

# Financial BPO / IT Services Market Analysis

# FINANCIAL TECHNOLOGY PARTNERS

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### FT Partners - Focused Exclusively on FinTech

#### **Overview of FT Partners**



- Financial Technology Partners ("FT Partners") was founded in 2001 and is the only investment banking firm focused exclusively on FinTech
- FT Partners regularly publishes research highlighting the most important transactions, trends and insights impacting the global Financial Technology landscape. Our unique insight into FinTech is a direct result of executing hundreds of transactions in the sector combined with over 15 years of exclusive focus on Financial Technology

#### FT Partners' Advisory Capabilities



#### FT Partners' FinTech Industry Research





Named Silicon Valley's #1 FinTech Banker (2016) and ranked #2 Overall by The Information



Ranked #4 Most Influential Person in all of FinTech in Institution Investors "FinTech Finance 35"



Numerous Awards for Transaction Excellence including "Deal of the Decade"





### FT Partners - Focused Exclusively on FinTech

#### Selected FT Partners Transactions



















# Financial BPO / IT Services Market Analysis



### Significant Experience Advising Large Financing Rounds and "Unicorns"

FT Partners has a history of advising on some of the largest financing transactions in the FinTech space

Representing numerous FinTech "Unicorns" above \$1 billion valuations

Company	Amount Raised
MERCURY°	\$420,000,000+
<b>GreenSky</b> ™	300,000,000+
<b>∑</b> avidxchange	253,000,000
liquidnet.~~~	250,000,000
square trade protection	238,000,000
nmi	150,000,000+
<b>Kabbage</b>	135,000,000
Tradingscreen SIMPLIFYING GLOBAL MARKETS*	110,000,000+
O YAPSTONE	110,000,000
CHROMERIVER	100,000,000
Credit Karma	85,000,000
earnest	75,000,000
<b>taulia</b>	65,000,000

#### Selected Prominent Investors in FT **Partners Led Rounds**











































ING (A)







khosla ventures

QUESTMARK PARTNERS







# Financial BPO / IT Services Market Analysis



# FT Partners' International / Cross-Border Capabilities (Selected Examples)

2016	Target	Buyer / Investor	International Aspect
- 2004 ANNUALAWARDS	Currencies Direct	Palamon Capual Gatners Corsair Capital	
1&A Advisor Awards	KUBRA	HEARST corporation	*
2016 Cross Border Deal of the Year	OZFOREX HORIZA IGLIAGGI MINUZIS	SILVERLAKE Bain Capital Permira	*
	Outsource Partners International	)(EXL	•
FT Partners' global presence	chi-x	BATS	
offers capabilities reaching far	CUSTOM HOUSE	WESTERN   UNION	*
peyond North America, as	TORA ( TRADING SERVICES	Goldman Sactis  Bank of America  Merrill Lynch	
demonstrated by our numerous	Lynk	WorldPay	
nternational clients and	EISP	Vista Equity Partners	*
successful transactions with	<b>sum up</b>	AMERICAN BBVA	<u>&amp;</u>
international firms & investors	VERUS	sage	
	QUANT COLE	ViewPoint. Capital Partners *	-
	<b>₽</b> Zephyr	informa	

## SquareTrade's \$1.4 billion Sale to Allstate

# FINANCIAL TECHNOLOGY PARTNERS

### FT Partners Advises SquareTrade in its Sale to Allstate for \$1,400,000,000

#### Overview of Transaction

- On November 28, 2016, SquareTrade announced its \$1.4 billion all-cash strategic sale to the Allstate Corporation
- Headquartered in San Francisco, CA, SquareTrade offers top-rated protection plans trusted by millions of consumers for electronics and appliances
  - SquareTrade's branded products are sold through major retailers
- Allstate is the largest publicly held personal lines property and casualty insurer in America serving more than 16 million households nationwide
- More details available in Allstate's transaction <u>press release</u> and <u>investor</u> presentation

#### Significance of Transaction

- This transaction expands Allstate's protection offering to consumer electronics, connected devices and appliances
- SquareTrade substantially increases Allstate's customer relationships while providing both strong near-term and long-term growth opportunities

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to SquareTrade and its Board of Directors
- This transaction demonstrates FT Partners' continued leadership position as the "advisor of choice" to the highest quality FinTech companies
- FT Partners represented <u>SquareTrade in its \$238 million strategic growth</u> investment with Bain Capital and Bain Capital Ventures
- FT Partners also recently represented Bain Capital Ventures' portfolio company <u>Enservio in its sale to Solera</u> demonstrating our long-term trusted relationship

#### Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as sole strategic and financial advisor to



in its sale to



for total consideration of

\$ 1,400,000,000



## CardinalCommerce's Strategic Sale to Visa

### FT Partners Advises CardinalCommerce in its Strategic Sale to Visa



#### Overview of Transaction

- On December 1, 2016, CardinalCommerce announced its strategic sale to Visa in one of the largest payments deals of the year
- Headquartered in Cleveland, Ohio, CardinalCommerce is a pioneer and global leader in enabling authenticated payment transactions in the cardnot-present payments industry and is the largest authentication network in the world
- Founded in 1999, CardinalCommerce's products are used globally: across 6 continents (Africa, Asia, Australia, Europe, North America and South America), in more than 200 countries and used with more than 180 different currencies

#### Significance of Transaction

- The acquisition will help accelerate the growth of Visa's digital commerce by enabling more secure, seamless payments, through browsers, mobile apps and connected devices
- As Visa plans to integrate tokenization into Visa Checkout over the next 18
  months, the addition of CardinalCommerce will allow a more seamless
  integration of 3-D Secure and delivery of these new fraud mitigation
  capabilities to merchants

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to CardinalCommerce and its Board of Directors
- This transaction demonstrates FT Partners' continued leadership position as the "advisor of choice" to the highest quality FinTech companies

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in its sale to





## Heartland's \$4.5 billion Sale to Global Payments

# FINANCIAL TECHNOLOGY PARTNERS

### FT Partners Advises Heartland Payment Systems on its \$4,500,000 Sale

#### **Overview of Transaction**

- FT Partners served as strategic and financial advisor to Heartland Payment Systems (NYSE: HPY) in its landmark \$4.5 billion sale to Global Payments (NYSE: GPN) for a combination of cash and stock
- Global Payments acquired Heartland for \$100 per share, representing a total transaction value of approximately \$4.5 billion at closing
- Consideration for the transaction consisted of 0.6687 shares of Global Payments stock and \$53.28 for each share of Heartland stock at closing
- This transaction creates the leading global provider of integrated payments technology solutions
- This deal represents the largest U.S. strategic merchant acquiring acquisition in over a decade
- Also represents the single largest U.S. strategic payment processing deal in the last 8 years
- This transaction underscores FT Partners' continued leadership position as "advisor of choice" to the highest-quality companies in the FinTech space

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in its sale to



for total consideration of

\$4,500,000,000



### TouchCommerce Sale to Nuance Communications



#### FT Partners Advises Touch Commerce on its Sale to Nuance Communications

#### **Overview of Transaction**

- On July 21, 2016, Nuance announced it had signed a definitive agreement to acquire TouchCommerce, a technology partner and leader in digital customer service and engagement solutions for total consideration of \$215 mm
- The addition of TouchCommerce will help accelerate Nuance's Enterprise business and expand its customer care solutions with a range of new digital engagement offerings, including live chat, customer analytics and personalization solutions

#### Significance of Transaction

- The combination of Nuance and TouchCommerce will provide an end-toend engagement platform that merges intelligent self-service with assisted service, increasing customer satisfaction, strengthening customer loyalty, and improving business results.
  - Nuance Enterprise business gains
  - The best of self-service and best of assisted-service solutions
  - Strong customer relationships and synergies
  - Expanded addressable market opportunity
  - Magnified analytics and Al differentiation

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to TouchCommerce and its Board of Directors in this transaction
- Transaction highlights FT Partners' continued success in achieving highly attractive outcomes for leading technology firms

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in its sale to



for total consideration of

\$ 215,000,000



# Optimal Blue's Sale to GTCR

### FT Partners Advises Optimal Blue on its Sale to GTCR



#### Overview of Transaction

- Optimal Blue has agreed to sell to GTCR, a leading private equity firm
- Backed by Serent Capital, Optimal Blue is one of the largest SaaS providers of enterprise services to mortgage originators & investors
- The Company created the first cloud-based Product & Pricing Engine ("PPE") and is now the largest independent provider of pricing solutions in the mortgage ecosystem
- GTCR has committed up to \$350 million of equity capital to the investment to pursue growth initiatives at Optimal Blue as well as complementary acquisitions to provide information and other digital services to the \$14 trillion mortgage marketplace

#### Significance of Transaction

- Represents one of the largest Mortgage Technology M&A transactions in recent times
- Represents a highly favorable outcome to Optimal Blue management and Serent Capital, its private equity backer

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Optimal Blue and its Board of Directors
- FT Partners leveraged its deep knowledge, extensive experience and broad industry relationships to help bring in a knowledgeable partner with deep domain expertise in financial services
- Transaction demonstrates FT Partners' continued success advising top-tier financial technology companies

#### Financial Technology Partners LP FTP Securities LLC

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in its sale to





## AvidXchange's \$253 million Financing

### FT Partners Advises AvidXchange on its \$253 million Minority Financing



#### Overview of Transaction

- On September 14, 2015, AvidXchange announced a minority \$235mm Series E financing round – on November 28, 2016, AvidXchange announced an \$18mm extension from strategic investors
- Bain Capital Ventures led the equity round with additional investments from the Foundry Group, TPG, KeyBank, and Nyca Partners
- Fifth Third Bancorp led the strategic extension with additional participation from Pivot Investment Partners
- As part of this financing, Matt Harris of Bain Capital Ventures, Hans Morris
  of Nyca Partners, and Brad Feld of the Foundry Group joined
  AvidXchange's Board of Directors
- AvidXchange is a best-in-class business-to-business software company that is revolutionizing how companies pay their bills by automating the invoice and payment processes
- The Company focuses on serving midmarket clients and spans multiple industries including Real Estate, Financial Services, Energy and Construction

#### Significance of Transaction

- The transaction will further help AvidXchange expand as the leading independent business-to-business invoice and payment solution provider
- Firmly positions the Company to continue to grow the core business, invest in infrastructure and product development and pursue opportunistic acquisitions

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to AvidXchange and its Board of Directors
- FT Partners leveraged its deep knowledge, extensive experience and broad industry relationships to help achieve a highly favorable outcome for the Company
- Transaction demonstrates FT Partners' continued success advising \$100mm+ financings

# FTP Securities LLC.

is pleased to announce its exclusive role as sole strategic and financial advisor to



in its Series E minority investment from

Bain Capital Ventures













for total consideration of

\$ 253,000,000



# **Chrome River Technologies \$100 million Financing**

# FINANCIAL TECHNOLOGY PARTNERS

### FT Partners Advises Chrome River Technologies on its \$100 million Financing

#### **Overview of Transaction**

- On June 30, 2015, Chrome River announced a \$100mm Series D financing round from Great Hill Partners
- Chrome River is a leading, independent, enterprise-grade SaaS corporate expense control solution provider
- The Company's integrated expense and invoice offerings are built on a scalable, flexible platform that delivers best-in-class solutions to mid-size and multinational corporations
- Great Hill Partners is a leading middle market private equity firm with over
   \$3.8 bn in capital under management
- Bain Capital Ventures maintains a significant ownership stake in the Company

#### Significance of Transaction

- The transaction will further help Chrome River expand as the leading independent solution provider in the space and help fund international development and product innovation
- Firmly positions the Company to capitalize on strong traction in the large enterprise space and to continue to bring much needed efficiency and financial controls to the market

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Chrome River and its Board of Directors
- FT Partners leveraged its deep knowledge of the Company, extensive experience and broad industry relationships to help achieve a highly favorable outcome for the Company
- Transaction demonstrates FT Partners' continued success advising top-tier financial technology companies

#### Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as sole strategic and financial advisor to



in its Series D investment from



for total consideration of approximately

\$100,000,000



## Taulia's \$46 million Financing

### FT Partners Advises Taulia in its Series E Financing



#### **Overview of Transaction**

- On January 14, 2016, Taulia (or "the Company") announced \$46mm in Series E financing led by Zouk Capital ("Zouk")
- New strategic and institutional investors joined the round, which included all existing institutional investors
- Taulia provides cloud-based invoice, payment, dynamic discounting and supplier finance solutions to corporations and their suppliers
- Zouk is a UK-based private equity and infrastructure fund manager with €600mm under management that seeks to capitalize on the global shift to greater resource efficiency

