	6%	(68)	13		43	234%	NA (25)	NA	NA	NA	NA	NA
10/27/17 10/02/17 10/19/17 09/21/17	25 ForeScout	698 11 1.194 19		4.2	NM	32% 55%	30% 89%	50 69	22 24		38 82	72%	(35) NA	128	110% NA	29 NA	10%	11%
	28 MongoDB	1.5								9%				NA			NA	NA
06/30/17 06/01/17	29 Tintri	156 6 87 3		1.6 5.1	NM	13% 44%	26% 49%	(1)	7		0 61	(100%)	NA	NA	NA	NA	NA	NA
06/07/17 03/30/17	69 SST							(11)	11				NA	NA	NA	NA	NA	NA
05/25/17 02/17/17	97 Appian	680 7 176 3		5.0	NM	22%	24%	15	12		33 10	176%	NA	NA	NA	NA	NA	NA
05/12/17 03/15/17	58 Veritone			19.7	NM	(36%)	71%	(1)	15			(30%)	NA	NA	NA	NA	NA	NA
04/28/17 03/31/17	28 Cloudera	1,936 22		7.4	NM	57%	41%	74	15	7%	18	18% 115%	NA	NA	NA	NA	NA	NA
04/13/17 03/13/17	31 Yext	1,014 11		8.2	NM	NM	37%	19	11	10%	24		NA	NA	NA	NA	NA	NA
04/07/17 03/13/17	25 Okta	1,546 18 819 12		9.6		NM 59%	62% 50%	23	17 14		70	314% 309%	NA	NA	NA	NA	NA	NA
03/24/17 02/24/17	28 Alteryx			9.5	NM			31			57		NA	NA	NA	NA	NA	NA
03/17/17 02/17/17	28 MuleSoft	2,553 22 768 14		13.6 9.2		70% 62%	55%	35	17	6%	NA	NA 232%	NA	NA	NA	NA	NA	NA
10/28/16 09/30/16	28 BlackLine				NM		46%	(14)	17		56		NA	NA	NA	NA	NA	NA
10/06/16 09/08/16	28 Coupa Software	917 13 2.279 23	- ,	11.0		65% NM	57%	92	18		79	339% 167%	NA	NA	NA	NA	NA	NA
09/30/16 12/22/15	283 Nutanix		- /-	4.5	NM		NM	26	16	23%	43		NA	NA	NA	NA	NA	NA
09/22/16 08/26/16 09/23/16 08/26/16	27 Apptio 28 Beijing Gridsum Technology	578 9 317 8		4.0	NM	34% 85%	11% 51%	23	16 13	4%	37 6	131%	NA	NA	NA	NA NA	NA NA	NA NA
	, , , , , , , , , , , , , , , , , , , ,									4%								
09/16/16 08/19/16	28 Everbridge	224 9		3.8	NM	38%	30%	(8)	12		58	380%	21 NA	74	82%	20	(18%)	92%
07/29/16 06/28/16	31 Talend	409 9		5.4		21%	38%	(3)	18	6%	70	287%		NA	NA	NA	NA	NA
04/22/16 12/17/15	127 SecureWorks	1,017 11		3.0	NM	NM 40%	26%	5	14	(10%)	15	5%	NA	NA	NA	NA	NA	NA
12/10/15 09/25/15	76 Atlassian	4,239 46		13.3	NM	49%	42%	187	21	5%	96	358%	NA	NA	NA	NA	NA	NA
11/19/15 10/14/15	36 Square	2,869 24	/	2.5	NM	107%	NM	174	9	(18%)	99	1,000%	NA	NA	NA	NA	NA	NA
11/13/15 10/09/15	35 Instructure	393 7		8.9	NM	70%	63%	44	16	(1 10/)	35	121%	NA	NA	NA	NA	NA	NA
10/14/15 07/20/15	86 First Data	11,673 2,56	- ,	1.0	4.3	2%	2%	(20,631)	16	(11%)	24	53%	NA	NA	NA	NA	NA	NA
07/16/15 06/11/15	35 Rapid7	550 10		6.0	NM	53%	17%	10	16	7%	37	131%	NA	NA	NA	NA	NA	NA
06/25/15 05/18/15	38 AppFolio	325 7		6.0	10.4	102%	NM	2	12		78	553%	NA	NA	NA	NA	NA	NA
06/18/15 05/11/15	38 MINDBODY	368 10		4.8	NM	102%	NM	5	14		41	190%	526	123	123%	28	23%	100%
05/21/15 04/15/15	36 Shopify	1,369 13		13.0	NM	57%	86%	(17)	17	6%	163	857%	273	330	252%	38	152%	100%
01/23/15 03/24/14	305 Box	1,658 17		13.3	NM	109%	141%	75	14	8%	24	71%	NA	NA	NA	NA	NA	NA
Median	28	\$980 \$14		7.4x	18.0x	51%	39%	\$23		6%		93%	147	\$125	116%	\$28	16%	96%
Mean	48	\$1,661 \$23	0 \$1,891	7.7x	21.7x	135%	46%	(\$391)		5%		154%	196	\$164	142%	\$29	42%	76%

