

# Q3 2013 Financial Technology Market Snapshot

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# Signal Hill at a Glance

Signal Hill is a leading independent advisory boutique serving the M&A and private capital raising needs of growth companies. Signal Hill's experienced bankers provide deep domain expertise and an unyielding commitment to clients in our sectors: Internet & Digital Media, Internet Infrastructure, Services and Software. With over 600 completed transactions and offices in Baltimore, Bangalore, Boston, Nashville, New York, Reston and San Francisco, Signal Hill leverages deep strategic industry and financial sponsor relationships to help our clients achieve Greater Outcomes®.



## Recent Mergers & Acquisitions, Strategic Advisory Transactions

- Mergers & Acquisitions
- Equity Private Placements
- Restructurings
- Strategic Advisory
- Special Committee Advisory
- Fairness Opinions

 HAS BEEN ACQUIRED BY  OCTOBER 2013	 HAS BEEN ACQUIRED BY  SEPTEMBER 2013	 HAS BEEN ACQUIRED BY  SEPTEMBER 2013	 HAS BEEN ACQUIRED BY  AUGUST 2013	 HAS BEEN ACQUIRED BY  AUGUST 2013	 HAS BEEN ACQUIRED BY  AUGUST 2013	 HAS BEEN ACQUIRED BY  AUGUST 2013	 MINORITY RECAPITALIZATION BY  JULY 2013
 HAVE BEEN ACQUIRED BY  JULY 2013	 HAS BEEN ACQUIRED BY  JUNE 2013	 HAS RECEIVED EQUITY FUNDING FROM  JUNE 2013	 HAS BEEN ACQUIRED BY  JUNE 2013	 CERTAIN ASSETS HAVE BEEN ACQUIRED BY  MAY 2013	 HAS RECEIVED EQUITY FUNDING FROM  MARCH 2013	 HAS BEEN ACQUIRED BY  APRIL 2013	 HAS BEEN ACQUIRED BY  MARCH 2013
 HAS RECEIVED GROWTH EQUITY INVESTMENT FROM  MARCH 2013	 HAS BEEN ACQUIRED BY  MARCH 2013	 HAS RECEIVED GROWTH EQUITY INVESTMENT FROM  FEBRUARY 2013	 HAS BEEN ACQUIRED BY  FEBRUARY 2013	 HAS BEEN ACQUIRED BY  JANUARY 2013	 HAS BEEN ACQUIRED BY  JANUARY 2013	 HAS BEEN ACQUIRED BY  JANUARY 2013	 HAS BEEN ACQUIRED BY  DECEMBER 2012
 HAS BEEN ACQUIRED BY  DECEMBER 2012	 HAS RECEIVED GROWTH EQUITY INVESTMENT FROM   DECEMBER 2012	 RECEIVED A GROWTH INVESTMENT FROM  NOVEMBER 2012	 HAS BEEN ACQUIRED BY  NOVEMBER 2012	 HAS BEEN ACQUIRED BY  OCTOBER 2012	 HAS BEEN ACQUIRED BY  OCTOBER 2012	PRIVATE PLACEMENT  SEPTEMBER 2012	HAS BEEN ACQUIRED BY   OCTOBER 2012

# Signal Hill's Financial Technology Practice

 <p>EXPERIENCE E-COMMERCE 2.0</p>		 <p>LES-CONCIERGES</p>	 <p>SWITCHFLY™</p>	 <p>EXZAC Experience. Success through Knowledge.</p>		 <p>Experience More.</p>
HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	PRIVATE PLACEMENT	PRIVATE PLACEMENT	RECEIVED A STRATEGIC INVESTMENT FROM	PRIVATE PLACEMENT	HAS BEEN ACQUIRED BY INVESTOR GROUP THAT INCLUDES
 <p>MARCH 2013</p>	 <p>NOVEMBER 2012</p>		 <p>MARCH 2012</p>	 <p>JANUARY 2012</p>	 <p>JANUARY 2011</p>	 <p>JULY 2010</p>

 <p>A Pioneer in Digital Investigations Since 1987</p>			 <p>investor education</p>			
HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS MERGED WITH	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY
 <p>MAY 2009</p>	 <p>JANUARY 2009</p>	 <p>JULY 2007</p>	 <p>FEBRUARY 2007</p>	 <p>NOVEMBER 2006</p>	 <p>OCTOBER 2006</p>	 <p>SEPTEMBER 2006</p>

					
HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY	HAS BEEN ACQUIRED BY
 <p>JULY 2006</p>	 <p>SEPTEMBER 2005</p>	 <p>JUNE 2005</p>	 <p>APRIL 2005</p>	 <p>OCTOBER 2004</p>	 <p>JULY 2004</p>











# Q3 2013 Financial Technology M&A Overview

Metrics were up across the board in the Financial Technology sector in Q3 2013. Deal velocity increased more than 35 percent, up to 69 deals from 51, almost matching the peak of the LTM, Q4 2012's 71 deals. Total announced Enterprise Value (EV) also experienced a significant upswing of close to 18 percent, reaching almost \$5.27B. Median announced deal size and median revenue multiple matched this quarter's trend by also increasing significantly.