#### Significance of Transaction

- Taulia is seeing global demand increase exponentially; the Company will
  use this financing round to meet this demand and to further accelerate its
  rapid global expansion
- The funding follows another record year for Taulia, which continues to grow its top-line by more than 100%
- The Series E round brings Taulia's total funding to over \$130 million

#### FT Partners' Role

- FT Partners served as exclusive financial advisor to Taulia and its Board of Directors
- FT Partners continued its long-term relationship with Taulia, having previously advised Taulia on its Series D round
- FT Partners leveraged its deep knowledge of Taulia and the industry to help the Company manage investor interest and ensure a highly successful outcome

#### Financial Technology Partners LP FTP Securities LLC

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in its Series E financing led by



for total consideration of approximately

\$46,000,000



# Moelis Capital Partners Acquires Insurance Technologies



### FT Partners Advises Insurance Technologies in its Sale to Moelis Capital Partners

#### Overview of Transaction

- On December 10, 2014, Insurance Technologies, LLC ("Insurance Technologies" or the "Company") announced its control investment from Moelis Capital Partners ("MCP")
- Insurance Technologies is a market-leading provider of software and technology-enabled sales automation platforms; the Company was previously owned by Palm Beach Capital and management shareholders
- Headquartered in Colorado Springs, Insurance Technologies has experienced tremendous success with its core ForeSight illustration product over the last few years and expects to continue its consistent growth with the maturation and market penetration of its FireLight e-application product
- Moelis Capital Partners, an affiliate of Moelis Asset Management, is a middle market private equity firm founded in 2007 with \$870 million of committed private equity capital

#### Significance of Transaction

- The transaction demonstrates the increasing value of technological salesenablement within the insurance industry
- With the support of a large private equity firm, the Company will enhance its role as a market leader in the critical front-end connection between distributors and carriers in the life insurance and annuity markets

#### FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Insurance Technologies and its Board of Directors
- FT Partners leveraged its deep knowledge of the Company, extensive experience and broad industry relationships to help achieve a highly favorable outcome for the Company
- Transaction demonstrates FT Partners' continued success advising top-tier companies within the insurance services sector

# FTP Securities LLC

is pleased to announce its exclusive role as sole strategic and financial advisor to



a portfolio company of Palm Beach Capital

on its investment from

#### MOELIS CAPITAL PARTNERS



### FT Partners - Focused Exclusively on FinTech



### Selected Transactions - Superior Industry Knowledge and Execution History







































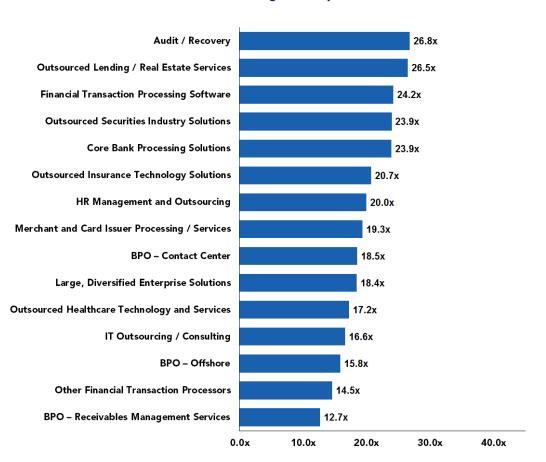




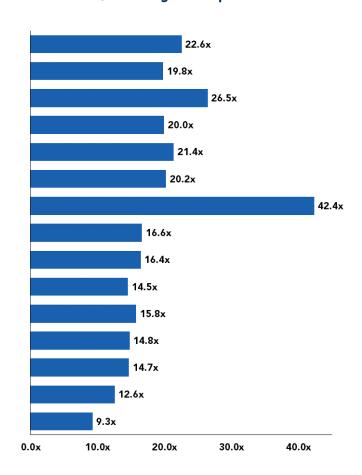
### Median Price / Earnings Multiples by FT Sector



#### 2016E Price / Earnings Multiples



#### 2017E Price / Earnings Multiples

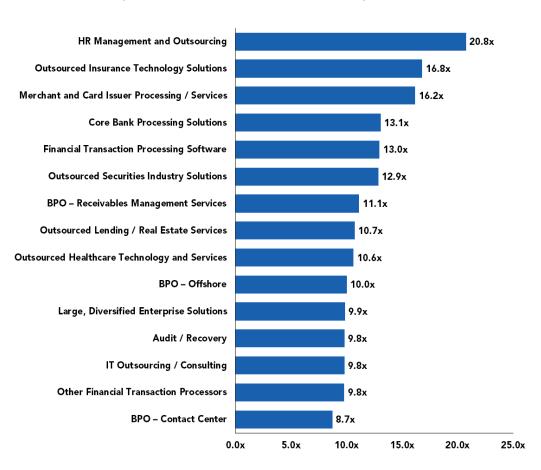


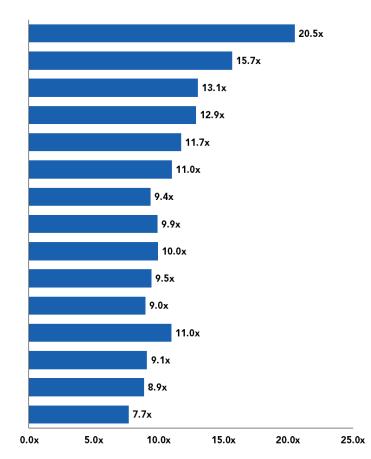
### Median Enterprise Value / EBITDA Multiples



#### **Enterprise Value / 2016E EBITDA Multiples**

#### Enterprise Value / 2017E EBITDA Multiples







### 2016E and 2017E Price / Earnings Multiples and YTD Stock Price Performance

	YTD	Price / E	arnings
Company Name	Change	CY 16E	CY 17E
BPO – CONTACT CENTER			
TeleTech Holdings	9 %	22.3 x	17.8 x
Teleperformance	20	21.0	16.4
Sykes Enterprises	(6)	15.9	14.4
Convergys	(1)	13.3	12.6
StarTek	136	nm	22.2
BPO – OFFSHORE			
WNS Holdings	(12)%	26.1 x	19.8 x
ExIservice Holdings	12	21.7	19.6
Tata Consultancy Services	(6)	18.0	17.2
MindTree	(29)	17.4	16.6
Genpact	(3)	17.0	15.5
Infosys Technologies	(11)	16.3	15.4
Hexaware Technologies	(17)	15.4	13.5
Mphasis	11	14.7	14.0
HCL Technologies	(6)	14.7	13.6
Tech Mahindra	(9)	14.6	13.1
Wipro	(17)	13.7	12.8
Firstsource Solutions	(15)	9.1	7.6
BPO - RECEIVABLES MANAGEMENT	SERVICES		
Asta Funding	23 %	28.8 x	na
Portfolio Recovery Associates	13	12.7	11.7

Encore Capital Group

	YTD	Price / E	arnings
Company Name	Change	CY 16E	CY 17E
INANCIAL TRANSACTION PROCESSI	NG SOFTWAR	E	
ACI Worldwide	(15)%	39.8 x	35.6 x
Bottomline Technologies	(16)	24.2	26.5
Oracle Financial Services Software	(19)	20.6	17.9
R MANAGEMENT AND OUTSOURCIN	lG		
Insperity	47 %	20.0 x	17.2 x
Cornerstone OnDemand	23	nm	nm
The Ultimate Software Group	(7)	nm	45.5
WageWorks	60	nm	42.4
ARGE, DIVERSIFIED ENTERPRISE SOL	UTIONS		
Microsoft	12 %	21.8 x	20.4 x
SAP	9	21.8	19.4
Siemens	26	18.5	15.4
Hitachi	(6)	18.3	11.9
IBM	21	12.3	11.9
Hewlett-Packard	25	9.2	9.3
BlackLine	na	nm	nm
Oracle	5	na	14.5

	YTD	Price / E	arnings
Company Name	Change	CY 16E	CY 17E
IT CUTFOURSING / CONSULTING			
IT OUTSOURCING / CONSULTING			
Computer Sciences Corporation	82 %	22.9 x	18.8 x
CACI International	34	20.3	18.1
Microgen	43	19.4	18.1
Open Text	29	17.2	14.2
Virtusa	(39)	16.9	15.4
Cognizant Technology Solutions	(7)	16.6	15.3
Cap Gemini	(9)	15.1	13.9
Atos Origin	26	14.3	12.9
Capita Group	(63)	8.3	8.4
Syntel	(56)	7.8	8.4
Unisys	35	7.4	6.8
Accenture	12	na	19.8
CIBER	(82)	nm	nm
AUDIT / RECOVERY			
PRGX	59 %	45.4 x	25.1 x
Performant Financial Corporation	31	29.4	nm
HMS Holdings	47	24.2	22.6
CGI Group	20	18.1	17.0



Price / Earnings

CY 16E CY 17E

38.7 x

35.2

28.6

23.4

16.2

13.7

12.2

11.8

nm

22.7 x

20.0

17.2

44.6 x

38.2

33.0

32.0

20.4

14.3

12.1

9.5

nm

26.5 x

23.9

18.9

YTD

Change

(9)%

39

14

14

23

(2)

2

(4)

(23)

9 %

23

(6)

Company Name

CoStar Group

LendingTree

Ocwen Financial

DST Systems

Black Knight Financial Services

Stewart Information Services

Fidelity National Financial

First American Corporation

Altisource Portfolio Solutions

Broadridge Financial Solutions

Ellie Mae

**OUTSOURCED LENDING / REAL ESTATE SERVICES** 

**OUTSOURCED SECURITIES INDUSTRY SOLUTIONS** 

### 2016E and 2017E Price / Earnings Multiples and YTD Stock Price Performance

	YTD	Price / E	arnings
ompany Name	Change	CY 16E	CY 17E
DRE BANK PROCESSING SOLUTIONS			
Temenos Group	36 %	34.3 x	29.9 x
Jack Henry & Associates	14	29.1	27.7 ^
Fisery	16	23.9	21.4
Fidelity National Information Services	25	19.7	17.5
Polaris Consulting & Services	(28)	12.1	9.5
Computer Services	(1)	na	na
1	. ,		
ERCHANT AND CARD ISSUER PROCES	SING / SERVI	CES	
MasterCard	6 %	27.5 x	24.1 x
Visa	1	26.7	22.8
WEX	26	24.5	20.8
Global Payments	8	22.2	17.9
FleetCor Technologies	(1)	20.6	17.4
Euronet Worldwide	0	18.1	15.9
Total System Services	(2)	17.4	15.6
Green Dot	43	16.5	13.6
Alliance Data Systems	(17)	13.5	12.2
Discover Financial Services	34	12.6	11.8
Net 1 Ueps Technologies	(15)	6.3	6.8
Square	4	nm	nm

	YTD	Price / E	arnings		YTD	Price / E	arnings
Company Name	Change	CY 16E	CY 17E	Company Name	Change	CY 16E	CY 17E
CORE BANK PROCESSING SOLUTIONS				OUTSOURCED HEALTHCARE TECHNO	DLOGY AND SE	RVICES	
Temenos Group	36 %	34.3 x	29.9 x	Cerner	(21)%	20.6 x	18.4 x
Jack Henry & Associates	14	29.1	27.3	Allscripts Healthcare Solutions	(34)	18.1	15.4
Fiserv	16	23.9	21.4	Quality Systems	(18)	17.2	16.2
Fidelity National Information Services	25	19.7	17.5	Computer Programs & Systems	(53)	13.7	12.9
Polaris Consulting & Services	(28)	12.1	9.5	Express Scripts	(21)	10.8	9.9
Computer Services	(1)	na	na	Accretive Health	(30)	nm	nm
'				Athenahealth	(35)	nm	43.2
MERCHANT AND CARD ISSUER PROCESS	ING / SERVI	CES			,,		
MasterCard	6 %	27.5 x	24.1 x	<b>OUTSOURCED INSURANCE TECHNOL</b>	OGY SOLUTION	IS	
Visa	1	26.7	22.8	Verisk Analytics	6 %	26.3 x	24.2 x
WEX	26	24.5	20.8	Ebix	74	20.7	20.2
Global Payments	8	22.2	17.9	Crawford & Company	137	17.8	14.8
FleetCor Technologies	(1)	20.6	17.4	, ,			
Euronet Worldwide	0	18.1	15.9	OTHER FINANCIAL TRANSACTION PR	OCESSORS		
Total System Services	(2)	17.4	15.6	Automatic Data Processing	21 %	29.1 x	27.1 x
Green Dot	43	16.5	13.6	Paychex	15	28.7	26.4
Alliance Data Systems	(17)	13.5	12.2	PayPoint	(9)	16.6	15.4
Discover Financial Services	34	12.6	11.8	Moneygram International	88	14.5	11.1
Net 1 Ueps Technologies	(15)	6.3	6.8	Western Union	21	13.1	12.6
Square	4	nm	nm	Paysafe	(16)	11.5	10.0
•				Everi Holdings	(51)	3.1	2.7