Internet and Digital Media IPOs

					LTM M	ultiples	Metrics	and Financi	ings		Share Info	ormation				Follow On Inf	formation		
IPO Date Filing	Days Company	51/ 10/	Amount Raised	Market Cap		EV /	Rev Grwth	NTM Rev	Net Cash	IPO Offer	File to	Current	Chg Since	Days	Amount	Relative to	Follow	IPO to	Primary
Date Date c	on File	EV IPU	Amount Raised	iviarket Cap	EV / Rev	EBITDA	at IPO	Growth	at IPO	Price	Price Chg	Price	IPO	Post Lock-	Raised	IPO Raise	On Price	Price Chg	Shares
Internet and Digital M	edia																		
09/21/18 08/20/18	32 Farfetch	\$5,408	\$885	\$6,293	11.2x	NM	(3%)	NM	\$340	\$20	5%	\$27	36%	NA	NA	NA	NA	NA	NA
09/19/18 08/23/18	27 Eventbrite	1,876	230	2,106	NM	NM	NM	NM	192	23	10%	38	65%	NA	NA	NA	NA	NA	NA
09/14/18 08/17/18	28 Qutoutiao	40	84	124	NM	NM	NM	NM	267	7		7	2%	NA	NA	NA	NA	NA	NA
07/26/18 06/29/18	27 Pinduoduo	19,422	1,626	21,048	NM	NM	240%	575%	106	19		26	38%	NA	NA	NA	NA	NA	NA
06/28/18 06/01/18	27 EverQuote	411	84	496	3.3	NM	3%	40%	(3)	18	6%	15	(17%)	NA	NA	NA	NA	NA	NA
03/02/17 02/02/17	28 Snap	15,653	3,400	19,053	NM	NM	NM	NM	987	17	6%	8	(50%)	NA	NA	NA	NA	NA	NA
12/16/16 11/14/16	32 Trivago	3,442	287	3,729	6.3	NM	33%	135%	(3)	11	(15%)	6	(44%)	NA	NA	NA	NA	NA	NA
09/21/16 08/22/16	30 The Trade Desk	604	84	688	5.3	6.8	156%	69%	(41)	18		151	738%	65	224	267%	52	167%	NA
07/14/16 06/10/16	34 LINE	6,174	722	6,896	6.2	41.1	22%	29%	(77)	33	1%	42	28%	NA	NA	NA	NA	NA	NA
06/23/16 05/26/16	28 Twilio	1,245	150	1,395	7.5	NM	88%	62%	109	15	7%	86	475%	NA	NA	NA	NA	NA	NA
12/18/15 11/16/15	32 Yirendai	1,020	75	1,095	NM	NM	918%	1293%	0	10		18	84%	NA	NA	NA	NA	NA	NA
11/19/15 10/16/15	34 Match Group	23	400	423	0.0	0.0	24%	23%	97	12		58	383%	NA	NA	NA	NA	NA	NA
05/20/15 04/17/15	33 Baozun Commerce	1,348	110	1,458	4.7	31.0	17%	35%	28	10	(17%)	49	386%	386	81	74%	12	(26%)	NA
04/01/15 06/09/14	296 GoDaddy	1,662	460	2,122	1.2	NM	17%	19%	(1,282)	20	5%	83	317%	710	882	192%	32	92%	2%
Median	31	\$1,505	\$259	\$1,782	5.3x	18.9x	24%	51%	\$62		5%		52%	386	\$224	192%	\$32	92%	2%
Mean	49	\$4,166	\$614	\$4,780	5.1x	19.7x	138%	228%	\$51		1%		174%	387	\$396	178%	\$32	78%	2%



Hardware & Tech-Enabled Services IPOs

						lultiples	Metrics	and Financ	ings		Share Info	ormation				Follow On In	formation		
IPO Date Filing	Days Company	EV IDO	Amount Raised	Market Cap	EV / Boy	EV /	Rev Grwth	NTM Rev	Net Cash	IPO Offer	File to	Current	Chg Since	Days	Amount	Relative to	Follow	IPO to	Primary
Date Date	on File	EVIPO	Amount Raiseu	warket Cap	EV / KeV	EBITDA	at IPO	Growth	at IPO	Price	Price Chg	Price	IPO	Post Lock-	Raised	IPO Raise	On Price	Price Chg	Shares
Hardware and Tech-Er	nabled Services																		
08/03/18 07/06/18	28 Arlo Technologies	\$1,000	\$163	\$1,163	2.3x	NM	139%	7%	\$70	\$16	(11%)	\$15	(9%)	NA	NA	NA	NA	NA	NA
08/02/18 07/06/18	27 Sonos	1,509	208	1,717	1.5	NM	10%	12%	78	15	(12%)	16	7%	NA	NA	NA	NA	NA	NA
09/28/17 09/01/17	27 Roku	1,303	219	1,523	3.3	NM	25%	54%	20	14		73	422%	NA	NA	NA	NA	NA	NA
05/25/17 04/28/17	27 Smart Modular Technologies	181	58	239	0.3	1.3	(17%)	40%	(184)	11	(15%)	29	161%	NA	NA	NA	NA	NA	NA
11/01/16 10/04/16	28 GDS Services	7,333	193	7,526	NM	NM	92%	3%	(470)	10	(17%)	35	251%	NA	NA	NA	NA	NA	NA
10/28/16 09/29/16	29 Quantenna Communications	500	107	607	6.0	NM	25%	52%	13	16		18	15%	NA	NA	NA	NA	NA	NA
08/12/16 07/15/16	28 Airgain	50	12	62	1.8	NM	9%	55%	1	8	(11%)	13	64%	(61)	40	333%	18	233%	57%
11/18/15 10/16/15	33 Mimecast	503	78	581	3.9	45.7	45%	9%	24	10		42	319%	NA	NA	NA	NA	NA	NA
10/09/15 08/07/15	63 CPI Card Group	420	150	570	1.6	NM	33%	42%	(166)	10	(17%)	3	(66%)	NA	NA	NA	NA	NA	NA
10/07/15 08/12/15	56 Pure Storage	3,468	425	3,893	19.9	NM	308%	146%	193	17		26	53%	NA	NA	NA	NA	NA	NA
06/26/15 05/22/15	35 Alarm.com	571	98	669	3.4	8.6	28%	19%	36	14		57	310%	NA	NA	NA	NA	NA	NA
06/18/15 05/07/15	42 Fitbit	3,981	732	4,713	5.3	NM	175%	141%	63	20	5%	5	(73%)	(33)	493	67%	29	(33%)	NA
05/19/15 12/23/14	147 Black Knight	1,130	441	1,571	1.3	2.4	NM	7%	(2,079)	25		52	112%	NA	NA	NA	NA	NA	NA
03/26/15 02/18/15	36 Solaredge Technologies	651	126	777	4.9	4.2	69%	NM	(10)	18		38	109%	NA	NA	NA	NA	NA	NA
Median	31	\$826	\$157	\$970	3.3x	4.2x	33%	40%	\$16		(12%)		87%	(47)	\$266	200%	\$24	100%	57%
Mean	43	\$1,614	\$215	\$1,829	4.3x	12.4x	72%	45%	(\$172)		(11%)		120%	(47)	\$266	200%	\$24	100%	57%