<i>Source: Signal Hill</i>	Q3 2012	Q4 2012	Q1 2013	Q2 2013	Q3 2013
Number of Deals	57	71	65	51	69
% change from prior quarter	-	24.6%	-8.5%	-21.5%	35.3%
Total Announced Enterprise Value (\$M)	\$1,820.0	\$3,331.0	\$4,401.7	\$4,474.8	\$5,267.7
% change from prior quarter	-	83.0%	32.1%	1.7%	17.7%
Median Announced Deal Size (\$M)	\$42.3	\$115.0	\$125.0	\$33.3	\$150.0
% change from prior quarter	-	171.9%	8.7%	-73.4%	350.5%
Median EV/TTM Revenue Multiple	3.1x	4.4x	2.1x	2.0x	3.2x
% change from prior quarter	-	41.9%	-53.4%	-4.8%	59.4%

# Notable Q3 2013 Financial Technology M&A Transactions

## Select Financial Technology Transactions, Q3 2013

	<p><b>Harland Financial Solutions Acquired by Davis + Henderson</b> EV: \$1,200.0M Revenue Multiple: 3.9x</p>	<p>Harland Financial Solutions, a leading provider of strategic technology, including lending and compliance, core banking and channel management technology solutions, has been acquired by Davis + Henderson (TSX: DH, DH.DB), a technology provider for North American banks. The deal will broaden D+H's online and mobile banking offerings, branch automation and commercial lending.</p>	
	<p><b>Intuit Financial Services Acquired by Thoma Bravo</b> EV: \$1,025.0M Revenue Multiple: 3.4x</p>	<p>Intuit Financial Services, a division of Intuit, Inc., has been acquired by Thoma Bravo, a leading middle-market private equity firm. As a result of the acquisition, a stand-alone company with a familiar name, Digital Insight, will be formed. Digital Insight was originally purchased by Intuit in February 2007, and is now once again an independent company. Digital Insight provides digital banking and payments capabilities to financial institutions.</p>	
	<p><b>Braintree Payment Solutions Acquired by PayPal</b> EV: \$800.0M</p>	<p>Braintree Payment Solutions, an innovative global payment platform that powers the next generation of leading online and mobile-first startups, has been acquired by PayPal, owned by eBay (NASDAQ: EBAY). Braintree will add complementary talent and technology to PayPal, accelerating the company's global leadership in mobile payments.</p>	
	<p><b>Skrill Acquired by CVC Capital Partners</b> EV: \$797.0M Revenue Multiple: 3.0x</p>	<p>Skrill, one of Europe's largest online payment systems and one of the world's largest independent digital wallet providers, has been acquired by CVC Capital Partners, a leading private equity and investment advisory firm. CVC is acquiring a controlling stake in Skrill from a consortium of investors led by Investcorp.</p>	
	<p><b>Official Payments Holdings to be Acquired by ACI Worldwide</b> EV: \$109.0M Revenue Multiple: 0.8x</p>	<p>Official Payments Holdings (NASDAQ: OPAY), a leading provider of electronic bill payment solutions, has entered into a definitive agreement to be acquired by ACI Worldwide (NASDAQ: ACIW), a leading international provider of payment systems. The acquisition will expand ACI's leadership in the electronic bill presentment and payment (EBPP) space and enhance the company's portfolio across federal, state and local governments, municipal utilities, higher education institutions and charitable giving organizations.</p>	

# Q3 2013 Financial Technology M&A Transactions

Date Announced	Seller	Buyer	Enterprise Value	Revenues	EBITDA	Enterprise Value Revenue	EBITDA
26-Sep-13	Braintree Payment Solutions, LLC	ebay (PayPal)	\$800.0	-	-	NA	NA
25-Sep-13	Merchant Transact / Assets and IP	Springbrook Software Inc.	-	-	-	NA	NA
25-Sep-13	Century Payments Inc.	WorldPay	-	\$206.4	-	NA	NA
24-Sep-13	EuroTLX SIM	Borsa Italiana	-	-	-	NA	NA
24-Sep-13	Currensee	OANDA	-	-	-	NA	NA
23-Sep-13	Temenos SA / ActiveBank business	Third Financial Software Ltd.	-	-	-	NA	NA
23-Sep-13	Faros Trading (majority stake)	FXCM	-	-	-	NA	NA
23-Sep-13	Official Payments Holdings, Inc.	ACI Worldwide, Inc.	\$109.0	\$140.8	\$5.0	0.8x	21.8x
20-Sep-13	PayLife Bank GmbH	SIX Group Ltd.	-	-	-	NA	NA
19-Sep-13	PayPartners, Inc.	TransCard, LLC	-	-	-	NA	NA
19-Sep-13	Centauris Solutions	Intrix Technologies	-	-	-	NA	NA
17-Sep-13	Six Sigma Services, Inc. / Assets	SinglePoint, Inc.	-	-	-	NA	NA
16-Sep-13	Mapflow	LexisNexis Risk Solutions	-	-	-	NA	NA
16-Sep-13	Vivere (majority stake)	Accenture Ltd.	-	-	-	NA	NA
16-Sep-13	QWeMA	CANNEX	-	-	-	NA	NA
16-Sep-13	Portfolio Director	Scivantage	-	-	-	NA	NA
12-Sep-13	BondDesk	Tradeweb	-	-	-	NA	NA
12-Sep-13	Sormelle Ltd.	Weather Lottery plc, The	\$0.7	-	-	NA	NA
12-Sep-13	PaymentLink	Wirecard	\$41.4	-	\$2.4	NA	17.3x
11-Sep-13	BluePay Processing LLC / 51% Stake	TA Associates	-	-	-	NA	NA
10-Sep-13	VB Servicos, Comercio e Administracao LTDA	FleetCor Technologies, Inc.	-	-	-	NA	NA
10-Sep-13	DB Trans S.A.	FleetCor Technologies, Inc.	-	-	-	NA	NA
06-Sep-13	Red Moon Solutions LLC / Fixed Assets Manager	Wolters Kluwer Financial Services	-	-	-	NA	NA
5-Sep-13	Revere Data	FactSet	-	-	-	NA	NA
05-Sep-13	Mitchell International, Inc. / 51% Stake	Kohlberg Kravis Roberts & Co. L.P.	-	-	-	NA	NA
3-Sep-13	Canvisa Consulting	Tieto	-	-	-	NA	NA