# **Common Stock Comparison – Summary Analysis**



	Med	dian			Mult	iples			Grov	wth Rat	es	Mar	gins	
	Mkt Cap	EV	Price / E	arnings	EV/E	BITDA	EV / Re	venue	Reven	ue	EPS	EBIT	DA	P/E/G
Comparable FT Industry Segment	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E C	Y 17E	LT	CY 16E (	CY 17E	CY 16E
Large, Diversified Enterprise Solutions	\$ 109,372	\$ 122,000	18.4 x	14.5 x	10.0 x	9.4 x	3.3 x	3.3 x	(0)%	2 %	9 %	24 %	25 %	2.3 x
Merchant and Card Issuer Processing / Services	10,693	14,689	19.3	16.6	16.9	13.1	4.2	4.1	10	13	15	27	26	1.6
IT Outsourcing / Consulting	5,430	8,854	16.6	14.8	10.2	9.5	1.4	1.3	3	4	12	16	16	1.0
Outsourced Securities Industry Solutions	7,442	8,542	23.9	20.0	13.2	11.3	2.6	2.5	7	7	12	23	25	2.0
Core Bank Processing Solutions	6,152	6,252	23.9	21.4	13.4	13.2	4.9	4.7	8	5	12	35	35	1.9
Outsourced Healthcare Technology and Services	1,890	3,464	17.2	15.8	10.4	9.5	2.2	1.7	8	9	13	19	19	1.3
BPO – Receivables Management Services	733	3,455	12.7	9.3	11.5	9.6	3.3	3.5	(6)	7	12	29	36	0.8
Outsourced Lending / Real Estate Services	2,925	3,325	26.2	19.8	11.0	10.2	3.1	2.3	8	(1)	17	18	19	2.3
Other Financial Transaction Processors	2,266	2,630	14.5	12.6	9.3	9.1	2.5	2.4	3	5	11	24	25	1.8
HR Management and Outsourcing	2,611	2,317	20.0	42.4	20.3	18.9	5.9	4.8	19	20	18	16	17	1.2
Outsourced Insurance Technology Solutions	1,855	2,019	20.7	20.2	16.5	15.4	6.9	6.3	(3)	6	10	38	38	2.1
BPO – Contact Center	1,420	1,495	18.5	16.4	9.2	7.9	0.9	0.8	5	6	10	13	13	1.5
Financial Transaction Processing Software	951	997	24.2	26.5	13.0	11.9	2.9	2.8	2	5	13	24	25	2.8
Audit / Recovery	835	850	26.8	22.6	9.3	11.0	1.5	1.5	2	5	16	17	16	1.5
BPO – Offshore	249	218	15.8	14.7	10.7	9.7	2.2	2.1	9	8	13	17	18	1.3
Median			19.3 x	16.6 x	11.0 x	10.2 x	2.9 x	2.5 x	5 %	6 %	12 %	23 %	25 %	1.6 x
Mean			19.9	19.2	12.3	11.3	3.2	2.9	5	7	13	23	24	1.7



				Market	Enterprise			Multi	ples			Gro	owth Ra	tes	Mar	gins	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / E		EV / Re	venue	Rever	nue	EPS	EBI*		P/E/G
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	Y 17E	CY 16E C	Y 17E	LT	CY 16E (	CY 17E	CY 16E
BPO - CONTACT CENTER																	
Teleperformance	\$ 106.63	3 %	96 %	\$ 6,059	\$ 6,440	21.0 x	16.4 x	10.3 x	8.0 x	1.6 x	1.4 x	5 %	15 %	18 %	15 %	17 %	1.2 x
Convergys	24.56	(0)	79	2,347	2,505	13.3	12.6	6.8	6.5	0.9	0.8	(1)	3	9	13	13	1.5
TeleTech Holdings	30.50	8	95	1,420	1,495	22.3	17.8	9.2	7.9	1.2	1.1	(1)	4	12	13	14	1.9
Sykes Enterprises	28.86	4	92	1,229	1,217	15.9	14.4	7.7	6.8	0.8	0.8	14	7	10	11	11	1.6
StarTek	8.45	(0)	92	142	173	nm	22.2	10.4	7.9	0.5	0.5	11	6	7	5	7	na
Median		3 %	92 %			18.5 x	16.4 x	9.2 x	7.9 x	0.9 x	0.8 x	5 %	6 %	10 %	13 %	13 %	1.5 x
Mean		3	91			18.1	16.7	8.9	7.4	1.0	0.9	6	7	11	11	12	1.5
DDG 0555U0D5																	
BPO - OFFSHORE	¢ 04.04	2.0/	05.0/	¢ = 740	¢ / 4 / F	47.0	45.5	44.0	100	0.4	2.2	F 0/	0.0/	42.0/	47.0/	47.0/	
Genpact	\$ 24.34		85 %	\$5,718	\$ 6,165	17.0 x	15.5 x	14.2 x	12.9 x	2.4 x	2.2 x	5 %	8 %	13 %	17 %	17 %	1.4 x
Exiservice Holdings	50.44		92	1,718	1,550	21.7	19.6	12.7	11.0	2.3	2.1	9	10	15	18	19	1.5
WNS Holdings	27.55		84	1,408	1,248	26.1	19.8	11.6	10.6	2.2	2.1	7	7	15	19	20	1.8
Tata Consultancy Services	0.51	5	86	1,000	930	18.0	17.2	13.5	12.7	3.7	3.4	9	8	15	27	27	1.2
Infosys Technologies	0.22		79	496	491	16.3	15.4	12.4	11.6	3.4	3.1	12	8	12	27	27	1.3
HCL Technologies	0.18		93	251	229	14.7	13.6	10.4	9.7	2.3	2.1	12	12	10	23	22	1.5
Wipro	0.10	_	78	247	206	13.7	12.8	8.5	7.9	1.8	1.6	7	9	11	21	20	1.3
Tech Mahindra	0.11	4	87	103	95	14.6	13.1	9.9	9.0	1.6	1.4	7	9	14	16	16	1.1
Mphasis	0.12		91	26	18	14.7	14.0	8.0	8.0	1.4	1.3	1	6	11	17	16	1.3
MindTree	0.11	12	65	19	18	17.4	16.6	10.7	9.6	1.6	1.4	20	8	13	15	15	1.3
Firstsource Solutions	0.01	4	70	6	7	9.1	7.6	8.0	7.0	1.0	0.9	10	11	na	12	13	na
Hexaware Technologies	0.04	1	76	14	(42)	15.4	13.5	nm	nm	nm	nm	10	12	11	16	17	1.4
Median		4 %	85 %			15.8 x	14.7 x		9.7 x	2.2 x	2.1 x	9 %	8 %	13 %	17 %	18 %	1.3 x
Mean		5	82			16.6	14.9	10.9	10.0	2.1	2.0	9	9	13	19	19	1.4

#### FINANCIAL **TECHNOLOGY PARTNERS**

				Market	Enterprise			Multi	ples			Gro	wth Ra	tes	Mar	gins	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / E	BITDA	EV / Re	venue	Rever	nue	EPS	EBIT	TDA	P/E/G
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	CY 17E	CY 16E C	Y 17E	LT	CY 16E (	CY 17E	CY 16E
<b>BPO – RECEIVABLES MANAGEMENT</b>	SERVICES																
Portfolio Recovery Associates	\$39.10	9 %	98 %	\$1,812	\$ 3,591	12.7 x	11.7 x	11.5 x	10.4 x	4.0 x	3.9 x	(6)%	4 %	13 %	35 %	38 %	1.0 x
Encore Capital Group	28.65	6	94	733	3,455	8.4	6.8	11.9	8.8	3.3	3.0	(11)	10	12	28	35	0.7
Asta Funding	9.80	10	82	118	166	28.8	na	10.3	na	3.0	na	24	na	na	29	na	na
Median		9 %	94 %			12.7 x	9.3 x	11.5 x	9.6 x	3.3 x	3.5 x	(6)%	7 %	12 %	29 %	36 %	0.8 x
Mean		9	92			16.6	9.3	11.2	9.6	3.5	3.5	3	7	12	31	36	0.8
AUDIT / RECOVERY																	
CGI Group	\$ 35.51	2 %	96 %	\$ 11,373	\$12,141	18.1 x	17.0 x	11.1 x	10.3 x	2.1 x	2.0 x	6 %	3 %	16 %	19 %	19 %	1.2 x
HMS Holdings	18.16	2	76	1,541	1,567	24.2	22.6	13.4	11.6	3.1	2.9	5	7	16	23	25	1.5
Performant Financial Corporation	2.35	(33)	58	118	133	29.4	nm	5.9	22.2	1.0	1.1	(14)	(9)	20	16	5	1.5
PRGX	5.90	8	95	129	115	45.4	25.1	7.5	5.7	0.8	0.8	(1)	11	na	11	13	na
Median		2 %	85 %			26.8 x	22.6 x	9.3 x	11.0 x	1.5 x	1.5 x	2 %	5 %	16 %	17 %	16 %	1.5 x
Mean		(5)	81			29.3	21.5	9.5	12.5	1.8	1.7	(1)	3	17	17	16	1.4

#### FINANCIAL **TECHNOLOGY PARTNERS**

				Market	Enterprise			Multi	ples			Gre	owth Ra	tes	Mar	gins	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / EI	BITDA	EV / Re	venue	Reve	nue	EPS	EBIT		P/E/C
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	CY 17E	CY 16E (	CY 17E	LT	CY 16E (	CY 17E	CY 16E
HR MANAGEMENT AND OUTSOUR	CING																
The Ultimate Software Group	\$ 182.35	(7)%	81 %	\$5,347	\$5,247	nm	45.5 x	28.1 x	22.2 x	6.7 x	5.4 x	26 %	24 %	27 %	24 %	24 %	na
Cornerstone OnDemand	42.31	23	89	2,443	2,442	nm	nm	nm	49.9	5.8	5.0	24	15	20	8	10	na
WageWorks	72.50	(1)	96	2,780	2,192	nm	42.4	20.3	15.7	6.0	4.6	10	30	15	29	29	na
Insperity	70.95	(0)	86	1,511	1,390	20.0	17.2	9.8	8.4	0.5	0.4	13	10	17	5	5	1.2
Median		(1)%	87 %			20.0 x	42.4 x	20.3 x	18.9 x	5.9 x	4.8 x	19 %	20 %	18 %	16 %	17 %	1.2 x
Mean		4	88			20.0	35.0	19.4	24.1	4.7	3.9	18	20	20	17	17	1.2
IT OUTSOURCING / CONSULTING																	
Accenture	\$ 117.13	(0)%	93 %	\$72,931	\$ 69,496	na	19.8 x	12.3 x	11.7 x	2.1 x	2.0 x	nm	5 %	10 %	17 %	17 %	na
Cognizant Technology Solutions	56.03		88	34,229	30,267	16.6	15.3	10.7	9.8	2.2	2.0	9	9	14	21	21	1.2
Cap Gemini	89.68	9	89	15,266	18,107	15.1	13.9	9.8	9.2	1.3	1.3	3	3	12	13	14	1.3
Atos Origin	105.83	4	99	10,987	11,021	14.3	12.9	7.2	6.7	0.9	0.9	7	4	14	12	13	1.0
Computer Sciences Corporation	59.42	0	85	8,487	11,020	22.9	18.8	9.0	7.8	1.5	1.4	(26)	4	8	16	18	2.9
Capita Group	8.17	(3)	44	5,430	8,966	8.3	8.4	8.2	8.1	1.2	1.2	(14)	1	8	15	15	1.0
Open Text	61.81	(1)	92	7,546	8,854	17.2	14.2	12.9	10.7	4.5	4.0	6	12	17	35	38	1.0
CACI International	124.30	(3)	93	3,030	4,396	20.3	18.1	12.3	11.5	1.2	1.0	12	12	10	10	9	2.0
Syntel	19.79	1	39	1,664	2,055	7.8	8.4	7.5	7.1	2.1	2.1	(0)	1	11	28	29	0.7
Virtusa	25.12	11	54	761	816	16.9	15.4	13.2	13.7	1.4	0.9	8	43	16	10	7	1.1
Unisys	14.95	3	90	749	745	7.4	6.8	2.0	2.0	0.3	0.3	(6)	(O)	12	13	14	0.6
Microgen	2.84	2	92	184	182	19.4	18.1	12.1	11.5	3.0	2.9	3	2	na	25	26	na
CIBER	0.63	(21)	18	52	85	nm	nm	nm	nm	0.1	0.2	(21)	(11)	na	nm	nm	na
Median		1 %	89 %			16.6 x	14.8 x	10.2 x	9.5 x	1.4 x	1.3 x	3 %	4 %	12 % ::	16 %	16 %	1.0
Mean		0	75			15.1	14.2	9.8	9.2	1.7	1.6	(2)	7	12 11	18	18	1.3