Public Company Valuation

Price Ompany 52-Wk 09/30/18 EV E	4x 16.6x 4 10.4 8 11.0 M 45.9 1 34.0 8 6.0 M 21.0 M 33.9 2 9.9 M 19.9	FY+2 LTM 14.9x 33.0x 9.7 NM 9.5 63.3 35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9 4.1 6.4	P/E FY+1 21.0x 14.4 24.0 72.2 55.1 18.0 86.1 94.0 18.5 33.0	FY+2 16.9x 12.8 21.3 59.0 47.3 15.1 34.8 54.2 20.6 29.0
E-Commerce & Marketplaces Booking Holdings \$1,871.60 96% \$93,489 \$94,915 6.9x 6.6x 5.9x 17.4 eBay 33.02 71% 32,675 37,872 3.7 3.5 3.3 12.4 Expedia Group 130.48 85% 19,500 20,753 1.9 1.8 1.7 14.3 GrubHub 138.62 94% 12,540 12,180 14.5 12.4 9.8 NM Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 40.3 Groupon 3.77 64% 2,143 1,705 0.6 0.6 0.6 16.6 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5	4x 16.6x 4 10.4 8 11.0 M 45.9 1 34.0 8 6.0 M 21.0 M 33.9 2 9.9 M 19.9	14.9x 33.0x 9.7 NM 9.5 63.3 35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	21.0x 14.4 24.0 72.2 55.1 18.0 86.1 94.0 18.5 33.0	16.9x 12.8 21.3 59.0 47.3 15.1 34.8 54.2 20.6 29.0
Booking Holdings \$1,871.60 96% \$93,489 \$94,915 6.9x 6.6x 5.9x 17.4 eBay 33.02 71% 32,675 37,872 3.7 3.5 3.3 12.4 Expedia Group 130.48 85% 19,500 20,753 1.9 1.8 1.7 14.4 GrubHub 138.62 94% 12,540 12,180 14.5 12.4 9.8 NW Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 40.3 Groupon 3.77 64% 2,143 1,705 0.6 0.6 0.6 16.8 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com	4 10.4 8 11.0 A 45.9 1 34.0 8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	9.7 NM 9.5 63.3 35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	14.4 24.0 72.2 55.1 18.0 86.1 94.0 18.5 33.0	12.8 21.3 59.0 47.3 15.1 34.8 54.2 20.6 29.0
eBay 33.02 71% 32,675 37,872 3.7 3.5 3.3 12.4 Expedia Group 130.48 85% 19,500 20,753 1.9 1.8 1.7 14.3 GrubHub 138.62 94% 12,540 12,180 14.5 12.4 9.8 NK Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 40 Groupon 3.77 64% 2,143 1,705 0.6 0.6 16.1 6.4 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NK	4 10.4 8 11.0 A 45.9 1 34.0 8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	9.7 NM 9.5 63.3 35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	14.4 24.0 72.2 55.1 18.0 86.1 94.0 18.5 33.0	12.8 21.3 59.0 47.3 15.1 34.8 54.2 20.6 29.0
Expedia Group 130.48 85% 19,500 20,753 1.9 1.8 1.7 14.4 GrubHub 138.62 94% 12,540 12,180 14.5 12.4 9.8 NM Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 400. Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	8 11.0 A 45.9 1 34.0 8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	9.5 63.3 35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	24.0 72.2 55.1 18.0 86.1 94.0 18.5 33.0	21.3 59.0 47.3 15.1 34.8 54.2 20.6 29.0
GrubHub 138.62 94% 12,540 12,180 14.5 12.4 9.8 NM Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 40.3 Groupon 3.77 64% 2,143 1,705 0.6 0.6 0.6 16.5 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	A 45.9 1 34.0 8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	35.0 94.9 29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	72.2 55.1 18.0 86.1 94.0 18.5 33.0	59.0 47.3 15.1 34.8 54.2 20.6 29.0
Proto Labs 161.75 98% 4,372 4,251 10.6 9.6 8.4 40.3 Groupon 3.77 64% 2,143 1,705 0.6 0.6 0.6 16.8 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	1 34.0 8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	29.5 68.0 5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	55.1 18.0 86.1 94.0 18.5 33.0	47.3 15.1 34.8 54.2 20.6 29.0
Groupon 3.77 64% 2,143 1,705 0.6 0.6 0.6 16.8 Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	8 6.0 A 21.0 A 33.9 2 9.9 A 19.9	5.5 NM 14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	18.0 86.1 94.0 18.5 33.0	15.1 34.8 54.2 20.6 29.0
Quotient Technology 15.50 88% 1,474 1,267 3.6 3.2 2.5 NM TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	A 21.0 A 33.9 2 9.9 A 19.9	14.6 NM 25.0 NM 10.6 17.4 16.5 87.9	86.1 94.0 18.5 33.0	34.8 54.2 20.6 29.0
TrueCar 14.10 86% 1,439 1,270 3.8 3.5 3.0 NM NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	A 33.9 2 9.9 A 19.9	25.0NM10.617.416.587.9	94.0 18.5 33.0	54.2 20.6 29.0
NIC 14.80 81% 985 812 2.3 2.4 2.5 9.2 Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	2 9.9 M 19.9	10.617.416.587.9	18.5 33.0	20.6 29.0
Care.com 22.11 97% 691 629 3.5 3.3 2.9 NM	И 19.9	16.5 87.9	33.0	29.0
DHI Group 2.10 68% 113 122 0.6 0.7 0.8 3.7	7 39	A 1 C 4		
	J.J	4.1 6.4	10.5	12.4
Median 86% \$2,143 \$1,705 3.6x 3.3x 2.9x 14.	8x 16.6x	14.6x 63.3x	24.0x	21.3x
<u>Mean 84% \$15,402 \$15,980 4.7x 4.3x 3.8x 16.3</u>	3x 19.3x	15.9x 53.0x	40.6x	29.4x
Social				
Facebook \$164.46 76% \$474,832 \$432,523 8.9x 7.8x 6.2x 15.5	9x 12.8x	10.8x 25.0x	23.1x	20.3x
Twitter 28.46 61% 21,568 18,603 6.9 6.4 5.6 27.	7 17.4	14.8 92.3	41.2	35.6
Snap 8.48 41% 10,832 9,262 9.4 8.0 5.8 NM	A NM	NM NM	NM	NM
LINE 42.13 90% 10,164 8,782 5.2 4.6 4.0 NM	Л 41.4	30.3 NM	123.9	42.1
Momo 43.80 81% 8,807 8,384 5.0 4.1 3.2 16.0	6 15.1	11.0 20.5	17.2	13.6
The Meet Group 4.95 97% 363 391 2.6 2.3 2.1 NM	И 14.3	13.0 NM	17.1	15.0
Median 78% \$10,498 \$9,022 6.0x 5.5x 4.8x 16.0	6x 15.1x	13.0x 25.0x	23.1x	20.3x
<u>Mean 74% \$87,761 \$79,657 6.3x 5.5x 4.5x 20.</u>	1x 20.2x	16.0x 45.9x	44.5x	25.3x
Streaming Services				
Netflix \$374.13 89% \$162,918 \$167,353 12.1x 10.6x 8.5x NM	A NM	NM NM	141.4x	86.1x
Pandora Media 9.51 95% 2,565 2,900 2.0 1.9 1.7 NM	л NM	NM NM	NM	NM
Median 92% \$82,741 \$85,127 7.0x 6.2x 5.1x NN	/ NM	NM NM	NM	86.1x
Mean 92% \$82,741 \$85,127 7.0x 6.2x 5.1x NN	/ NM	NM NM	NM	86.1x