# Q3 2013 Financial Technology M&A Transactions

Date Announced	Seller	Buyer	Enterprise Value	Revenues	EBITDA	Enterprise Value Revenue	EBITDA
02-Sep-13	Maksekeskus AS / 51% Stake	Estonian Post Ltd.	-	-	-	NA	NA
28-Aug-13	Paymetric (majority stake)	Francisco Partners	-	-	-	NA	NA
23-Aug-13	Omnesys Technologies / 51% Stake	Thomson Reuters Corporation	-	-	-	NA	NA
22-Aug-13	loanDepot (merger)	imortgage	-	-	-	NA	NA
22-Aug-13	Beagle Finance Pts Limited	Finsure Finance and Insurance Pty Ltd.	-	\$1.0	-	NA	NA
21-Aug-13	Equator	Altisource Portfolio Solutions	\$150.0	-	-	NA	NA
21-Aug-13	US Data Capture Inc.	Charge Payment LLC	-	-	-	NA	NA
20-Aug-13	Sterci SA	Bottomline Technologies, Inc.	\$120.2	-	-	NA	NA
20-Aug-13	Simplex GTP	Bottomline Technologies, Inc.	\$5.4	-	-	NA	NA
19-Aug-13	Skrill Ltd.	CVC Capital Partners Limited	\$797.0	\$264.3	\$66.1	3.0x	12.1x
08-Aug-13	OnSharp / SmartPay assets	CardConnect	-	-	-	NA	NA
08-Aug-13	Perceptech	ACCEO Solutions	-	-	-	NA	NA
6-Aug-13	Asset Control	Marlin Equity Partners	-	-	-	NA	NA
05-Aug-13	ProfitPoint Inc.	Clutch Holdings LLC	-	-	-	NA	NA
1-Aug-13	PayDivvy	Higher One	-	-	-	NA	NA
31-Jul-13	Nexxo	MoneyGram	-	-	-	NA	NA
25-Jul-13	Element Payment Services	Vantiv, Inc.	-	-	-	NA	NA
24-Jul-13	Omgeo	DTCC	-	-	-	NA	NA
24-Jul-13	MerchantOS, Inc.	LightSpeed Retail Inc.	-	-	-	NA	NA
23-Jul-13	Gain Capital Securities	TradeKing	-	-	-	NA	NA
23-Jul-13	Harland Financial Solutions	Davis + Henderson	\$1,200.0	\$307.7	\$104.3	3.9x	11.5x
19-Jul-13	IntelliFlo (majority stake)	HGCapital	-	-	-	NA	NA
19-Jul-13	SmartStream (SVENSON)	Wolters Kluwer Financial Services	-	-	-	NA	NA
19-Jul-13	On Point Executions	Dash Financial	-	-	-	NA	NA
18-Jul-13	Bank of America (Flood Zone Determination and Property Tax Processing Assets and Operations)	CoreLogic, Inc.	-	-	-	NA	NA



# Q3 2013 Financial Technology M&A Transactions

Date Announced	Seller	Buyer	Enterprise Value	Revenues	EBITDA	Enterprise Value Revenue	EBITDA
18-Jul-13	Solution Services	Aite Group	-	-	-	NA	NA
18-Jul-13	Discovery Data	Ipreo	-	-	-	NA	NA
18-Jul-13	Thomson Reuters/ PPC Business Valuation Specialist	MoneySoft, Inc.	-	-	-	NA	NA
17-Jul-13	REDI (majority equity interest)	BofA Merrill Lynch, Barclays, BNP Paribas, Citadel and Lightyear	-	-	-	NA	NA
16-Jul-13	Spredly, Inc. / technology and customer base	Southern Payment Systems Pty Ltd	-	-	-	NA	NA
15-Jul-13	Mortgage Cadence, LLC	Accenture Ltd.	-	-	-	NA	NA
12-Jul-13	24GMedia	txtNation	-	-	-	NA	NA
12-Jul-13	Globex Financial Services, Inc.	TIO Networks Corp.	\$8.0	\$10.0	-	0.8x	NA
8-Jul-13	Latino Services	MoneyGram	-	-	-	NA	NA
03-Jul-13	Quickpay	Net Element, Inc.	-	-	-	NA	NA
2-Jul-13	Tradeweb (ForEx Options Bus.)	Thomson Reuters	-	-	-	NA	NA
2-Jul-13	ecoATM	Outerwall	\$350.0	-	-	NA	NA
2-Jul-13	Ambrose	TriNet	-	-	-	NA	NA
1-Jul-13	E2E Infotech	CameronTec	-	-	-	NA	NA
1-Jul-13	Marshall & Swift/Boeckh	CoreLogic, Inc.	-	-	-	NA	NA
1-Jul-13	DataQuick Information Systems	CoreLogic, Inc.	-	-	-	NA	NA
01-Jul-13	Decision Insight Information Grp/real estate data	CoreLogic Systems, Inc	\$661.0	\$111.0	\$54.0	6.0x	12.2x
01-Jul-13	Intuit, Inc. / IFS division	Thoma Bravo LLC	\$1,025.0	\$305.0	-	3.4x	NA