#### FINANCIAL **TECHNOLOGY PARTNERS**

				Market	Enterprise			Multi	ples			Gro	wth Ra	tes	Mar	gins	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / E	BITDA	EV / Re	venue	Rever	nue	EPS	EBIT	ΓDΑ	P/E/G
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	Y 17E	CY 16E C	Y 17E	LT	CY 16E (	CY 17E	CY 16E
LARGE, DIVERSIFIED ENTERPRISE SC	LUTIONS																
Microsoft	\$ 62.14	5 %	97 %	\$ 483,160	\$ 422,303	21.8 x	20.4 x	12.0 x	11.3 x	4.6 x	4.4 ×	1 %	4 %	9 %	38 %	39 %	2.3 x
IBM	165.99	4	98	157,867	190,531	12.3	11.9	10.0	9.4	2.4	2.4	(2)	(O)	3	24	25	4.3
Oracle	38.45	(1)	92	161,032	157,536	na	14.5	9.5	9.3	4.2	4.1	(0)	3	10	44	44	na
Siemens	130.23	9	99	105,265	127,356	18.5	15.4	10.9	9.8	1.4	1.4	3	0	8	13	14	2.3
SAP	92.47	6	100	113,478	116,644	21.8	19.4	14.0	13.0	4.7	4.4	3	7	9	34	34	2.3
Hewlett-Packard	14.84	(1)	91	25,389	25,937	9.2	9.3	6.3	6.3	0.5	0.6	(46)	(3)	3	9	9	2.7
BlackLine	27.63	3	96	1,523	1,569	nm	nm	nm	nm	12.9	9.8	na	32	30	nm	nm	na
Hitachi	0.05	0	91	1,122	1,144	18.3	11.9	7.2	7.5	0.8	0.8	(4)	(1)	9	11	11	2.0
Median		3 %	96 %			18.4 x	14.5 x	10.0 x	9.4 x	3.3 x	3.3 x	(0)%	2 %	9 %	24 %	25 %	2.3 x
Mean		3	95			17.0	14.7	10.0	9.5	3.9	3.5	(7)	5	10	25	25	2.7
FINANCIAL TRANSACTION PROCESS	ING SOFTW	ARE															
ACI Worldwide	\$ 18.15	1 %	78 %	\$ 2,146	\$ 2,847	39.8 x	35.6 x	12.1 x	11.3 x	2.9 x	2.8 x	(6)%	5 %	13 %	24 %	25 %	3.2 x
Bottomline Technologies	25.02	3	79	951	997	24.2	26.5	13.0	13.0	2.9	2.8	2	5	17	22	21	1.4
Oracle Financial Services Software	0.67	4	78	58	51	20.6	17.9	13.6	11.9	5.4	4.9	10	10	7	40	41	2.8
Median Mean		3 % 2	78 % 79			24.2 x 28.2	26.5 x 26.6	13.0 x 12.9	11.9 x 12.1	2.9 x 3.7	2.8 x 3.5	2 % 2	5 % 7	13 % 12	24 % 29	25 % 29	2.8 x 2.5



				Market	Enterprise			Multi	ples			Gre	owth Ra	tes	Marg	ains	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / EI		EV / Re	venue	Reve		EPS	EBIT		P/E/G
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	CY 17E	CY 16E (	Y 17E	LT	CY 16E C	CY 17E	CY 16E
CORE BANK PROCESSING SOLUTIONS																	
Fidelity National Information Services	\$ 75.64	(O)%	93 %	\$ 25,274	\$ 35,457	19.7 x	17.5 x	12.0 x	11.2 x	3.8 x	3.6 x	42 %	3 %	12 %	31 %	32 %	1.6 x
Fiserv	106.28	3	95	23,638	27,965	23.9	21.4	14.5	13.6	5.1	4.8	5	5	12	35	35	2.0
Jack Henry & Associates	88.78	5	97	6,937	6,853	29.1	27.3	13.4	13.2	4.9	4.7	7	5	11	37	35	2.6
Temenos Group	70.90	3	98	5,455	5,740	34.3	29.9	24.4	21.8	9.1	8.3	16	9	18	37	38	1.9
Computer Services	39.70	1	99	561	551	na	na	na	na	na	na	na	na	na	na	na	na
Polaris Consulting & Services	2.21	(5)	69	226	171	12.1	9.5	4.7	4.7	0.6	0.6	8	0	na	12	12	na
Median Mean		2 % 1	96 % 92			23.9 x 23.8	21.4 x 21.1	13.4 x 13.8	13.2 x 12.9	4.9 x 4.7	4.7 x 4.4	8 % 16	5 % 5	12 % ı 13 ı		35 % 31	2.0 x 2.1
MERCHANT AND CARD ISSUER PROCES Visa	\$ 78.02	3 %	93 %	\$ 183,222	\$ 195,883	26.7 x	22.8 x	17.9 x	15.5 x	12.4 x	10.8 x	12 %	15 %	17 %	70 %	70 %	1.6 x
MasterCard	103.25	3 7	95 99	113,339	109,716	27.5 29.1	24.1 27.1	17.3 17.4	15.9 16.4	10.2	9.2 3.5	12 7	11 7	16 11	59	58 22	1.7
Automatic Data Processing  Discover Financial Services	102.78 72.09	•	98	46,550 28,436	45,740 38,290	12.6	11.8			3.8 4.2	4.1	4	4	7	22		2.6
Alliance Data Systems	228.50		98 83	13,211	23,010	13.5	12.2	na 11.3	na 10.5	3.2	2.9	13	10	16	na 28	na 28	0.8
FleetCor Technologies	141.52	(3)	80	13,460	16,991	20.6	17.4	17.8	14.6	9.3	7.9	7	18	16	52	54	1.3
Global Payments	69.41	(3)	87	10,693	14,689	20.8	17.4	16.9	13.1	9.3 5.4	4.3	13	24	12	32	33	1.3
Total System Services	49.03	3	87	9,073	12,120	17.4	15.6	11.7	10.7	2.9	2.6	nm	13	11	25	24	1.5
WEX	111.60		95	4,772	6,537	24.5	20.8	17.7	13.3	6.5	5.4	18	19	15	37	41	1.6
Square	13.63	7	95 86	6,111	5,597	nm	nm	nm	nm	8.2	6.3	(46)	31	20	5	11	na
Euronet Worldwide	72.43	•	85	3,914	3,792	18.1	15.9	10.9	9.4	2.0	1.8	10	9	15	18	19	1.2
Green Dot	23.55	(1)	93	1,261	1,173	16.5	13.6	7.5	6.6	1.6	1.6	3	5	15	22	24	1.1
Net 1 Ueps Technologies	11.48	. ,	93 86	593	417	6.3	6.8	2.7	2.6	0.7	0.6	na	13	15	26	24	0.4
Median	11.40			373	717										1		1
Mean		3 % 3	87 % 90			19.3 x 19.6	16.6 x 17.2	16.9 x 13.6	13.1 x i 11.7	1 4.2 x 5.4	4.1 x 4.7	10 % 5	13 % 14	15 % 14	27 % 33	26 % 34	1.6 x 1.5

#### FINANCIAL **TECHNOLOGY PARTNERS**

				Market	Enterprise			Multi	ples			Gre	owth Ra	tes	Mar	gins	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / EI	BITDA	EV / Re	venue	Reve	nue	EPS	EBI"	ΓDΑ	P/E/C
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E	CY 17E	CY 16E	CY 17E	CY 16E (	CY 17E	CY 16E (	Y 17E	LT	CY 16E	CY 17E	CY 16E
OTHER FINANCIAL TRANSACTION	PROCESSORS																
Automatic Data Processing	\$ 102.78	7 %	99 %	\$ 46,550	\$ 45,740	29.1 x	27.1 x	17.4 x	16.4 x	3.8 x	3.5 x	7 %	7 %	11 %	22 %	22 %	2.6 x
Paychex	60.88	4	98	21,952	21,762	28.7	26.4	na	15.4	na	6.6	na	na	9	na	43	3.2
Western Union	21.72	5	98	10,566	12,492	13.1	12.6	9.3	9.1	2.3	2.3	(1)	2	7	25	25	1.8
Paysafe	4.58	(3)	78	2,266	2,630	11.5	10.0	9.3	8.2	2.7	2.4	nm	11	20	29	30	0.6
Moneygram International	11.81	12	93	628	1,392	14.5	11.1	5.2	4.9	0.9	0.9	6	6	14	18	17	1.0
Everi Holdings	2.17	3	48	143	1,167	3.1	2.7	6.0	5.7	1.4	1.3	3	3	20	23	23	0.2
PayPoint	15.47	(0)	86	1,054	973	16.6	15.4	10.9	10.3	3.0	3.1	(18)	(4)	6	28	30	2.8
Median		4 %	93 %			14.5 x	12.6 x	9.3 x	9.1 x	2.5 x	2.4 x	3 %	5 %	11 %	24 %	25 %	1.8 x
Mean		4	86			16.7	15.1	9.7	10.0	2.3	2.9	(0)	4	13	24	27	1.7
			_														
OUTSOURCED HEALTHCARE TECH																	
Express Scripts	\$ 68.79		78 %	\$ 42,629	\$ 40,333	10.8 x	9.9 x	5.6 x	5.4 x	0.4 x	0.4 x	(0)%	2 %	12 %	7 %	7 %	
Cerner	47.37	(1)	70	16,249	16,129	20.6	18.4	10.3	9.2	3.4	3.1	8	9	14	33	33	1.4
Athenahealth	105.17	14	63	4,191	4,352	nm	43.2	17.9	14.0	4.0	3.3	19	19	27	22	24	na
Allscripts Healthcare Solutions	10.21	(5)	67	1,890	3,464	18.1	15.4	12.3	10.5	2.2	2.0	12	9	14	18	20	1.3
Quality Systems	13.15	1	75	817	838	17.2	16.2	10.5	9.8	1.7	1.6	2	3	10	16	16	1.7
Accretive Health	2.25	(3)	70	227	511	nm	nm	nm	nm	2.4	1.5	(9)	67	na	nm	1	na
Computer Programs & Systems	23.60	(2)	40	315	467	13.7	12.9	9.2	8.9	1.7	1.7	47	1	10	19	19	1.3
Median		(2)%	70 %			17.2 x	15.8 x	⊢ 10.4 x	9.5 x	2.2 x	1.7 x	8 %	9 %	13 %	19 %	19 %	1.3 x
Mean		(1)	66			16.1	19.3	11.0	9.7	2.3	1.9	11	16	15	19	17	1.3