	Duine	52-Wk			E)/	/ D			EV / EBITDA			P/E	
Company	Price 09/30/18	52-WK High	Mkt Cap	EV -		/ Revenue FY+1	FY+2	LTM	EV / EBITDA FY+1	FY+2	LTM	<u>FY+1</u>	FY+2
	00/00/20		time cap										
Ad Tech													
Microsoft	\$114.37	100%	\$877,014	\$819,486	7.4x	6.7x	6.0x	16.6x	15.8x	14.0x	58.3x	26.7x	23.2x
Alphabet	1207.08	94%	834,977	736,704	5.9	5.4	4.5	19.8	14.4	12.0	49.4	27.5	25.0
Alliance Data Systems	236.16	85%	12,975	23,090	3.0	2.8	2.6	10.4	10.9	9.9	14.9	10.4	9.1
The Trade Desk	150.91	97%	6,477	6,335	16.7	13.9	10.4	NM	44.7	34.1	112.6	68.9	57.5
Blucora	40.25	100%	1,918	2,088	3.8	3.7	3.5	19.7	17.7	15.6	25.1	21.4	18.5
Criteo	22.94	49%	1,537	1,079	0.5	1.1	1.1	4.1	3.6	3.4	14.2	9.8	9.4
QuinStreet	13.57	85%	666	601	1.5	1.3	1.2	25.0	13.1	10.2	39.9	20.3	15.1
Telaria	3.79	72%	199	134	2.7	2.2	1.8	NM	25.3	8.2	NM	94.8	18.0
Rubicon Project	3.60	89%	183	78	0.7	0.7	0.6	NM	NM	NM	NM	NM	NM
Marchex	2.78	78%	116	39	0.5	0.5	0.5	NM	NM	44.8	NM	NM	NM
Median		87%	\$1,727	\$1,583	2.8x	2.5x	2.2x	18.2x	15.1x	12.0x	39.9x	24.0x	18.3x
Mean		85%	\$173,606	\$158,963	4.3x	3.8x	3.2x	15.9x	18.2x	16.9x	44.9x	35.0x	22.0x
Online Retail													
Amazon.com	\$2,003.00	98%	\$976,946	\$974,534	4.7x	4.1x	3.4x	45.6x	30.2x	22.9x	NM	115.7x	79.5x
Alibaba Group	164.76	78%	423,751	428,646	9.9	7.3	5.3	40.3	22.5	16.6	47.4	29.1	21.4
Cimpress	136.61	80%	4,219	5,145	2.0	1.8	1.7	17.8	13.3	10.8	117.8	45.8	34.8
Stamps.com	226.20	79%	4,107	3,889	7.5	6.7	5.6	19.0	15.1	12.6	22.2	21.3	20.6
Shutterfly	65.89	68%	2,204	3,173	2.2	1.6	1.4	15.7	7.7	7.4	59.0	20.5	17.6
Overstock.com	27.70	32%	804	732	0.4	0.4	0.4	NM	NM	NM	NM	NM	NM
Pets at Home	1.56	54%	781	969	0.8	0.8	0.8	6.2	5.9	5.7	8.5	8.7	8.7
1-800-Flowers.com	11.80	81%	762	717	0.6	0.6	0.6	9.7	9.1	8.3	18.4	29.5	24.6
CafePress	1.46	68%	25	4	0.0	0.0	NA	NM	NM	NA	NM	NM	NA
Median		78%	\$2,204	\$3,173	2.0x	1.6x	1.5x	17.8x	13.3x	10.8x	34.8x	29.1x	21.4x
Mean		71%	\$157,066	\$157,534	3.1x	2.6x	2.4x	22.0x	14.8x	12.0x	45.5x	38.7x	29.6x



	Price	52-Wk			EV	/ Revenue			EV / EBITDA			P/E	
Company	09/30/18	High	Mkt Cap	EV -	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Large Cap Internet													
	\$2,003.00	98%	\$976,946	\$974,534	4.7x	4.1x	3.4x	45.6x	30.2x	22.9x	NM	115.7x	79.5x
Amazon.com	· · ·						-			-		-	
Microsoft	114.37	100%	877,014	819,486	7.4	6.7	6.0	16.6	15.8	14.0	58.3	26.7	23.2
Alphabet	1207.08	94%	834,977	736,704	5.9	5.4	4.5	19.8	14.4	12.0	49.4	27.5	25.0
Facebook	164.46	76%	474,832	432,523	8.9	7.8	6.2	15.9	12.8	10.8	25.0	23.1	20.3
Alibaba Group	164.76	78%	423,751	428,646	9.9	7.3	5.3	40.3	22.5	16.6	47.4	29.1	21.4
Median		94%	\$834,977	\$736,704	7.4x	6.7x	5.3x	19.8x	15.8x	14.0x	48.4x	27.5x	23.2x
Mean		89%	\$717,504	\$678,379	7.4x	6.3x	5.1x	27.6x	19.2x	15.3x	45.0x	44.4x	33.9x
Content													
IAC	\$216.72	97%	\$18,035	\$18,926	4.9x	4.5x	4.0x	30.5x	19.2x	15.6x	37.5x	27.2x	24.6x
Zillow	44.20	68%	8,945	8,440	7.1	6.3	4.4	NM	34.1	26.1	NM	77.5	55.3
TripAdvisor	51.07	84%	7,025	6,347	4.0	3.9	3.6	26.9	16.9	15.3	NM	36.6	32.9
Yelp	49.20	94%	4,117	3,313	3.7	3.4	2.9	14.9	17.4	13.6	25.4	36.0	30.5
LendingTree	230.10	57%	2,949	2,901	4.2	3.8	3.2	39.1	19.2	15.2	31.8	39.5	31.4
Shutterstock	54.58	99%	1,908	1,618	2.7	2.6	2.3	16.5	15.4	12.7	48.3	39.3	31.0
XO Group	34.48	99%	893	777	4.7	4.6	4.2	27.4	21.2	19.0	69.0	53.9	47.2
TechTarget	19.42	58%	536	529	4.5	4.3	3.8	24.3	16.6	12.5	43.2	25.9	19.1
Median		89%	\$3,533	\$3,107	4.3x	4.1x	3.7x	26.9x	18.3x	15.3x	40.3x	37.9x	31.2x
Mean		82%	\$5,551	\$5,356	4.5x	4.2x	3.6x	25.7x	20.0x	16.2x	42.5x	42.0x	34.0x
Gaming													
Activision Blizzard	\$83.19	100%	\$63,425	\$62,962	8.7x	8.4x	7.8x	24.7x	23.1x	19.8x	126.0x	31.8x	27.7x
Electronic Arts	120.49	81%	36.728	32.750	6.8	6.2	5.7	28.4	17.6	15.5	53.1	26.0	22.3
Take-Two Interactive	137.99	100%	15.707	14.610	8.3	5.2	5.2	NM	21.3	19.1	83.6	30.6	27.6
Zynga	4.01	90%	3.449	3.057	3.5	3.4	2.9	43.2	16.6	13.3	100.3	25.3	21.1
GameStop	15.27	74%	1.557	2.096	0.2	0.2	0.2	9.9	3.4	3.6	NM	5.0	5.4
Median	15.27	90%	\$15,707	\$14,610	6.8x	5.2x	5.2x	26.5x	17.6x	15.5x	91.9x	26.0x	22.3x
Mean		89%	\$24,173	\$23,095	5.5x	4.7x	4.4x	26.5x	16.4x	14.3x	90.7x	23.8x	20.8x
moun		0570	727,173	723,033	3.37	7.7 A	7.77	20.34	10.44	14.34	J0.7A	23.04	20.07