# Q3 2013 Financial Technology Public Company Valuation Metrics

## Summary Data

Market data as of 9/30/13  Median Metrics, except where noted	% of 52 week high	Equity Value <sup>1</sup> (\$ in mm)	Enterprise Value <sup>1</sup> (\$ in mm)	Enterprise Value as a Multiple of:						Y/Y Revenue Growth 12A-'13E	EBITDA Margin 2013E
				Revenue			EBITDA				
				LTM	2013E	2014E	LTM	2013E	2014E		
<b>Risk Management</b>	96%	58,382	65,071	4.3x	4.2x	3.9x	12.2x	11.8x	11.2x	8%	32%
<b>Payment Processing</b>	97%	94,312	128,628	2.4x	2.4x	2.2x	10.1x	10.5x	8.9x	11%	25%
<b>Software and Services</b>	97%	66,459	78,113	3.3x	3.1x	2.9x	12.7x	11.1x	10.1x	8%	27%

Source: Signal Hill

<sup>1</sup>Represents aggregate metrics of selected FinTech companies

## Select U.S. and International Public Companies

Company Name	Price 9/30/13	% of 52 Week Hi	Equity Value	Enterprise Value	12 - '13E Rev Growth	13E EBITDA Margin	TEV/Revenue			TEV/EBITDA			Price / Earnings		
							LTM	CY13E	CY14E	LTM	CY13E	CY14E	LTM	CY13E	CY14E
<b>Risk Management</b>															
CoreLogic, Inc.	\$27.05	91.7%	\$2,629	\$3,219	1.8%	29.1%	2.6x	2.0x	2.0x	6.8x	6.9x	7.0x	14.9x	15.0x	14.9x
							\$1,234	\$1,604	\$1,591	\$474	\$467	\$457	\$1.82	\$1.80	\$1.81
Equifax Inc.	\$59.85	91.2%	\$7,397	\$8,822	7.2%	34.7%	3.9x	3.8x	3.6x	11.8x	11.0x	10.3x	18.0x	16.6x	15.2x
							\$2,256	\$2,317	\$2,464	\$749	\$804	\$860	\$3.32	\$3.60	\$3.94
Experian PLC	\$19.06	95.0%	\$19,232	\$22,277	4.2%	21.1%	4.7x	4.5x	4.3x	13.2x	13.5x	12.4x	22.4x	21.2x	19.3x
							\$4,713	\$4,909	\$5,236	\$1,682	\$1,653	\$1,791	\$0.85	\$0.90	\$0.99
Fair Isaac Corporation	\$55.28	99.1%	\$2,011	\$2,403	10.2%	26.6%	3.3x	3.1x	3.0x	12.4x	11.7x	11.5x	21.4x	18.8x	15.9x
							\$739	\$771	\$804	\$194	\$205	\$210	\$2.58	\$2.94	\$3.47
Moody's Corporation	\$70.33	98.0%	\$15,909	\$15,951	8.6%	45.5%	5.4x	5.4x	5.0x	12.1x	11.8x	10.9x	20.3x	19.6x	17.9x
							\$2,931	\$2,964	\$3,167	\$1,319	\$1,349	\$1,463	\$3.47	\$3.59	\$3.92
Verisk Analytics, Inc. Class A	\$64.96	97.3%	\$11,204	\$12,400	12.5%	45.1%	7.6x	7.2x	6.6x	16.8x	15.9x	14.5x	28.9x	28.2x	25.2x
							\$1,639	\$1,726	\$1,875	\$739	\$778	\$855	\$2.25	\$2.30	\$2.58
<b>Min</b>			<b>\$2,011</b>	<b>\$2,403</b>	<b>1.8%</b>	<b>21.1%</b>	<b>2.6x</b>	<b>2.0x</b>	<b>2.0x</b>	<b>6.8x</b>	<b>6.9x</b>	<b>7.0x</b>	<b>14.9x</b>	<b>15.0x</b>	<b>14.9x</b>
<b>Mean</b>			<b>\$9,730</b>	<b>\$10,845</b>	<b>7.4%</b>	<b>33.7%</b>	<b>4.6x</b>	<b>4.3x</b>	<b>4.1x</b>	<b>12.2x</b>	<b>11.8x</b>	<b>11.1x</b>	<b>21.0x</b>	<b>19.9x</b>	<b>18.1x</b>
<b>Median</b>			<b>\$9,300</b>	<b>\$10,611</b>	<b>7.9%</b>	<b>31.9%</b>	<b>4.3x</b>	<b>4.2x</b>	<b>3.9x</b>	<b>12.2x</b>	<b>11.8x</b>	<b>11.2x</b>	<b>20.8x</b>	<b>19.2x</b>	<b>16.9x</b>
<b>Max</b>			<b>\$19,232</b>	<b>\$22,277</b>	<b>12.5%</b>	<b>45.5%</b>	<b>7.6x</b>	<b>7.2x</b>	<b>6.6x</b>	<b>16.8x</b>	<b>15.9x</b>	<b>14.5x</b>	<b>28.9x</b>	<b>28.2x</b>	<b>25.2x</b>