**Common Stock Comparison** 

# **Public Financial BPO / IT Services Sectors**



				Market	Enterprise			Multi	inles			Gr	owth Ra	tas	Mar	ains	
	Price	% MTD	% LTM	Value	Value	Price / E	arnings	EV / El		EV / Re	venue	Reve		EPS	EBIT		P/E/C
Company Name	12/30/16	Change	High	(\$ mm)	(\$ mm)	CY 16E		CY 16E		CY 16E (		CY 16E (		LT	CY 16E C		CY 16E
OUTSOURCED INSURANCE TECHNO	OLOGY SOLUTI	IONS															
Verisk Analytics	\$ 81.17	(1)%	94 %	\$ 14,328	\$16,446	26.3 x	24.2 x	16.5 x	15.4 x	8.2 x	7.8 x	(3)%	6 %	12 %	50 %	51 %	2.2 x
Ebix	57.05	(1)	91	1,855	2,019	20.7	20.2	18.1	16.5	6.9	6.3	11	9	10	38	38	2.1
Crawford & Company	12.56	(5)	87	706	854	17.8	14.8	6.8	6.1	0.8	0.7	(4)	2	10	11	12	1.8
Median		(1)%	91 %			20.7 x	20.2 x	16.5 x	15.4 x	6.9 x	6.3 x	(3)%	6 %	10 %	38 %	38 %	2.1 x
Mean		(3)	91			21.6	19.7	13.8	12.7	5.3	5.0	1	5	11	33	34	2.0
OUTSOURCED LENDING / REAL EST	TATE SERVICES	;															
Fidelity National Financial	\$ 33.96	6 %	88 %	\$ 9,551	\$12,559	14.3 x	13.7 x	8.9 x	8.6 x	1.5 x	1.6 x	8 %	(2)%	na	17 %	18 %	na
Ocwen Financial	5.39	7	72	668	6,599	nm	nm	na	na	4.7	5.4	(20)	(12)	na	na	na	na
Black Knight Financial Services	37.80	6	90	3,553	6,127	33.0	28.6	13.2	11.9	5.9	5.4	10	9	14	45	46	2.4
CoStar Group	188.49	5	84	6,170	5,984	44.6	38.7	23.4	20.5	7.2	6.3	18	13	19	31	31	2.3
First American Corporation	36.63	2	84	4,024	3,325	12.1	12.2	5.0	5.2	0.6	0.6	6	(1)	na	12	12	na
Ellie Mae	83.68	4	76	2,925	2,538	38.2	35.2	22.8	17.7	7.2	5.8	39	23	25	31	33	1.5
LendingTree	101.35	(O)	90	1,355	1,178	32.0	23.4	17.4	12.5	3.1	2.3	50	34	4	18	18	nm
Stewart Information Services	46.08	3	95	1,077	1,054	20.4	16.2	8.2	6.5	0.5	0.6	(5)	(2)	na	7	9	na
Altisource Portfolio Solutions	26.59	2	72	504	803	9.5	11.8	5.5	4.9	0.8	1.0	(7)	(15)	na	15	20	na
Median Mean		4 % 4	84 % 84			26.2 x 25.5	19.8 x 22.5	11.0 x 13.0	10.2 x 11.0	3.1 x 3.5	2.3 x 3.2	8 % 11	(1)% 5	17 % 15	18 % 22	19 % 23	2.3 x 2.1
OUTSOURCED SECURITIES INDUST	RY SOLUTIONS	;															
Broadridge Financial Solutions	\$ 66.30	3 %	92 %	\$8,072	\$ 8,971	23.9 x	20.0 x	13.2 x	11.3 x	2.6 x	2.1 x	25 %	22 %	na	20 %	19 %	na
MSCI	78.78	2	87	7,442	8,542	26.5	22.7	15.0	13.7	7.4	6.9	7	7	14	49	51	1.9
DST Systems	107.15	4	83	3,446	3,715	18.9	17.2	9.8	9.8	2.3	2.5	(20)	(7)	9	23	25	2.1
Median Mean		3 % 3	87 % 87			23.9 x 23.1	20.0 x 20.0	13.2 x 12.7	11.3 x 11.6	2.6 x 4.1	2.5 x 3.8	7 % 4	7 % 7	12 % 12	23 % 31	25 % 32	2.0 x 2.0

# Financial BPO / IT Services Market Analysis

### U.S. FinTech IPO Tracker





	Raised
\$5.5	
	\$1.0
2015	2016 YTD



Filing Date	IPO Date	Company	Amount Raised	IPO Price	Current Price	Current Market Cap	Total Return	Sector	Research Profile
09/30/16	10/28/16	<b>ELACKLINE</b>	\$146 mm	\$17.00	\$27.63	\$1,417	63%	FMS	VIEW
09/08/16	10/06/16	‱coupa	133	18.00	25.01	1,250	39%	FMS	VIEW
01/04/16	09/29/16	TABULARASA HEALTHCARE	52	12.00	14.98	241	25%	HCIT	VIEW
05/09/16	06/02/16	NantHealth	91	14.00	9.94	1,205	-29%	HCIT	VIEW
04/06/16	05/25/16	Cotiviti	238	19.00	34.40	3,102	81%	HCIT	VIEW
04/04/16	04/27/16	Yintech	101	13.50	16.40	1,120	21%	CapMkts	VIEW
12/16/15	04/15/16	Bats	253	19.00	33.45	3,224	76%	CapMkts	VIEW
11/16/15	12/18/15	宜人贷 🌴	75	10.00	20.72	1,238	107%	Banking	VIEW
07/24/15	11/19/15	■ Square	243	9.00	13.63	4,800	51%	Payments	VIEW
07/20/15	10/14/15	<b>First Data</b>	2,560	16.00	14.19	12,927	-11%	Payments	VIEW
08/10/15	10/09/15	epi card group	138	10.00	4.15	229	-59%	Payments	VIEW
04/17/15	06/26/15	ppfolio	74	12.00	23.85	804	99%	FMS	VIEW
06/15/15	06/24/15	TransUnion	627	22.50	30.93	5,659	37%	Banking	VIEW
05/11/15	06/19/15	MINDBODY	100	14.00	21.30	863	52%	Payments	VIEW
05/05/15	06/10/15	evolent O	196	17.00	14.80	1,005	-13%	HCIT	VIEW
PENDING	PO'S								
Filing Date	IPO Date	Company	Notes					Sector	Research Profile
09/24/15	TBD	<b>bfs</b> capital	Filed confide	ntially accordin	g to the Compa	nny		Bnkg	

### Selected Large / Significant M&A Transactions



MERGERS	& ACQUISITIONS					
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database	Research Profile
04/27/15	Capgemini Acquires iGATE for \$4 bn	iGATE	Capgemini	\$4,000	<u>Details</u>	
08/31/16	Genesys Telecommunications Acquires ININ Group for \$1.4 bn	ININ Group	Genesys Telecommunications	1,400	<u>Details</u>	
05/26/15	EMC Corporation Acquires Virtustream for \$1.2 bn in Cash	Virtustream	EMC Corporation	1,200	<u>Details</u>	
07/27/16	OMERS and Harvest Partners have Agreed to Acquire Epiq for \$1 bn	EPIQ Systems Inc.	OMERS Private Equity; Harvest Partners, LLC	1,000	<u>Details</u>	
10/05/16	Permira has Agreed to Acquire Tricor for \$835 mm	Tricor Group	Permira	835	<u>Details</u>	
04/03/16	The Blackstone Group has Agreed to Acquire 84% Stake in Mphasis for Approximately \$825 mm	MphasiS	The Blackstone Group	825	<u>Details</u>	
12/06/16	Synchronoss Technologies has Agreed to Acquire Intralinks for \$821 mm	IntraLinks	Synchronoss	821	<u>Details</u>	
12/09/15	Computer Sciences Acquires Xchanging for Approximately \$721 mm	Xchanging PLC	Computer Sciences Corp. (CSC)	721	<u>Details</u>	
08/11/15	Infor Acquires GT Nexus for \$675 mm	GT Nexus	Infor Global Solutions, Inc.	675	<u>Details</u>	
04/28/16	Oracle has Agreed to Acquire Textura for \$663 mm	Textura Corporation	Oracle Corp.	663	<u>Details</u>	VIEW
04/27/15	MasterCard has Agreed to Acquire Applied Predictive Technologies for \$600 mm	Applied Predictive Technologies	MasterCard	600	<u>Details</u>	VIEW
03/09/15	MAXIMUS Acquires Acentia for \$300 mm in Cash	Acentia	MAXIMUS, Inc	300	<u>Details</u>	
01/07/15	Alorica Acquires West Corporation's Agent Services Businesses for \$275 mm	West Corporation's Agent Services Businesses	Alorica, Inc.	275	<u>Details</u>	
03/12/15	Silver Point Capital has Agreed to Acquire Standard Register's Assets for \$275 mm	Standard Register's Assets	Silver Point Capital	275	<u>Details</u>	
03/09/15	Baring Private Equity Acquires 57% Stake in CMS Infosystems for \$250 mm	CMS Infosystems	Baring Private Equity Asia	250	<u>Details</u>	
12/06/16	ICBPI has Agreed to Acquire Bassilichi for Approximately \$245 mm	Bassilichi	ICBPI	245	<u>Details</u>	
02/16/15	Infosys Technologies Acquires Panaya for \$200 mm in Cash	Panaya	Infosys Technologies	200	Details	
10/03/16	Cognizant Technology Solutions has Agreed to Acquire Frontica Business Solutions for Approximately \$128.2 mm	Frontica Business Solutions	Cognizant Technology Solutions	128	<u>Details</u>	
10/06/15	VASCO Acquires Silanis for \$85 mm in Cash	Silanis	VASCO Data Security	85	<u>Details</u>	
06/30/15	Capita has Agreed to Acquire Vertex Financial Services	Vertex Financial Services	Capita Plc	55	<u>Details</u>	
09/06/16	Vista Equity Partners Acquires RDC	RDC	Vista Equity Partners	na	<u>Details</u>	
06/24/16	Vistra Group Acquires Ujwal Management Services	Ujwal Management Services	Vistra	na	Details	





MERGERS 8	ACQUISITIONS		
Date	Acquirer / Target	Value (\$ mm)	Comments
10/05/16	PERMÍRA <b>tricor</b>	\$835	<ul> <li>Tricor Holdings Limited provides integrated business, corporate and investor services in Asia Pacific</li> <li>Founded in 1985, Permira is a global investment firm that has over 200 private equity investments across 5 key sectors including Consumer, Financial Services, Healthcare Industrials and Technology</li> <li>On October 5, 2016, Permira announced that a company backed by Permira funds, has agreed to acquire Tricor Holdings</li> <li>Tricor's management will become investors in Tricor alongside the Permira funds</li> </ul>
10/03/16	Cognizant Frontica	128	<ul> <li>Frontica Business Solutions is comprised of the IT and BPO business segments of Frontica Business Group</li> <li>Cognizant is a leading provider of information technology, consulting and business process services</li> <li>On October 3, 2016, Cognizant entered into a definitive agreement to acquire Frontica Business Solutions</li> </ul>
09/06/16	Vista Equity Partners BainCapital	na	<ul> <li>RDC operates in the Government, Risk and Compliance industry providing counterparty risk and financial regulatory compliance data and software to financial institutions and technology companies</li> <li>On September 6, 2016, RDC announced that it has been acquired by Bain Capital Partners and Vista Equity Partners</li> <li>RDC plans to use the capital to increase its investment in risk and compliance software and data solutions</li> </ul>





MERGERS 8	ACQUISITIONS		
Date	Acquirer / Target	Value (\$ mm)	Comments
06/24/16	VISTRA VI U J W A L® professionals you can trust	na	<ul> <li>Ujwal Management Services is a focused, full-function outsourced services provider in the areas of accounting, finance and statutory compliance</li> <li>Vistra Group provides a broad range of services and solutions across company formations to trust, fiduciary and fund administration services</li> <li>On June 24, 2016, Vistra announced that it had acquired Ujwal Management Services</li> <li>Ujwal's staff and well-established network will help expand Vistra's presence in India and especially Southern India</li> </ul>
06/01/16	Vista Equity Partners  Pingldentity*	na	<ul> <li>Ping Identity provides identity security solutions for the borderless enterprise, allowing employees, customers and partners access to business applications securely</li> <li>Vista Equity Partners, is a U.Sbased private equity firm with more than \$24 bn in cumulative capital commitments, that invests in software, data and technology-based companies</li> <li>On June 1, 2015, Ping Identity announced that it has been acquired by Vista Equity Partners</li> <li>The company's annual recurring revenue (ARR) grew by more than 40% in 2015 and ARR is expected to reach more than \$100 mm in 2016</li> </ul>
04/03/16	Blackstone  Mphasis  Unleash the Next	\$825	<ul> <li>Mphasis, together with its subsidiaries, provides application development and maintenance services, infrastructure technology outsourcing (ITO) services and business process outsourcing (BPO) solutions</li> <li>The Blackstone Group is an international private equity firm with \$344 bn AUM</li> <li>On April 3, 2016, Hewlett Packard signed a definitive agreement to sell its equity stake in Mphasis to The Blackstone Group</li> <li>Blackstone has agreed to purchase at least 84% of HPE's stake in Mphasis for INR 430 (\$6.47) per share and will purchase the maximum amount of the remaining 16% stake that is permitted by Indian securities laws; at the proposed price, transaction is valued at approximately \$825 mm</li> </ul>