	Price	52-Wk			EV	/ Revenue			EV / EBITDA			P/E	
Company	09/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Web Services													
GoDaddy	\$83.39	99%	\$14,368	\$16,007	6.5x	6.0x	5.4x	36.1x	21.7x	18.7x	78.7x	28.7x	24.7x
Twilio	86.28	98%	8.408	8.036	16.3	13.7	10.8	NM	NM	NM	NM	NM	NM
Wix.com	119.70	100%	5.613	5.512	10.5	9.2	7.2	NM	49.5	31.5	NM	142.5	89.9
LogMeln	89.10	67%	4.624	4.625	4.1	3.9	3.7	13.6	10.6	9.8	32.6	17.1	15.4
Cheetah Mobile	9.83	58%	1.378	849	1.1	1.2	1.0	3.7	8.2	10.4	6.2	16.1	13.7
Carbonite	35.65	83%	1,198	1,322	5.0	4.3	3.8	NM	13.6	11.4	NM	22.9	19.5
Tucows	55.75	80%	591	649	1.8	1.9	1.9	15.2	15.5	12.7	26.2	40.1	28.4
Median		83%	\$4,624	\$4,625	5.0x	4.3x	3.8x	14.4x	14.5x	12.1x	29.4x	25.8x	22.1x
Mean		84%	\$5.169	\$5,286	6.5x	5.7x	4.8x	17.1x	19.8x	15.8x	35.9x	44.5x	31.9x
Traditional Media	¢446.04	4.000/	6472.040	6407.240	2.4	2.2		44.2	10.0	10.0	44.6	45.0	45.0
The Walt Disney Company	\$116.94	100%	\$173,918	\$197,248	3.4x	3.3x	3.3x	11.2x	10.9x	10.9x	14.6x	15.8x	15.8x
Comcast	35.41	82%	162,246	222,149	2.5	2.5	2.4	7.7	7.6	7.2	7.0	14.1	12.8
Naspers	215.90	70%	93,342	86,724	13.0	11.5	10.3	7.1	NM	NM	8.0	24.6	17.7
S&P Global	195.39	91%	49,141	50,969	8.1	7.9	7.5	17.7	16.0	14.8	30.3	22.9	20.6
CBS Corporation	57.45	95%	21,626	31,224	2.2	2.1	2.0	11.9	9.4	8.8	16.1	10.9	9.8
Viacom	33.76	98%	13,739	22,963	1.8	1.7	1.7	3.1	7.3	7.3	6.3	7.7	7.7
News Corp	13.19	77%	7,795	8,919	1.0	0.9	0.8	NM	6.8	6.4	NM	35.4	26.5
The New York Times	23.15	87%	3,817	3,539	2.1	2.1	2.0	17.3	13.2	11.6	142.5	28.2	22.3
Graham Holdings	579.30	93%	3,097	2,820	1.1	1.1	NA	8.0	7.9	NA	9.7	NA NA	NA NA
Tegna	11.96	77%	2,575	5,682	2.9	2.6	NA	8.8	7.6	NA	2.9		
Median		89%	\$17,682	\$27,093	2.4x	2.3x	2.2x	8.8x	7.9x	8.8x	9.7x	19.4x	16.8x
Mean		87%	\$53,130	\$63,224	3.8x	3.6x	3.8x	10.3x	9.6x	9.6x	26.4x	20.0x	16.6x
Selected Europe and Latin America													
MercadoLibre	\$340.47	82%	\$15,375	\$15,296	10.4x	10.5x	7.5x	NM	NM	NM	NM	NM	NM
Ubisoft Entertainment	108.71	90%	12,238	12,866	6.4	5.3	4.7	15.0	10.5	10.3	58.6	32.9	25.7
United Internet	47.42	65%	9,498	11,881	2.1	1.9	1.8	7.4	8.4	7.7	12.8	17.4	14.8
Rightmove	6.16	87%	5,540	5,521	16.1	15.9	14.6	21.4	20.7	19.2	2.7	26.1	23.7
MoneySupermarket.com Group	3.65	73%	1,955	1,923	4.2	4.3	4.0	12.7	11.5	10.7	18.3	16.5	15.3
Technicolor	1.20	30%	496	1,552	0.3	0.3	0.3	7.9	5.1	4.5	NM	NM	52.1
The Meet Group	4.95	97%	363	391	2.6	2.3	2.1	NM	14.3	13.0	NM	17.1	15.0
Goldbach Group	36.07	95%	220	172	0.3	0.3	0.3	4.4	4.2	4.0	16.7	16.7	15.4
HolidayCheck Group	3.72	82%	217	186	1.2	1.2	1.0	NM	18.0	12.3	NM	83.6	37.5
AdUX	4.10	50%	11	9	0.2	0.2	0.2	7.6	5.1	3.2	NM	NM	NA
Median		82%	\$1,226	\$1,738	2.3x	2.1x	2.0x	7.9x	10.5x	10.3x	16.7x	17.4x	19.5x
Mean		75%	\$4,591	\$4,980	4.4x	4.2x	3.7x	10.9x	10.9x	9.4x	21.8x	30.1x	24.9x