# Q3 2013 Financial Technology Public Company Valuation Metrics

## Select U.S. and International Public Companies

(\$ in Millions, except per share data) Company Name	Market Data		Equity Value	Enterprise Value	12 - '13E Rev Growth	13E EBITDA Margin	TEV / Revenue			TEV / EBITDA			Price / Earnings		
	Price 9/30/13	% of 52 Week Hi					LTM			CY13E			CY14E		
							LTM	CY13E	CY14E	LTM	CY13E	CY14E	LTM	CY13E	CY14E
<b>Payment Processing</b>															
Alliance Data Systems Corporation	\$211.47	96.1%	\$14,415	\$22,280	17.7%	31.8%	5.6x	5.2x	4.8x	17.3x	16.4x	14.9x	23.1x	21.2x	17.5x
							\$3,964	\$4,284	\$4,679	\$1,291	\$1,360	\$1,492	\$9.17	\$9.96	\$12.06
American Express Company	\$75.52	96.0%	\$82,845	\$115,529	4.2%	NA	4.8x	3.5x	3.3x	NM	NM	NM	21.9x	15.5x	14.1x
							\$24,248	\$32,909	\$34,729	NM	NA	NA	\$3.45	\$4.86	\$5.34
Cardtronics, Inc.	\$37.11	97.2%	\$1,656	\$1,965	11.4%	25.0%	2.4x	2.3x	2.0x	9.7x	9.0x	8.0x	21.5x	19.8x	16.6x
							\$803	\$869	\$994	\$202	\$218	\$247	\$1.73	\$1.87	\$2.23
Euronet Worldwide, Inc.	\$39.88	99.7%	\$2,055	\$2,105	11.7%	13.5%	1.6x	1.5x	1.4x	13.6x	11.0x	9.7x	22.8x	20.3x	17.6x
							\$1,345	\$1,416	\$1,533	\$155	\$191	\$216	\$1.75	\$1.96	\$2.26
Global Cash Access Holdings, Inc.	\$7.81	94.4%	\$523	\$570	-0.3%	12.3%	1.0x	1.0x	.9x	7.7x	7.9x	7.6x	9.8x	10.0x	9.1x
							\$582	\$583	\$600	\$74	\$72	\$75	\$0.80	\$0.78	\$0.86
Global Payments Inc.	\$51.08	99.3%	\$3,795	\$4,608	6.5%	21.2%	1.9x	1.9x	1.7x	8.8x	8.8x	8.3x	13.5x	13.2x	12.0x
							\$2,416	\$2,470	\$2,635	\$521	\$525	\$556	\$3.78	\$3.87	\$4.26
Green Dot Corporation Class A	\$26.33	99.0%	\$1,097	\$638	4.9%	18.3%	1.1x	1.1x	1.0x	5.6x	6.1x	5.2x	19.5x	22.3x	19.1x
							\$566	\$573	\$608	\$114	\$105	\$122	\$1.35	\$1.18	\$1.38
Heartland Payment Systems, Inc.	\$39.72	98.4%	\$1,524	\$1,632	11.3%	24.9%	2.8x	2.7x	2.5x	11.7x	10.9x	9.2x	23.6x	20.3x	17.6x
							\$576	\$605	\$646	\$140	\$150	\$178	\$1.68	\$1.96	\$2.26
Higher One Holdings, Inc.	\$7.67	55.9%	\$371	\$485	2.3%	23.7%	2.4x	2.4x	2.2x	8.1x	10.1x	8.6x	12.4x	15.0x	12.4x
							\$198	\$202	\$224	\$60	\$48	\$56	\$0.62	\$0.51	\$0.62
MasterCard Incorporated Class A	\$672.78	96.8%	\$82,079	\$75,436	11.8%	58.9%	9.7x	9.1x	8.2x	16.6x	15.5x	13.6x	27.8x	25.8x	21.9x
							\$7,815	\$8,261	\$9,248	\$4,541	\$4,864	\$5,558	\$24.22	\$26.12	\$30.69
MoneyGram International, Inc.	\$19.58	78.7%	\$1,406	\$2,308	9.0%	19.6%	1.7x	1.6x	1.5x	8.2x	8.0x	7.5x	17.2x	15.8x	13.3x
							\$1,399	\$1,462	\$1,576	\$283	\$287	\$309	\$1.14	\$1.24	\$1.47
Total System Services, Inc.	\$29.42	98.1%	\$5,535	\$5,536	14.9%	29.2%	2.9x	2.6x	2.2x	10.4x	8.8x	7.2x	21.8x	17.3x	14.9x
							\$1,890	\$2,149	\$2,553	\$530	\$628	\$766	\$1.35	\$1.70	\$1.97
Vantiv, Inc. Class A	\$27.94	97.4%	\$5,809	\$7,657	16.3%	50.4%	7.0x	6.4x	5.7x	13.9x	12.8x	11.3x	20.0x	17.7x	15.4x
							\$1,099	\$1,190	\$1,333	\$552	\$600	\$678	\$1.40	\$1.58	\$1.81
VeriFone Systems, Inc.	\$22.86	63.3%	\$2,483	\$3,326	-7.7%	17.8%	1.9x	1.9x	1.8x	8.5x	10.9x	10.4x	11.8x	15.8x	14.1x
							\$1,765	\$1,711	\$1,808	\$393	\$304	\$321	\$1.93	\$1.45	\$1.62
Visa Inc. Class A	\$191.10	95.1%	\$149,449	\$145,235	13.0%	64.6%	12.6x	11.9x	10.7x	19.7x	18.5x	16.3x	26.3x	24.1x	20.5x
							\$11,536	\$12,161	\$13,545	\$7,390	\$7,858	\$8,899	\$7.27	\$7.92	\$9.30
The Western Union Company	\$18.66	97.6%	\$10,418	\$11,717	-2.2%	25.1%	2.1x	2.1x	2.1x	7.8x	8.4x	7.9x	11.6x	13.0x	11.7x
							\$5,558	\$5,541	\$5,708	\$1,500	\$1,389	\$1,474	\$1.61	\$1.44	\$1.60
WEX Inc.	\$87.75	95.5%	\$3,439	\$3,852	15.3%	45.7%	5.7x	5.4x	4.9x	13.0x	11.7x	10.5x	21.0x	20.3x	17.6x
							\$674	\$719	\$789	\$297	\$329	\$365	\$4.18	\$4.33	\$4.99