### **Selected Recent M&A Transactions**



MERGERS & A	CQUISITIONS				
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database
12/06/16	Synchronoss Technologies has Agreed to Acquire Intralinks for \$821 mm	IntraLinks	Synchronoss	\$821	<u>Details</u>
12/06/16	ICBPI has Agreed to Acquire Bassilichi for Approximately \$245 mm	Bassilichi	ICBPI	245	<u>Details</u>
11/04/16	BC Partners and Medina Capital have Agreed to Acquire Easy Solutions	Easy Solutions	BC Partners; Medina Capital	na	<u>Details</u>
10/05/16	Permira has Agreed to Acquire Tricor for \$835 mm	Tricor Group	Permira	835	<u>Details</u>
10/03/16	Cognizant Technology Solutions has Agreed to Acquire Frontica Business Solutions for Approximately \$128.2 mm	Frontica Business Solutions	Cognizant Technology Solutions	128	<u>Details</u>
09/29/16	IBM has Agreed to Acquire Promontory Financial Group	Promontory Financial Group	IBM	na	<u>Details</u>
09/28/16	SourceHOV Acquires TransCentra	TransCentra	SourceHOV	na	<u>Details</u>
09/19/16	HgCapital Acquires Visma BPO	Visma BPO	HgCapital	na	<u>Details</u>
09/13/16	Ant Financial Acquires EyeVerify	EyeVerify	Ant Financial	na	<u>Details</u>
09/06/16	Vista Equity Partners Acquires RDC	RDC	Vista Equity Partners	na	<u>Details</u>
09/06/16	EXL Acquires IQR Consulting	IQR Consulting	EXL Service	na	<u>Details</u>
08/31/16	Genesys Telecommunications Acquires ININ Group for \$1.4 bn	ININ Group	Genesys Telecommunications	1,400	<u>Details</u>
07/27/16	OMERS and Harvest Partners have Agreed to Acquire Epiq for \$^ bn	<sup>1</sup> EPIQ Systems Inc.	OMERS Private Equity; Harvest Partners, LLC	1,000	<u>Details</u>
06/24/16	Vistra Group Acquires Ujwal Management Services	Ujwal Management Services	Vistra	na	<u>Details</u>
06/13/16	Total System Services Acquires TSYS Managed Services EMEA	TSYS Managed Services EMEA	TSYS	na	<u>Details</u>
06/06/16	Midigator Acquires B4 Enterprises	B4 Enterprises	Midigator	na	<u>Details</u>
06/02/16	Alorica has Agreed to Acquire Expert Global Solutions	Expert Global Solutions	Alorica, Inc.	na	<u>Details</u>
06/01/16	Vista has Agreed to Acquire Ping Identity	Ping Identity	Vista Equity Partners	na	<u>Details</u>
05/27/16	Profidata Acquires Abraxas	Abraxas	Profidata	na	<u>Details</u>
05/25/16	Sedgwick has Agreed to Acquire OSG Group	OSG Group	Sedgwick (fka: Claims Management Services)	na	<u>Details</u>
04/28/16	Oracle has Agreed to Acquire Textura for \$663 mm	Textura Corporation	Oracle Corp.	663	<u>Details</u>
04/27/16	Upland Software Acquires Advanced Processing & Imaging	Advanced Processing & Imaging	Upland Software	na	<u>Details</u>

### Selected Recent M&A Transactions (cont.)



MERGERS & A	CQUISITIONS				
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database
04/03/16	The Blackstone Group has Agreed to Acquire 84% Stake in Mphasis for Approximately \$825 mm	MphasiS	The Blackstone Group	\$825	<u>Details</u>
03/24/16	Raet Receives Majority Investment from HgCapital	Raet B.V.	HgCapital	na	<u>Details</u>
03/10/16	Cornerstone Partners and Oaktree Capital Management have Agreed to Acquire ProService Agent Transferowy	ProService Agent Transferowy	Cornerstone Partners; Oaktree Capital Management	na	<u>Details</u>
02/24/16	Carlyle has Agreed to Acquire Majority Stake in Digitex Informatica	Digitex Informatica	The Carlyle Group	na	<u>Details</u>
02/10/16	Avaloq has Agreed to Acquire 49% Remaining Stake in B-Source	B-Source	Avaloq	na	<u>Details</u>
01/28/16	Firstsource has Agreed to Acquire ISGN's Business Process Outsourcing Business	ISGN's Business Process Outsourcing Business	Firstsource Solutions	na	<u>Details</u>
01/28/16	Tessi Acquires BPO Solutions	BPO Solutions	Tessi SA	na	<u>Details</u>
01/12/16	Owner Resource Group Acquires GC Services	GC Services	Owner Resource Group, LLC; NB Alternatives Advisors	na	<u>Details</u>
01/11/16	Tessi SA Acquires RR Donnelley Document Solutions	Tessi Document Solutions Switzerland	Tessi SA	na	<u>Details</u>
01/05/16	Mercer Acquires CPSG Partners	CPSG Partners	Mercer	na	<u>Details</u>
01/04/16	KUBRA Acquires iFactor Consulting	iFactor Consulting	KUBRA	na	<u>Details</u>
12/21/15	The Carlyle Group Acquires Majority Stake in Comdata	Comdata	The Carlyle Group	na	<u>Details</u>
12/15/15	Accenture Acquires Beacon Consulting	Beacon Consulting Group	Accenture	na	<u>Details</u>
12/10/15	ININ Group Acquires Anveshan Techsolutions for \$10 mm in Cash	n Anveshan Techsolutions	ININ Group	10	<u>Details</u>
12/09/15	Computer Sciences Acquires Xchanging for Approximately \$721 mm	Xchanging PLC	Computer Sciences Corp. (CSC)	721	<u>Details</u>
12/07/15	CliftonLarsonAllen Acquires Accounting Management Solutions	Accounting Management Solutions	CliftonLarsonAllen	na	<u>Details</u>
12/02/15	Marlin Equity Partners Acquires LiveOps Cloud Platform	LiveOps Cloud Platform	Marlin Equity Partners; Presidio Partners	na	<u>Details</u>
11/05/15	Virtusa Acquires 77.7% Stake in Polaris Consulting & Services	Polaris Consulting & Services	Virtusa	na	<u>Details</u>
10/20/15	Asentinel Acquires eMOBUS	eMOBUS	Asentinel	na	<u>Details</u>
10/19/15	Model N has Agreed to Acquire Channelinsight (fka:InfoNow)	Channelinsight (fka: InfoNow)	Model N	na	<u>Details</u>
10/08/15	Denovo Ventures Acquires Business Technology Services	Business Technology Services	Denovo Ventures	na	<u>Details</u>
10/06/15	VASCO Acquires Silanis for \$85 mm in Cash	Silanis	VASCO Data Security	85	<u>Details</u>

# **Selected Large / Significant Financing Transactions**



FINANCIN	GS					
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database	Researc Profile
06/18/15	OneSource Virtual Secures \$150 mm in Financing from Technology Crossover Ventures	OneSource Virtual	Technology Crossover Ventures	\$150	<u>Details</u>	
01/11/16	EDM Group Secures Approximately \$145.1 mm in Financing	EDM Group	Lloyds Banking Group; BlueBay Asset Management	145	<u>Details</u>	
05/10/16	Fractal Analytics Secures \$100 mm in Financing from Khazanah Nasional Berhad	Fractal Analytics	Khazanah Nasional	100	<u>Details</u>	VIEW
04/14/15	PrimeRevenue Secures \$80 mm in Financing Led by BBF Capital Partners and Battery Ventures	PrimeRevenue	BBH Capital Partners; Battery Ventures	80	<u>Details</u>	VIEW
10/14/15	Bit9 + Carbon Black Secures \$54.5 mm in Series F Financing Led by Accomplice	Bit9 + Carbon Black	.406 Ventures; Founders Circle Capital; Sequoia Capital; Kleiner Perkins Caufield & Byers; The Blackstone Group; Atlas Venture; Evolution Equity Partners; Highland Capital Partners	55	<u>Details</u>	
06/04/15	ECI Secures \$40 mm in Financing from Frontier Capital	ECI	Frontier Capital	40	<u>Details</u>	
03/03/15	Booker Secures \$35 mm in Series C Financing Led by Medina Capital	Booker Software	Medina Capital; First Data; Jump Capital; Signal Peak Ventures; Bain Capital Ventures; Revolution Ventures; Grotech Ventures; TDF Ventures	35	<u>Details</u>	
06/02/15	Saama Secures \$35 mm in Series A Financing from Carrick Capital Partners	Saama Technologies	Carrick Capital Partners	35	<u>Details</u>	
03/24/15	Rsam Secures \$32 mm in Financing from JMI Equity	Rsam	JMI Equity	32	<u>Details</u>	
11/15/16	eOriginal Secures \$26.5 mm in Financing Led by LLR Partners	eOriginal, Inc	LLR Partners	27	<u>Details</u>	
07/13/15	RedOwl Secures \$17 mm in Series B Financing Led by Allegis Capital	RedOwl Analytics	The Blackstone Group; Allegis Capital; Undisclosed Investors	17	<u>Details</u>	
05/03/16	Bench Secures \$16 mm in Series B Financing Led by Bain Capital Ventures	Bench	Bain Capital Ventures; Altos Ventures; Contour Venture Partners	16	<u>Details</u>	
02/24/15	Metamarkets Secures \$15 mm in Financing Led by Data Collective	Metamarkets	Data Collective; Khosla Ventures; IA Ventures; True Ventures; Village Ventures; City National Bank; Undisclosed Investors	15	<u>Details</u>	
06/08/15	TaskUs Secures \$15 mm in Financing from Navegar	TaskUs	Navegar	15	<u>Details</u>	
03/13/16	Cerillion Raises Approximately \$14.2 mm in its IPO	Cerillion	Undisclosed Investors	14	<u>Details</u>	
06/04/15	eFileCabinet Secures \$14 mm in Series B Financing Led by Allegis Capital and Signal Peak Ventures	eFileCabinet	Allegis Capital; Signal Peak Ventures	14	<u>Details</u>	
02/05/16	Bit9 + Carbon Black Secures \$13.7 mm in Financing	Bit9 + Carbon Black	Undisclosed Investors	14	<u>Details</u>	
12/13/16	Socure Secures \$13 mm in Financing Round Led by Flint Capital	Socure	Flint Capital; ff Venture Capital; Santander Innoventures; Two Sigma Ventures	13	<u>Details</u>	
01/29/15	MilelQ Secures \$11 mm in Series A Financing Led by Trinity Ventures	MileIQ	Trinity Ventures; Charles River Ventures; SV Angel; Undisclosed Investors	11	<u>Details</u>	
01/15/16	UnifiedPost Secures Approximately \$10.9 mm in Financing	UnifiedPost	Fortino Capital; PE Group; SmartFin Capital; Cytindus	11	<u>Details</u>	



# **Highlighted Recent Financing Transactions**

FINANCINGS						
Date	Target / Investor(s)	Value (\$ mm)	Comments			
12/13/16	Investor(s): Flint Capital, ff Venture Capital, Santander Innoventures, Two Sigma Ventures	\$13	<ul> <li>Socure's technology applies machine-learning techniques with biometrics and trusted online/offline data intelligence from email, phone, IP, social media and the broader Internet to power next-generation multi-factor authentication in real-time</li> <li>On December 13, 2016, Socure announced that it has secured \$13 mm in financing round led by Flint Capital</li> <li>The funding will be used to scale operations and innovate its digital identity verification platform</li> </ul>			
05/03/16	Bench  Investor(s): Bain Capital Ventures; Altos Ventures; Contour Venture Partners	16	<ul> <li>Bench automates accounting tasks for small businesses and independent contractors for a monthly fee, pairing its intuitive software with a live bookkeeping team</li> <li>On May 3, 2016, Bench announced that it closed a \$16 mm Series B round led by Bain Capital Ventures, with participation by Altos Ventures and Contour Venture Partners</li> <li>The new round, which brings total capital raised to \$33 mm, will go toward significant product enhancements and the rollout of a new product</li> </ul>			
06/18/15	Onesource VIRTUAL  Investor(s): Technology Crossover Ventures	150	<ul> <li>OneSource Virtual provides business process as a service and supports the automated delivery of solutions exclusively for Workday</li> <li>On June 18, 2015, OneSource Virtual announced a \$150 mm equity investment from Technology Crossover Ventures</li> <li>The investment will be used to support global expansion, the development of its Finance &amp; Accounting Outsourcing (FAO) offerings and the expansion of other technology-enabled products and services for Workday customers</li> </ul>			