	Price	52-Wk		EV / Revenue				EV / EBITDA		P/E			
Company	09/30/18	52-WK High	Mkt Cap	EV -		FY+1	FY+2	LTM	FY+1	FY+2	LTM	FY+1	FY+2
		0	·										
Selected Asia			4	4									
Tencent Holdings	\$41.35	68%	\$393,698	\$402,901	9.4x	8.7x	6.5x	26.0x	22.8x	18.2x	38.2x	33.5x	25.6x
Baidu	228.68	81%	80,063	70,907	4.9	4.7	3.9	18.3	16.7	13.6	20.1	21.6	18.8
Nintendo	365.64	79%	43,922	36,539	3.8	3.2	2.9	19.8	14.6	11.1	32.5	25.2	18.9
JD.com	26.09	52%	37,223	33,351	0.5	0.5	0.4	NM	32.4	20.9	NM	68.7	30.8
NetEase	228.25	61%	29,976	25,331	2.9	2.5	2.0	18.7	18.8	14.2	29.2	21.9	18.6
Ctrip.com International	37.17	66%	20,102	20,261	4.7	4.5	3.6	21.3	22.8	16.1	26.2	29.6	24.8
Naver	642.37	72%	18,781	18,781	4.0	3.8	3.3	17.4	16.4	13.6	25.2	28.1	25.0
Yahoo Japan	3.61	72%	18,337	13,811	1.7	1.6	1.5	6.6	7.8	7.3	17.7	13.8	12.7
Weibo	73.13	52%	16,286	15,600	10.6	8.7	6.4	29.9	22.8	16.0	34.3	26.4	19.1
Nexon	13.10	70%	11,681	10,247	4.5	4.4	4.0	10.3	9.9	9.1	13.5	7.1	6.0
Yandex	32.89	75%	10,801	9,938	5.5	5.4	4.2	10.4	18.1	12.6	40.1	33.6	23.8
Rakuten	7.68	68%	10,342	13,989	1.5	1.5	1.3	6.9	8.1	8.9	8.5	13.5	16.0
Konami	39.24	67%	5,307	4,210	1.9	1.8	1.7	7.9	7.2	6.4	17.1	NA	NA
Sina	69.48	57%	4,966	4,267	2.2	1.9	1.5	9.7	7.5	5.0	31.5	22.4	15.4
51job	76.99	68%	4.753	3.953	7.9	7.2	5.9	NM	21.1	15.9	NM	27.1	21.8
MakeMyTrip	27.45	67%	2.799	2.444	3.6	3.7	3.0	NM	NM	NM	NM	NM	NM
Baozun Commerce	48.58	73%	2.767	2.737	3.9	3.4	2.6	NM	34.3	21.3	78.0	45.6	29.0
DeNA	17.70	71%	2.569	1.674	1.4	1.4	1.3	4.5	6.2	5.5	12.4	12.2	21.3
Mixi Corporation	24.04	44%	1.811	531	0.3	0.3	0.4	0.9	1.2	1.4	5.9	6.5	7.7
Bitauto Holdings	23.00	43%	1.673	3,269	2.2	2.1	1.7	NM	17.1	11.8	NM	16.9	11.6
SouFun Holding	2.59	46%	1,152	1,572	4.3	4.7	3.6	NM	17.0	8.6	NM	12.8	10.6
GREE Ventures	4.73	66%	1.114	327	0.5	0.5	0.4	4.4	3.6	3.3	18.5	NA	NA
Tuniu	7.18	76%	931	669	1.9	2.0	1.5	NM	NM	NM	NM	NA	NA
Median	,110	68%	\$10,342	\$9,938	3.6x	3.2x	2.6x	10.3x	16.7x	11.8x	25.2x	22.4x	18.9x
Mean		65%	\$31,350	\$30,318	3.7x	3.4x	2.8x	13.3x	15.6x	11.5x	26.4x	24.6x	18.8x



Public Company Operating Metrics

	Price	52-Wk			Reve	nue Growth		EBIT	DA Margin	
Company	09/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
E-Commerce & Marketplaces										
Booking Holdings	\$1,871.60	96%	\$93,489	\$94,915	19%	13%	12%	40%	40%	40%
eBay	33.02	71%	32,675	37,872	10%	13%	8%	30%	34%	33%
Expedia Group	130.48	85%	19,500	20,753	13%	12%	11%	13%	17%	17%
GrubHub	138.62	94%	12,540	12,180	46%	43%	27%	21%	27%	28%
Proto Labs	161.75	98%	4,372	4,251	28%	29%	14%	27%	28%	28%
Groupon	3.77	64%	2,143	1,705	(6%)	(7%)	1%	4%	11%	12%
Quotient Technology	15.50	88%	1,474	1,267	22%	23%	25%	(1%)	15%	17%
TrueCar	14.10	86%	1,439	1,270	9%	12%	15%	(4%)	10%	12%
NIC	14.80	81%	985	812	6%	1%	(4%)	25%	24%	24%
Care.com	22.11	97%	691	629	7%	11%	14%	5%	16%	17%
DHI Group	2.10	68%	113	122	(13%)	(22%)	(4%)	18%	19%	19%
Median		86%	\$2,143	\$1,705	10%	12%	12%	18%	19%	19%
Mean		84%	\$15,402	\$15,980	13%	12%	11%	16%	22%	23%
Social										
Facebook	\$164.46	76%	\$474,832	\$432,523	46%	37%	25%	56%	61%	58%
Twitter	\$28.46	61%	\$21,568	\$18,603	10%	19%	13%	25%	37%	38%
Snap	\$8.48	41%	\$10,832	\$9,262	40%	40%	38%	NM	(58%)	(31%)
LINE	\$42.13	90%	\$10,164	\$8,782	22%	28%	15%	9%	11%	13%
Momo	\$43.80	81%	\$8,807	\$8,384	70%	55%	29%	30%	27%	29%
The Meet Group	\$4.95	97%	\$363	\$391	56%	36%	10%	(29%)	16%	16%
Median		78%	\$10,498	\$9,022	43%	36%	20%	25%	22%	23%
Mean		74%	\$87,761	\$79,657	41%	36%	22%	18%	16%	21%
Streaming Services										
Netflix	\$374.13	89%	\$162,918	\$167,353	36%	35%	24%	10%	13%	15%
Pandora Media	9.51	95%	2,565	2,900	3%	6%	13%	(19%)	(7%)	(1%)
Median		92%	\$82,741	\$85,127	20%	20%	18%	(5%)	3%	7%
Mean		92%	\$82,741	\$85,127	20%	20%	18%	(5%)	3%	7%