<b>Min</b>	<b>\$371</b>	<b>\$485</b>	<b>-7.7%</b>	<b>12.3%</b>	<b>1.0x</b>	<b>1.0x</b>	<b>0.9x</b>	<b>5.6x</b>	<b>6.1x</b>	<b>5.2x</b>	<b>9.8x</b>	<b>10.0x</b>	<b>9.1x</b>
<b>Mean</b>	<b>\$21,700</b>	<b>\$23,816</b>	<b>8.2%</b>	<b>30.1%</b>	<b>4.0x</b>	<b>3.7x</b>	<b>3.3x</b>	<b>11.3x</b>	<b>10.9x</b>	<b>9.8x</b>	<b>19.1x</b>	<b>18.1x</b>	<b>15.6x</b>
<b>Median</b>	<b>\$3,439</b>	<b>\$3,852</b>	<b>11.3%</b>	<b>25.0%</b>	<b>2.4x</b>	<b>2.4x</b>	<b>2.2x</b>	<b>10.1x</b>	<b>10.5x</b>	<b>8.9x</b>	<b>21.0x</b>	<b>17.7x</b>	<b>15.4x</b>
<b>Max</b>	<b>\$149,449</b>	<b>\$145,235</b>	<b>17.7%</b>	<b>64.6%</b>	<b>12.6x</b>	<b>11.9x</b>	<b>10.7x</b>	<b>19.7x</b>	<b>18.5x</b>	<b>16.3x</b>	<b>27.8x</b>	<b>25.8x</b>	<b>21.9x</b>

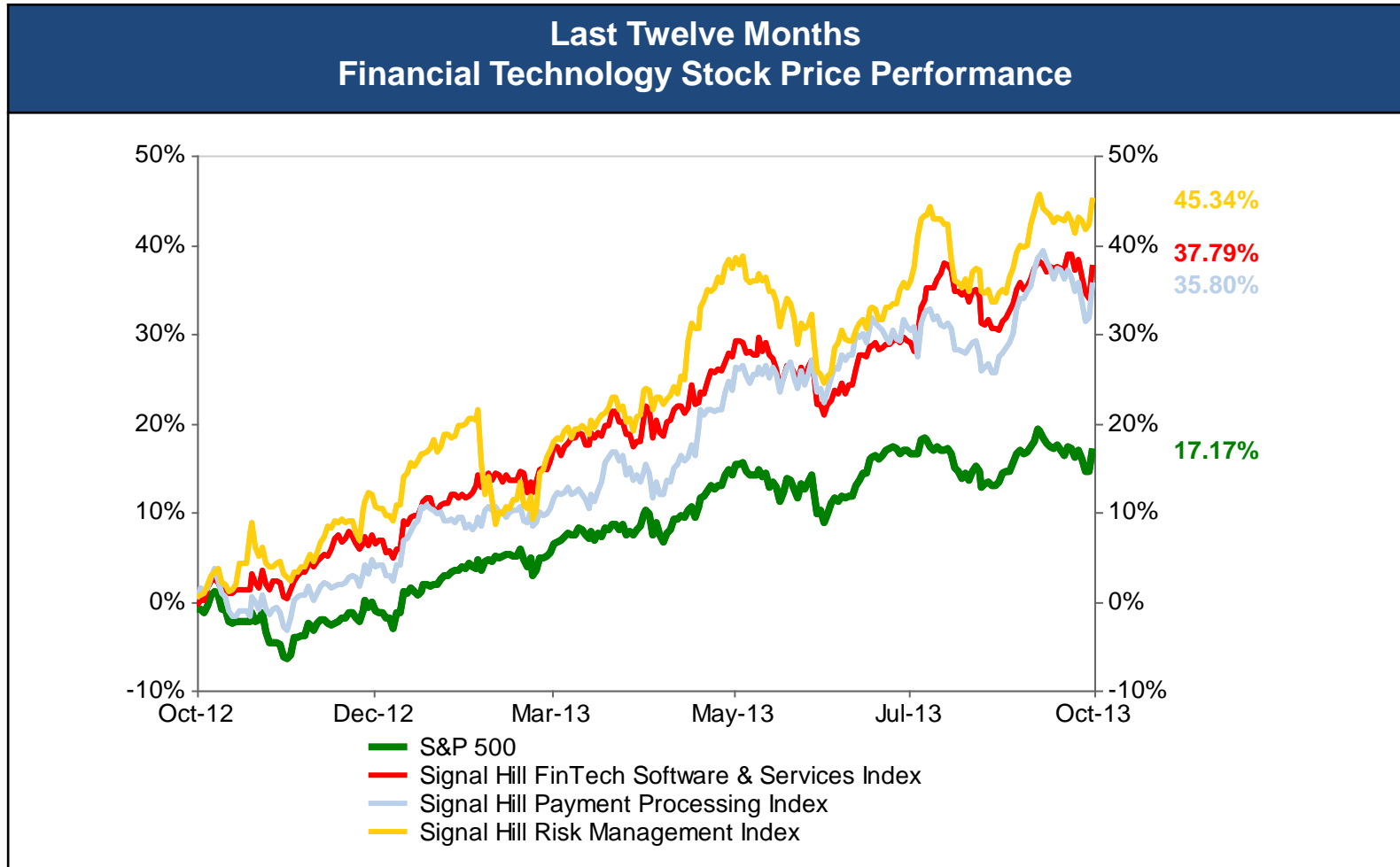
# Q3 2013 Financial Technology Public Company Valuation Metrics