# FINANCIAL TECHNOLOGY PARTNERS

## **Highlighted Recent Financing Transactions (cont.)**

FINANCINGS						
Date	Target / Investor(s)	Value (\$ mm)	Comments			
06/04/15	Electronic Commerce, Inc. Solutions in Human Resource Information Investor(s): Frontier Capital	\$40	<ul> <li>Specializing in human capital management solutions, ECI's Empower software provides mid-sized companies with a web-based, fully unified platform that covers the entire employee lifecycle and HR services</li> <li>On June 4, 2015, ECI announced it has secured a \$40 mm majority growth investment from Frontier Capital</li> </ul>			
			<ul> <li>The investment will support ECI in enhancing its platform, providing resources to accelerate customer on-boarding and implementation, expanding sales and marketing efforts, and possible acquisitions to add new features to the platform</li> </ul>			
	billtrust		<ul> <li>Billtrust provides Payment Cycle Management solutions to help businesses accelerate the time it takes for their invoice-to-cash processing</li> </ul>			
04/15/15	Investor(s): Bain Capital Ventures; Goldman Sachs Private Capital Investing	25	<ul> <li>On April 15, 2015, Billtrust announced that it had raised \$25 mm in new funding, led by Goldman Sachs Private Capital Investing and existing investor Bain Capital Ventures</li> </ul>			
			<ul> <li>The funding will enable Billtrust to continue its aggressive growth strategy, to pursue additional acquisitions, support further expansion into domestic and international markets and to increase marketing activity</li> </ul>			
			<ul> <li>PrimeRevenue provides a web-based supply chain finance (SCF) platform and solutions to companies in the United States and internationally</li> </ul>			
04/14/15	Investor(s): BBH Capital Partners; Battery Ventures	80	<ul> <li>The Company's SCF SaaS-based platform, enables buyers to upload approved invoices for payment at a future date, suppliers to view their receivables and choose to trade receivables and financial institutions to fund the early payment requests</li> </ul>			
			<ul> <li>On April 14, 2015, Atlanta-based PrimeRevenue announced that it had secured \$80 mm in financing co-led by BBH Capital Partners and Battery Ventures, with significant participation from the Company's management team</li> </ul>			
			<ul> <li>The additional funding will be used to accelerate customer acquisition, invest in the development of several innovative funding solutions and to enhance customer service offerings</li> </ul>			

### **Selected Recent Financing Transactions**



INANCINGS					
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database
12/13/16	Socure Secures \$13 mm in Financing Round Led by Flint Capital	l Socure	Flint Capital; ff Venture Capital; Santander Innoventures; Two Sigma Ventures	\$13	<u>Details</u>
11/15/16	eOriginal Secures \$26.5 mm in Financing Led by LLR Partners	eOriginal, Inc	LLR Partners	27	<u>Details</u>
11/14/16	Midaxo Secures \$4 mm in Series A Financing Led by EOC Capital and Finnish Industry Investments	Midaxo	EOC Capital; Finnish Industry Investment	4	<u>Details</u>
10/20/16	TravelBank Secures \$10 mm in Series A Financing Led by NEA	TravelBank	New Enterprise Associates; Accel Partners	10	<u>Details</u>
10/11/16	Brainspace Secures Financing from In-Q-Tel	Brainspace	In-Q-Tel	na	<u>Details</u>
09/23/16	Captio Secures \$1.1 mm in Financing Led by Sabadell Venture Capital	Captio	Sabadell Venture Capital; Venturcap; Telegraph Hill Capital; Kibo Ventures	1	<u>Details</u>
09/09/16	Hanse Orga Secures Financing from Waterland	Hanse Orga	Waterland Private Equity Investments; Undisclosed Investors	na	<u>Details</u>
08/31/16	HighRoads Secures \$2 mm in Financing	HighRoads, Inc.	Undisclosed Investors	2	<u>Details</u>
08/03/16	Privitar Secures Approximately \$4 mm in Financing from Illuminate Financial Management	<sup>9</sup> Privitar	Illuminate Financial; 24Haymarket; IQ Capital Partners	4	<u>Details</u>
08/03/16	Signix Secures \$6.45 mm in Financing	Signix	Undisclosed Investors	6	<u>Details</u>
06/22/16	Santander Innoventures has Acquired an Undisclosed Stake in Socure	Socure	Santander Innoventures	na	<u>Details</u>
06/08/16	Conservice Secures Financing from TA Associates	Conservice	TA Associates	na	<u>Details</u>
05/18/16	eFileCabinet Secures \$5 mm in Financing	eFileCabinet Inc	Undisclosed Investors	5	<u>Details</u>
05/12/16	Inkassogram Secures Approximately \$2.5 mm in Financing	Inkassogram	Undisclosed Investors	2	Details
05/10/16	Fractal Analytics Raises \$100 mm in Financing from Khazanah Nasional Berhad	Fractal Analytics	Khazanah Nasional	100	Details
05/03/16	Bench Secures \$16 mm in Series B Financing Led by Bain Capital Ventures	Bench	Bain Capital Ventures; Altos Ventures; Contour Venture Partners	16	<u>Details</u>
04/14/16	Energy Services Group Secures Financing from Accel-KKR	Energy Services	Accel-KKR	na	Details
03/20/16	Qumram Secures Approximately \$2.4 mm in Financing	Qumram	Undisclosed Investors; Zirkonia	2	<u>Details</u>
03/18/16	LogicSource Secures \$2 mm in Financing	LogicSource	Undisclosed Investors	2	<u>Details</u>
03/13/16	Cerillion Raises Approximately \$14.2 mm in its IPO	Cerillion	Undisclosed Investors	14	<u>Details</u>
03/04/16	3CLogic Secures \$1.2 mm in Financing	3CLogic	Undisclosed Investors	1	<u>Details</u>
02/25/16	Peloton Document Solutions Secures Financing from RR Donnelle	y Peloton Document Solut	ions R.R. Donnelley & Sons Company	na	Details

### **Selected Recent Financing Transactions (cont.)**



FINANCINGS					
Announced Date	Transaction Overview	Company	Selected Buyers / Investors	Amount (\$mm)	Fintech Database
02/05/16	Bit9 + Carbon Black Secures \$13.7 mm in Financing	Bit9 + Carbon Black	Undisclosed Investors	\$14	<u>Details</u>
01/27/16	Signix Secures \$3.6 mm in Financing	Signix	Undisclosed Investors	4	<u>Details</u>
01/20/16	Central Technology Services Secures Financing from Regimen Partners	Central Technology Services	s Regimen Capital Partners	na	<u>Details</u>
01/15/16	UnifiedPost Secures Approximately \$10.9 mm in Financing	UnifiedPost	Fortino Capital; PE Group; SmartFin Capital; Cytindus	11	<u>Details</u>
01/11/16	EDM Group Secures Approximately \$145.1 mm in Financing	EDM Group	Lloyds Banking Group; BlueBay Asset Management	145	<u>Details</u>
12/14/15	Bench Secures \$6.09 mm in Financing	Bench	Undisclosed Investors	6	<u>Details</u>
10/28/15	NGDATA Secures \$10.2 mm in Series B Financing Led by Idinvest Partners	NGData	PAMICA; IDInvest Partners; Capricorn Venture Partners; Nausicaa Ventures; SmartFin Capital; Undisclosed Investors	10	<u>Details</u>
10/14/15	Bit9 + Carbon Black Secures \$54.5 mm in Series F Financing Led by Accomplice	Bit9 + Carbon Black	.406 Ventures; Founders Circle Capital; Sequoia Capital; Kleiner Perkins Caufield & Byers; The Blackstone Group; Atlas Venture; Evolution Equity Partners; Highland Capital Partners	55	<u>Details</u>
10/01/15	Cytora Secures Financing Led by Cambridge Enterprise	Cytora	Cambridge Enterprise; Undisclosed Investors; Parkwalk Advisors	na	<u>Details</u>
09/21/15	Duco Secures Financing from ICAP	Duco	ICAP	na	<u>Details</u>
09/10/15	XOR Data Exchange Secures \$4.2 mm in Series A Financing Led by Fenway Summer Ventures	XOR Data Exchange	Fenway Summer, Investment Arm; Chicago Venture Partners; KGC Capital	4	<u>Details</u>
09/07/15	TALKINGtech Acquires 50% Stake in Webtools	Webtools	TALKINGtech	na	<u>Details</u>
08/26/15	Socure Secures \$2.3 mm in Financing	Socure	Flint Capital	2	<u>Details</u>
08/26/15	7Park Data Secures \$3 mm in Series A Financing Led by Muller Ventures	7Park Data	Mueller Ventures	3	Details
07/27/15	LogicSource Secures \$1.3 mm in Financing	LogicSource	Undisclosed Investors	1	<u>Details</u>
07/14/15	Privitar Secures \$1 mm in Seed Financing	Privitar	Undisclosed Investors	1	<u>Details</u>
07/13/15	RedOwl Secures \$17 mm in Series B Financing Led by Allegis Capital	RedOwl Analytics	The Blackstone Group; Allegis Capital; Undisclosed Investors	17	<u>Details</u>
07/10/15	Karvy Data Management Services Acquires Stake in MphasiS' India Domestic Business Assets	a MphasiS' India Domestic Business Assets	Karvy Data Management Services	na	<u>Details</u>
07/08/15	Salviol Secures \$7.2 mm in Series A Financing Led by Orange Growth Capital	Salviol Global Analytics	Orange Growth Capital	7	<u>Details</u>
07/07/15	3CLogic Secures \$1.34 mm in Financing	3CLogic	Undisclosed Investors	1	<u>Details</u>
06/19/15	Iconixx Secures \$10 mm in Financing	Iconixx Corporation	Ballast Point Ventures; S3 Ventures; Harbert Venture Partners	10	Details
06/18/15	OneSource Virtual Secures \$150 mm in Financing from Technology Crossover Ventures	OneSource Virtual	Technology Crossover Ventures	150	<u>Details</u>

# Financial BPO / IT Services Sector Events



### **Key Industry Conferences & Events**

Date	Conference	Location	Website
FINTECH IDEAS FESTIVAL  Jan. 9 - 10, 2017	FINTECH IDEAS FESTIVAL  The FinTech Ideas Festival will bring together the world's leaders of the financial services and technology communities to look at FUTURE big ideas and challenges as the planet grows more connected, more technologically advanced and financially empowered. Rather than being a trade show of new technology, the FinTech Ideas Festival will focus on the big, future ideas that futurists, technologists and companies can imagine, specifically at the intersection of finance and technology. No idea or challenge is too large. This event is for CEOs and other interested invitees selected by FSR member company CEOs.	San Francisco, CA, USA	<u>Details</u>
<b>NEXT MONEY</b> Jan. 18 - 19, 2017	<b>NEXT MONEY FINTECH FINALS 2017</b> Next Money Fintech Finals 2017 will bring 1,000 people to gather at PMQ in Hong Kong, with the world's best speakers assembled to cover FinTech design, innovation & entrepreneurship, and see the top 24 startups globally pitch for prizes and cash.	Hong Kong, Hong Kong	<u>Details</u>
SCM World Shaping the Future of Supply Chain  Jan. 29 - Feb. 1, 2017	SCM WORLD LIVE AMERICAS 2017 SCM World Live Americas 2017 is an exclusive cross-industry forum for supply chain leaders to drive innovation in supply chain strategy.	Miami, FL, USA	Details
<b>IAOP</b> Feb. 19 - 22, 2017	THE OUTSOURCING WORLD SUMMIT 2017 The Outsourcing World Summit 2017 features powerful keynotes, 50+ hand-picked sessions, conversation-packed receptions, lively meet and greets and networking.	San Antonio, TX, USA	<u>Details</u>