	Price	52-Wk		_	Reve	nue Growth		EBIT	DA Margin	
Company	09/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Ad Tech										
Microsoft	\$114.37	100%	\$877,014	\$819,486	14%	11%	11%	45%	42%	43%
Alphabet	1207.08	94%	834,977	736,704	25%	24%	19%	30%	37%	37%
Alliance Data Systems	236.16	85%	12,975	23,090	5%	5%	9%	29%	26%	26%
The Trade Desk	150.91	97%	6,477	6,335	51%	48%	33%	23%	31%	31%
Blucora	40.25	100%	1,918	2,088	12%	10%	7%	19%	21%	22%
Criteo	22.94	49%	1,537	1,079	14%	(58%)	7%	11%	31%	31%
QuinStreet	13.57	85%	666	601	35%	13%	11%	6%	10%	12%
Telaria	3.79	72%	199	134	46%	37%	26%	(14%)	9%	22%
Rubicon Project	3.60	89%	183	78	(47%)	(24%)	13%	NM	(18%)	(0%)
Marchex	2.78	78%	116	39	(19%)	(10%)	1%	(2%)	1%	1%
Median		87%	\$1,727	\$1,583	14%	11%	11%	19%	24%	24%
Mean		85%	\$173,606	\$158,963	14%	6%	14%	16%	19%	23%
Online Retail										
Amazon.com	\$2,003.00	98%	\$976,946	\$974,534	39%	32%	22%	10%	14%	15%
Alibaba Group	164.76	78%	423,751	428,646	67%	55%	39%	25%	33%	32%
Cimpress	136.61	80%	4,219	5,145	21%	9%	9%	11%	14%	15%
Stamps.com	226.20	79%	4,107	3,889	24%	23%	21%	39%	45%	44%
Shutterfly	65.89	68%	2,204	3,173	25%	69%	13%	14%	21%	19%
Overstock.com	27.70	32%	804	732	(1%)	6%	7%	(7%)	(8%)	(2%)
Pets at Home	1.56	54%	781	969	9%	4%	3%	13%	13%	13%
1-800-Flowers.com	11.80	81%	762	717	(3%)	6%	5%	6%	6%	7%
CafePress	1.46	68%	25	4	(21%)	1%	NA	(5%)	(6%)	NA
Median		78%	\$2,204	\$3,173	21%	9%	11%	11%	14%	15%
Mean		71%	\$157,066	\$157,534	18%	23%	15%	12%	15%	18%



	Price	52-Wk			Revei	nue Growth		EBIT	DA Margin	
Company	09/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Large Cap Internet										
Amazon.com	\$2,003.00	98%	\$976,946	\$974,534	39%	32%	22%	10%	14%	15%
Microsoft	114.37	100%	877,014	819,486	14%	11%	11%	45%	42%	43%
Alphabet	1207.08	94%	834,977	736,704	25%	24%	19%	30%	37%	37%
Facebook	164.46	76%	474,832	432,523	46%	37%	25%	56%	61%	58%
Alibaba Group	164.76	78%	423,751	428,646	67%	55%	39%	25%	33%	32%
Median		94%	\$834,977	\$736,704	39%	32%	22%	30%	37%	37%
Mean		89%	\$717,504	\$678,379	38%	32%	23%	33%	37%	37%
Content										
IAC	\$216.72	97%	\$18,035	\$18,926	24%	27%	14%	16%	23%	25%
Zillow	44.20	68%	8,945	8,440	23%	24%	42%	(4%)	19%	17%
TripAdvisor	51.07	84%	7,025	6,347	2%	5%	9%	15%	23%	23%
Yelp	49.20	94%	4,117	3,313	14%	14%	17%	25%	20%	22%
LendingTree	230.10	57%	2,949	2,901	45%	22%	21%	11%	20%	21%
Shutterstock	54.58	99%	1,908	1,618	16%	14%	12%	16%	17%	18%
XO Group	34.48	99%	893	777	4%	4%	9%	17%	22%	22%
TechTarget	19.42	58%	536	529	14%	14%	13%	19%	26%	30%
Median		89%	\$3,533	\$3,107	15%	14%	13%	16%	21%	22%
Mean		82%	\$5,551	\$5,356	18%	15%	17%	14%	21%	22%
Gaming										
Activision Blizzard	\$83.19	100%	\$63,425	\$62,962	5%	7%	7%	35%	36%	40%
Electronic Arts	120.49	81%	36,728	32,750	(4%)	2%	9%	24%	36%	37%
Take-Two Interactive	137.99	100%	15,707	14,610	(7%)	56%	1%	17%	25%	27%
Zynga	4.01	90%	3,449	3,057	14%	5%	19%	8%	20%	21%
GameStop	15.27	74%	1,557	2,096	4%	(4%)	(3%)	2%	7%	7%
Median		90%	\$15,707	\$14,610	4%	5%	7%	17%	25%	27%
Mean		89%	\$24,173	\$23,095	2%	13%	7%	17%	25%	26%