## Select U.S. and International Public Companies

(\$ in Millions, except per share data) Company Name	Market Data		Equity Value	Enterprise Value	12 - '13E Rev Growth	13E EBITDA Margin	TEV / Revenue			TEV / EBITDA			Price / Earnings		
	Price 9/30/13	% of 52 Week Hi					LTM	CY13E	CY14E	LTM	CY13E	CY14E	LTM	CY13E	CY14E
<b>Software and Services</b>															
ACI Worldwide, Inc.	\$54.06	98.9%	\$2,189	\$2,743	16.2%	27.9%	3.7x	3.2x	2.9x	27.0x	11.3x	9.4x	39.2x	26.6x	19.4x
							\$747	\$868	\$952	\$102	\$242	\$293	\$1.38	\$2.03	\$2.78
Advent Software, Inc.	\$31.75	87.7%	\$1,640	\$1,470	5.6%	27.0%	4.0x	3.9x	3.7x	19.8x	14.4x	11.6x	25.4x	25.4x	23.5x
							\$371	\$379	\$402	\$74	\$102	\$127	\$1.25	\$1.25	\$1.35
Bottomline Technologies (de), Inc.	\$27.88	89.1%	\$1,002	\$848	14.9%	18.9%	3.3x	3.1x	2.7x	17.1x	16.3x	13.8x	22.0x	24.0x	21.8x
							\$255	\$276	\$314	\$50	\$52	\$62	\$1.27	\$1.16	\$1.28
Broadridge Financial Solutions, Inc.	\$31.75	99.4%	\$3,921	\$4,179	5.4%	19.4%	1.7x	1.7x	NA	11.9x	8.7x	7.9x	16.8x	16.1x	14.8x
							\$2,431	\$2,472	\$2,567	\$351	\$478	\$527	\$1.89	\$1.97	\$2.15
Capita plc	\$16.13	98.4%	\$10,597	\$12,968	13.2%	9.6%	2.1x	2.1x	1.9x	14.7x	13.7x	12.5x	18.5x	17.9x	16.3x
							\$6,105	\$6,169	\$6,741	\$885	\$944	\$1,035	\$0.87	\$0.90	\$0.99
DST Systems, Inc.	\$75.41	97.8%	\$3,356	\$4,128	3.4%	22.7%	2.1x	2.1x	2.1x	9.5x	9.3x	8.7x	18.0x	17.1x	15.0x
							\$1,931	\$1,956	\$1,992	\$433	\$445	\$473	\$4.18	\$4.40	\$5.04
Ebix, Inc.	\$9.94	40.8%	\$386	\$421	3.9%	39.2%	2.0x	2.0x	NA	4.6x	5.2x	4.9x	5.7x	6.6x	NA
							\$211	\$207	\$216	\$92	\$81	\$86	\$1.74	\$1.50	\$1.64
Fidelity National Information Services, Inc.	\$46.44	97.3%	\$13,667	\$17,894	4.5%	30.5%	3.0x	2.9x	2.8x	10.0x	9.7x	9.1x	17.6x	16.5x	14.8x
							\$5,928	\$6,071	\$6,371	\$1,790	\$1,854	\$1,968	\$2.64	\$2.82	\$3.13
Fidessa group plc	\$32.19	91.4%	\$1,230	\$1,154	-1.3%	15.1%	2.6x	2.6x	2.5x	12.9x	10.7x	10.1x	24.4x	24.8x	23.2x
							\$452	\$447	\$466	\$89	\$108	\$114	\$1.32	\$1.30	\$1.39
Fiserv, Inc.	\$101.05	97.9%	\$13,571	\$17,204	8.0%	33.0%	3.7x	3.6x	3.4x	11.5x	10.8x	10.1x	18.4x	16.9x	15.2x
							\$4,624	\$4,842	\$5,073	\$1,495	\$1,598	\$1,698	\$5.49	\$5.99	\$6.66
Jack Henry & Associates, Inc.	\$51.66	98.6%	\$4,470	\$4,357	9.5%	33.4%	3.9x	3.7x	3.4x	11.5x	11.1x	10.3x	24.1x	23.2x	21.3x
							\$1,130	\$1,177	\$1,273	\$378	\$393	\$422	\$2.14	\$2.23	\$2.43
Linedata Services SA	\$29.48	94.0%	\$263	\$305	15.6%	17.9%	1.6x	1.4x	1.3x	6.8x	5.7x	5.5x	12.0x	11.5x	10.6x
							\$190	\$219	\$231	\$45	\$53	\$55	\$2.45	\$2.57	\$2.77
SEI Investments Company	\$30.91	94.7%	\$5,442	\$4,928	12.0%	35.4%	4.6x	4.4x	4.0x	12.7x	12.5x	10.5x	25.1x	22.7x	18.5x
							\$1,061	\$1,112	\$1,217	\$387	\$394	\$468	\$1.23	\$1.36	\$1.67
SimCorp A/S	\$33.67	98.7%	\$1,476	\$1,417	13.2%	22.0%	4.8x	4.5x	4.0x	19.0x	17.8x	15.2x	28.8x	22.2x	21.2x
							\$293	\$312	\$352	\$75	\$79	\$94	\$1.17	\$1.52	\$1.59
SS&C Technologies, Inc.	\$38.10	95.4%	\$3,249	\$4,097	30.4%	40.7%	6.0x	5.7x	5.3x	14.8x	14.0x	12.7x	21.9x	19.5x	17.6x
							\$688	\$720	\$779	\$277	\$293	\$322	\$1.74	\$1.95	\$2.17
StatPro Group plc	\$1.33	73.2%	\$90	\$85	0.4%	10.0%	1.6x	1.6x	1.6x	7.8x	10.2x	9.2x	13.3x	19.0x	16.6x
							\$52	\$52	\$54	\$11	\$8	\$9	\$0.10	\$0.07	\$0.08
Temenos Group AG	\$24.61	87.7%	\$1,772	\$1,919	5.5%	27.1%	4.2x	4.0x	3.8x	15.3x	13.6x	11.8x	21.4x	21.4x	18.2x
							\$458	\$475	\$511	\$125	\$142	\$163	\$1.15	\$1.15	\$1.35