# Financial BPO / IT Services Sector Events

### **Upcoming Industry Conferences & Events**



	Date	Conference	Location	Website
JANUARY	01/09 - 01/11/17	FinTech Ideas Festival	London, UK	<u>Details</u>
	01/10 - 01/12/17	The Innovation Summit	Santa Barbara, CA, USA	<u>Details</u>
	01/17 - 01/20/17	Call Center Week Winter 2017	New Orleans, LA, USA	<u>Details</u>
	01/18 - 01/19/17	Next Money Fintech Finals 2017	Hong Kong, Hong Kong	<u>Details</u>
	01/25 - 01/26/17	Global Corporate Venturing and Innovation Summit 2017	Sonoma, CA, USA	<u>Details</u>
	01/25 - 01/26/17	Paris Fintech Forum 2017	Paris, France	<u>Details</u>
	01/29 - 02/01/17	SCM World Live Americas 2017	Miami, FL, USA	<u>Details</u>
FEBRUARY	02/07 - 02/08/17	Finovate Europe 2017	London, UK	<u>Details</u>
	02/07 - 02/09/17	SaaStr Annual 2017	San Francisco, CA, USA	<u>Details</u>
	02/08 - 02/09/17	Chief Strategy Officer Summit 2017 - Melbourne	Melbourne, Australia	<u>Details</u>
	02/10 - 02/10/17	MoneyShow University Orlando 2017	Orlando, FL, USA	<u>Details</u>
	02/13 - 02/15/17 Fintechstage Inclusion Forum 2017		Jakarta, Indonesia	<u>Details</u>
	02/14 - 02/15/17	EmTech Asia 2017	Singapore, Singapore	<u>Details</u>
	02/15 - 02/16/17	Predictive Analytics Innovation Summit, San Diego 2017	San Diego, CA, USA	<u>Details</u>
	02/19 - 02/22/17	The Outsourcing World Summit 2017	San Antonio, TX, USA	<u>Details</u>
	02/21 - 02/22/17	Customer Experience Exchange for Financial Services 2017	London, UK	<u>Details</u>
	02/21 - 02/22/17	Cloud Financial Services Asia Conference 2017	Hong Kong, Hong Kong	<u>Details</u>
	02/22 - 02/23/17	Predictive Analytics Innovation Summit, San Diego 2017	San Diego, CA, USA	<u>Details</u>
	02/26 - 03/01/17	ABS Vegas 2017	Las Vegas, NV, USA	<u>Details</u>
	02/27 - 03/02/17	GSMA Mobile World Congress 2017	Barcelona, Spain	<u>Details</u>
MARCH	03/05 - 03/09/17	EuroCIS 2017	Dusseldorf, Germany	<u>Details</u>

# Financial BPO / IT Services Sector Events

# FINANCIAL TECHNOLOGY PARTNERS

### **Upcoming Industry Conferences & Events**

	Date	Conference	Location	Website
MARCH	03/08 - 03/09/17	Digital Strategy Innovation Summit 2017	New York, NY, USA	<u>Details</u>
	03/10 - 03/19/17	SXSW 2017	Austin, TX, USA	<u>Details</u>
	03/14 - 03/16/17	SIG Global Sourcing Summit 2017	Amelia Island, FL, USA	<u>Details</u>
	03/21 - 03/22/17	FinDEVr New York 2017	New York, NY, USA	<u>Details</u>
	03/22 - 03/23/17	Mobile Innovation Summit 2017	New York, NY, USA	<u>Details</u>
	03/27 - 03/29/17	Operational Excellence in Financial Services 2017	New York, NY, USA	<u>Details</u>
	03/29 - 03/30/17	Data Disrupt Financial Services 2017	New York, NY, USA	<u>Details</u>
	03/30 - 03/31/17	Predictive Analytics Innovation Summit 2017, London	London, UK	<u>Details</u>
APRIL	04/01 - 04/01/17	Empire Startups FinTech Conference, New York, 2017	New York, NY, USA	<u>Details</u>
7	04/11 - 04/11/17	Innovate Finance Global Summit 2017	London, UK	<u>Details</u>
	04/19 - 04/20/17	Marketing to Millennials for Financial Services 2017	New York, NY, USA	<u>Details</u>
	04/20 - 04/21/17	Accelerate@HHL 2017	Leipzig, Germany	<u>Details</u>
	04/24 - 04/25/17	ACAMS 9th Annual AML & Financial Crime Conference Asia Pacific 2017	Singapore, Singapore	<u>Details</u>
	04/25 - 04/26/17	Open Innovation Summit 2017	London, UK	<u>Details</u>
	04/26 - 04/27/17	Finovate Spring 2017	San Jose, CA, USA	<u>Details</u>
	04/26 - 04/27/17	Chief Innovation Officer Summit 2017, London	London, UK	<u>Details</u>
	04/26 - 04/27/17	Chief Strategy Officer Summit 2017, London	London, UK	<u>Details</u>
MAY	05/01 - 05/02/17	DerivOps North America 2017	Chicago, IL, USA	<u>Details</u>
	05/01 - 05/01/17	Tech in Asia Singapore 2017	Singapore, Singapore	<u>Details</u>
	05/01 - 05/03/17	Connect:ID 2017	Washington, DC, USA	<u>Details</u>
	05/08 - 05/09/17	Total Supply Chain Summit 2017	Hertford, UK	<u>Details</u>

# FT Partners – Focused Exclusively on FinTech



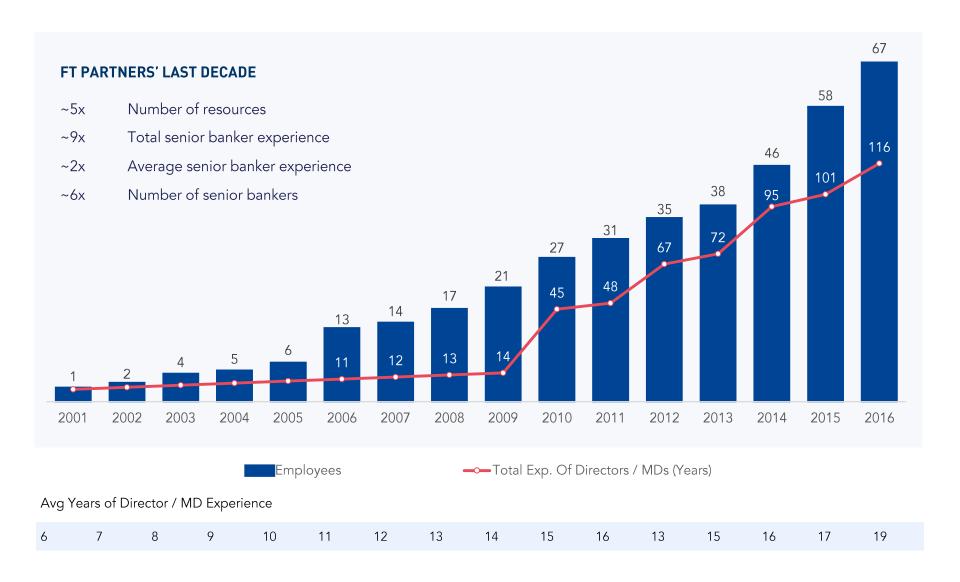
### The FT Partners Senior Banker Team

Name / Position	Prior Background	Experience / Education	Years of Experience
<b>Steve McLaughlin</b> Founder, CEO and Managing Partner	Goldman Sachs	<ul> <li>Formerly with Goldman, Sachs &amp; Co. in New York and San Francisco from 1995-2002</li> <li>Formerly Co-Head of Goldman Sachs' Financial Technology Group (#1 market share)</li> <li>Wharton M.B.A.</li> </ul>	21
<b>Larry Furlong</b> Managing Director	Goldman Sachs	<ul> <li>Formerly with Goldman, Sachs &amp; Co. in New York, London and Los Angeles beginning in 1995</li> <li>Wharton M.B.A.</li> </ul>	21
<b>Greg Smith</b> Managing Director	Merrill Lynch J.P.Morgan	<ul> <li>Formerly award winning Equity Research Analyst at Merrill Lynch / J.P. Morgan / Sterne Agee</li> <li>Recent coverage included WU, EEFT, DST, ENV, FISV, FIS, V, MA, GPN &amp; HPY among others</li> </ul>	20
Steve Stout  Managing Director	J.P.Morgan	<ul><li>Formerly with J.P. Morgan and UBS</li><li>Formerly Global Head of Strategy at First Data</li></ul>	18
<b>Tim Wolfe</b> Managing Director	Goldman Sachs	<ul> <li>Formerly with Goldman, Sachs &amp; Co. beginning in 2000</li> <li>Started at FT Partners in 2002</li> <li>40 Under 40 M&amp;A Advisor Award Winner 2013</li> <li>Harvard M.B.A.</li> </ul>	14
Andrew McLaughlin Managing Director, Research & Business Development	Deloitte.	<ul> <li>Leads FT Partners' Research and Business         Development Team     </li> <li>Formerly with Deloitte Consulting</li> </ul>	10

# FT Partners - Focused Exclusively on FinTech

### Platform of Choice for Clients and Bankers Alike





### FT Partners – Focused Exclusively on FinTech

### FT Partners' Awards and Recognition





The Information's "Silicon Valley's Most Popular Dealmakers" (2016)

- Ranked as the #2 top Technology Investment Banker by The Information subscribers
- Only FinTech focused investment banking firm and banker on the list

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#### **M&A Advisor Awards**

- Investment Banking Dealmaker of the Year (2015) Steve McLaughlin, CEO & Managing Partner of FT Partners
- Technology Deal of the Year \$1.5 Billion (2015) TransFirst's \$1.5 Billion Sale to Vista Equity Partners





The 2015 FinTech Finance 35: #4 Steve McLaughlin, Financing Technology Partners

(excerpt from article published in Institutional Investor)

"Steve personifies the combination of talent, vision, energy and experience that add up to the unprecedented level of leadership and influence in FinTech."

- Jeff Kutler, Feature Editor



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### M&A Advisor Selects FT Partners for Industry Awards

#### FT Partners Named "Dealmaker" and "Investment Bank" of the Year



#### FT Partners consistently receives top industry recognition:

- Corporate and Strategic Deal of Year (2016)
- Private Equity Deal of the Year (2016)
- Cross Border Deal of the Year (2016)
- Investment Banking Firm of the Year (2004, 2006 and 2016)
- Technology Deal of the Year (2015)
- Dealmaker of the Year (2007, 2008, 2009, 2012 and 2015)
- Equity Financing Deal of the Year (2014)
- Professional Services Deal of the Year (2012)
- Boutique Investment Bank of the Year (2011)
- Deal of the Decade (2011)
- Middle Market Deal of the Year, Cross-Border Deal of the Year and IT Services Deal of the Year (2010)
- Deals of the Year (2005, 2006 and 2007)
- Financing Professional of the Year (2006)
- Product of the Year IPO Advisory (2006)
- 2015 ranked 4<sup>th</sup> on Institutional Investor's 2015 "FinTech Finance 35"
- 2008's top ranked investment banker named on Institutional Investors annual "Online Finance 40" ranking
  - Consecutively ranked for 3 years (2008, 2007, 2006)
- Founder and Managing Partner, Steve McLaughlin, lauded highest honors as both "Dealmaker of the Year" and "Financing Professional of the Year"
- Top award winning Investment Bank collecting more than 12 separate awards for outstanding performance and client results
  - FT Partners has received over 75 award nominations across an unprecedented array of categories
- FT Partners' "IPO Advisory" service as demonstrated in one of the most successful Payments IPOs in history, Verifone received its third industry award in 12 months for Product of the Year
  - Previously recognized in our 2006 Financing Professional of the Year award and 2005 Deal of the Year



# Dealmaker of the Year Investment Bank of the Year Deal of the Decade

#### Selected Transactions:

- \$4.50 billion Heartland's Sale to Global Payments
- \$1.65 billion Mercury Payments Systems' sale to Vantiv
- \$1.50 billion TransFirst's sale to Vista Equity Partners
- \$900 million Mercury Payments Systems' 60% strategic investment by Silver Lake
- \$525 million Sale of Lynk Systems to RBS
- \$438 million Sale of CardConnect to FinTech Acquisition Corp
- \$370 million Sale of Custom House to Western Union
- \$369 million Sale of Fleet One to Wright Express
- \$325 million Sale of Verus to Sage Group
- \$300 million Sale of Currencies Direct to Palamon and Corsair Capital
- \$300 million Minority Capital Raise for GreenSky
- \$300 million Jack Henry's acquisition of iPay Technologies
- \$253 million AvidXchange's Series E financing
- \$238 million Growth Equity Investment in SquareTrade by Bain Capital and Bain Capital Ventures
- \$177 million Financial advisory role on Verifone's IPO
- \$135 million Minority Capital Raise for Kabbage
- \$100 million Growth Equity Investment in Chrome River