	Price	52-Wk			Reve	nue Growth		EBIT	DA Margin	
Company	09/30/18	High	Mkt Cap	EV	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Web Services										
GoDaddy	\$83.39	99%	\$14,368	\$16,007	23%	19%	12%	18%	28%	29%
Twilio	86.28	98%	8,408	8,036	46%	47%	27%	(14%)	4%	5%
Wix.com	119.70	100%	5,613	5,512	44%	41%	27%	(8%)	19%	23%
LogMeln	89.10	67%	4.624	4.625	83%	20%	5%	30%	37%	38%
Cheetah Mobile	9.83	58%	1,378	849	6%	(0%)	11%	31%	14%	10%
Carbonite	35.65	83%	1,198	1,322	20%	28%	12%	10%	32%	33%
Tucows	55.75	80%	591	649	40%	3%	1%	12%	12%	15%
Median		83%	\$4,624	\$4,625	40%	20%	12%	12%	19%	23%
Mean		84%	\$5,169	\$5,286	37%	23%	14%	11%	21%	22%
Traditional Media										
The Walt Disney Company	\$116.94	100%	\$173,918	\$197,248	4%	10%	0%	30%	30%	30%
Comcast	35.41	82%	162,246	222,149	4%	6%	2%	33%	33%	34%
Naspers	215.90	70%	93.342	86.724	9%	13%	12%	NM	9%	14%
S&P Global	195.39	91%	49,141	50,969	8%	6%	6%	46%	49%	50%
CBS Corporation	57.45	95%	21,626	31,224	8%	7%	7%	18%	23%	23%
Viacom	33.76	98%	13,739	22,963	(3%)	0%	0%	59%	24%	24%
News Corp	13.19	77%	7,795	8,919	11%	15%	1%	(7%)	13%	13%
The New York Times	23.15	87%	3,817	3,539	6%	3%	5%	12%	16%	17%
Graham Holdings	579.30	93%	3,097	2,820	6%	3%	NA	13%	13%	NA
Tegna	11.96	77%	2,575	5,682	(2%)	14%	(1%)	33%	34%	31%
Median		89%	\$17,682	\$27,093	6%	7%	2%	30%	23%	24%
Mean		87%	\$53,130	\$63,224	5%	8%	4%	26%	24%	26%
Selected Europe and Latin America										
MercadoLibre	\$340.47	82%	\$15,375	\$15,296	41%	4%	41%	(2%)	0%	6%
Ubisoft Entertainment	108.71	90%	12,238	12,866	26%	21%	13%	43%	50%	45%
United Internet	47.42	65%	9,498	11,881	35%	29%	5%	28%	23%	24%
Rightmove	6.16	87%	5,540	5,521	17%	11%	8%	75%	76%	76%
MoneySupermarket.com Group	3.65	73%	1,955	1,923	11%	7%	6%	33%	37%	38%
Technicolor	1.20	30%	496	1,552	(1%)	(4%)	(2%)	4%	7%	8%
The Meet Group	4.95	97%	363	391	56%	36%	10%	(29%)	16%	16%
Goldbach Group	36.07	95%	220	172	2%	1%	3%	8%	8%	8%
HolidayCheck Group	3.72	82%	217	186	22%	16%	11%	2%	6%	8%
AdUX	4.10	50%	11	9	(11%)	9%	20%	3%	4%	6%
Median		82%	\$1,226	\$1,738	20%	10%	9%	6%	12%	12%
Mean		75%	\$4,591	\$4,980	20%	13%	12%	16%	23%	24%

	Price	52-Wk			Reve	nue Growth		EBIT	DA Margin	
Company	09/30/18	High	Mkt Cap	EV _	LTM	FY+1	FY+2	LTM	FY+1	FY+2
Selected Asia										
Tencent Holdings	\$41.35	68%	\$393,698	\$402,901	54%	32%	33%	36%	38%	36%
Baidu	228.68	81%	80,063	70,907	33%	20%	21%	27%	28%	29%
Nintendo	365.64	79%	43,922	36,539	82%	21%	9%	19%	22%	26%
JD.com	26.09	52%	37,223	33,351	42%	27%	24%	(1%)	2%	2%
NetEase	228.25	61%	29,976	25,331	25%	25%	25%	15%	14%	14%
Ctrip.com International	37.17	66%	20,102	20,261	28%	14%	25%	22%	20%	22%
Naver	642.37	72%	18,781	18,781	19%	21%	15%	23%	23%	24%
Yahoo Japan	3.61	72%	18,337	13,811	5%	6%	7%	25%	21%	21%
Weibo	73.13	52%	16,286	15,600	100%	55%	37%	35%	38%	40%
Nexon	13.10	70%	11,681	10,247	19%	12%	10%	44%	44%	44%
Yandex	32.89	75%	10,801	9,938	32%	14%	27%	52%	30%	34%
Rakuten	7.68	68%	10,342	13,989	18%	34%	13%	22%	18%	15%
Konami	39.24	67%	5,307	4,210	1%	9%	4%	24%	25%	27%
Sina	69.48	57%	4,966	4,267	57%	40%	29%	23%	26%	30%
51job	76.99	68%	4,753	3,953	35%	31%	22%	(5%)	34%	37%
MakeMyTrip	27.45	67%	2,799	2,444	51%	(2%)	21%	(29%)	(16%)	(7%)
Baozun Commerce	48.58	73%	2,767	2,737	28%	29%	34%	6%	10%	12%
DeNA	17.70	71%	2,569	1,674	(5%)	(3%)	6%	30%	22%	24%
Mixi Corporation	24.04	44%	1,811	531	(17%)	(11%)	(8%)	37%	28%	26%
Bitauto Holdings	23.00	43%	1,673	3,269	46%	18%	24%	(15%)	12%	15%
SouFun Holding	2.59	46%	1,152	1,572	(44%)	(24%)	29%	(15%)	28%	42%
GREE Ventures	4.73	66%	1,114	327	18%	2%	7%	11%	13%	13%
Tuniu	7.18	76%	931	669	(66%)	3%	31%	(23%)	(8%)	0%
Median		68%	\$10,342	\$9,938	28%	18%	22%	22%	22%	24%
Mean		65%	\$31,350	\$30,318	24%	16%	19%	16%	20%	23%



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
On-premise	Digital Media	 Enterprise Applications 	Entertainment
 Application Software 	Gaming	Gaming	Industrial
Healthcare IT	Content	Payments	Systems
Financial Tech	Platforms	Infrastructure	• Consumer
	Mike Lyon	Drew Pascarella	Jeff Bean
	(415) 722-3506	(917) 670-1097	(415) 746-9413
	mike@vistapointadvisors.com	drew@vistapointadvisors.com	jbean@vistapointadvisors.cor
	Jeffrey Koons	David Cho	Scott Austin
	(415) 993-1417	(415) 917-3042	(415) 404-9854
	jeff@vistapointadvisors.com	david@vistapointadvisors.com	scott@vistapointadvisors.con
ISTA POINT	Mike Greco	Thomas Lin	Miles Lacey
ADVISORS	(415) 917-3056	(415) 508-8113	(415) 917-3066
	mike.greco@vistapointadvisors.com	thomas@vistapointadvisors.com	miles@vistapointadvisors.con
555 Mission Street, Suite 2650	Tyler Jamison	Russell Perkins	Ryan Phipps
San Francisco, CA 94105	(415) 917-4120	(415) 993-0872	(415) 993-1565
	tyler@vistapointadvisors.com	russell@vistapointadvisors.com	ryan@vistapointadvisors.com
	Charlie Penner	Umar Mansuri	Chet Kristy
	(415) 964-1617	(415) 347-5704	(415) 686-1241

umar@vistapointadvisors.com

chet@vistapointadvisors.com

charlie@vistapointadvisors.com