<b>Min</b>	<b>\$90</b>	<b>\$85</b>	<b>-1.3%</b>	<b>9.6%</b>	<b>1.6x</b>	<b>1.4x</b>	<b>1.3x</b>	<b>4.6x</b>	<b>5.2x</b>	<b>4.9x</b>	<b>5.7x</b>	<b>6.6x</b>	<b>10.6x</b>
<b>Mean</b>	<b>\$4,019</b>	<b>\$4,713</b>	<b>9.4%</b>	<b>25.3%</b>	<b>3.2x</b>	<b>3.1x</b>	<b>3.0x</b>	<b>13.4x</b>	<b>11.5x</b>	<b>10.2x</b>	<b>20.7x</b>	<b>19.5x</b>	<b>18.0x</b>
<b>Median</b>	<b>\$2,189</b>	<b>\$2,743</b>	<b>8.0%</b>	<b>27.0%</b>	<b>3.3x</b>	<b>3.1x</b>	<b>2.9x</b>	<b>12.7x</b>	<b>11.1x</b>	<b>10.1x</b>	<b>21.4x</b>	<b>19.5x</b>	<b>17.9x</b>
<b>Max</b>	<b>\$13,667</b>	<b>\$17,894</b>	<b>30.4%</b>	<b>40.7%</b>	<b>6.0x</b>	<b>5.7x</b>	<b>5.3x</b>	<b>27.0x</b>	<b>17.8x</b>	<b>15.2x</b>	<b>39.2x</b>	<b>26.6x</b>	<b>23.5x</b>

# LTM Relative Financial Technology Stock Price Performance



# Select Q3 2013 Financial Technology Financing Activity

Target	Investor(s)	Subsector	Amount Raised (\$M)
Carta Solutions	Difference Capital Financial	Payment Processing	\$2 million
Azimo	eVentures	Payment Processing	\$1 million
mo9	Bertelsmann Asia Investment Fund, Sequoia Capital	Payment Processing	NA
Plaid	Spark Capital, Felicis Ventures, Google Ventures, Homebrew, New Enterprise Associates	Software and Services	\$2.8 million
Ebury Partners	Envestors	Risk Management	\$5.6 million
Buttercoin	Centralway	Capital Markets	\$0.3 million
OpenExchange	Ipreo	Software and Services	\$6 million
LYDIA	NA	Payment Processing	\$0.8 million
Wipit	Core Innovation Capital	Payment Processing	NA
Calastone	Accel Partners, Octopus Ventures	Capital Markets	\$18 million
Paydiant	General Catalyst Partners, North Bridge Venture Partners, StageOne	Payment Processing	\$15 million
Yoyo	Imperial Innovations Group	Payment Processing	\$1.2 million
ACE Group	NYSE Euronext	Capital Markets	NA
Driveway Software	IMI VC, Altair, Kernel Capital	Risk Management	NA
Cobis Systems	Darby Private Equity	Software and Services	NA
Credorax	FTV Capital	Payment Processing	\$40 million
Trusted Insight	500 Startups, Data Collective, Entrepreneurs Fund, Founders Fund, Initialized Capital, Lauder Partners, Real Ventures, RRE Ventures	Capital Markets	NA
Lendio	Runa Capital, Highway 12 Ventures, Tribeca Venture Partners	Software and Services	\$4.5 million
Blue Cod Technologies	Edison Ventures	Software and Services	NA
Finivation	Co-op Network	Software and Services	NA
YellowPepper	Latin Idea Ventures, International Finance Corporation	Software and Services	\$15 million
JetPay	Flexpoint Ford	Payment Processing	\$40 million
Powa Technologies	NA	Payment Processing	\$76 million
Buttercoin	Floodgate, Google Ventures, Initialized Capital, Y Combinator	Capital Markets	\$1 million
Wallmob	NA	Point of Sale	\$1.2 million
Zipmark	NA	Payment Processing	\$1.5 million
WealthForge	CIT GAP Funds	Capital Markets	NA
LendKey	Update Partners, TTV Capital, Draper Fisher Jurvetson	Software and Services	\$12.5 million
ERN	NA	Payment Processing	\$1 million

# Select Q3 2013 Financial Technology Financing Activity

Target	Investor(s)	Subsector	Amount Raised (\$M)
PAYZE	Douglas Wicks	Payment Processing	NA
Chirpify	Saturn Partners, Provenance Ventures	Payment Processing	\$4 million
Signal Data	Atlas Ventures	Software and Services	\$2 million
AcceptPay	Tandem Capital	Payment Processing	NA
iBoxPay	Atomic Ventures, GSR Ventures, SMIT	Payment Processing	\$10 million
EquaMetrics	NA	Capital Markets	\$4.5 million
FTRANS	TTV Capital, Greenhill SAVP, New Atlantic Ventures	Payment Processing	\$2.1 million
Context Relevant	Bloomberg Beta, Madrona Venture Group, Vulcan Capital	Software and Services	\$7 million
judoPay	NA	Payment Processing	\$5 million
Cashcloud	NA	Payment Processing	NA
SafetyPay	International Finance Corporation	Payment Processing	\$7 million
Riskified	Entrée Capital, Formation 8, Founder Collective, Genesis Partners, T5 Ccapital, The Accelerator Group	Risk Management	\$1.65 million
SumUp	BBVA Ventures	Payment Processing	NA
Sequent Software	SBT Venture Capital, Jado Investments, Oprus Capital Group	Software and Services	\$12 million
Payveris	Ironwood Capital, Connecticut Innovations	Payment Processing	\$5.2 million



Baltimore | Bangalore | Boston | Nashville | New York | Reston | San Francisco