FT PARTNERS FINTECH INDUSTRY RESEARCH

May 8, 2017



Signifyd Raises \$56 million in Series C Financing Led by Bain Capital Ventures





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"

Steve McLaughlin: Founder & CEO

Tel: 415.992.8880

steve.mclaughlin@ftpartners.com



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Transaction Summary



Transaction Summary

- On May 4, 2017, Signifyd announced that it has raised \$56 million in Series C financing led by Bain Capital Ventures
 - Other investors in the round include Menlo Ventures,
 American Express Ventures and other existing investors
- Signifyd plans to use the funding to expand its teams, with a focus on doubling the size of its existing engineering department in the next year
 - The Company will also continue to scale its products for merchants across the US, Europe and Asia
- This Series C funding round follows two other growth financings in 2016
 - In February, Signifyd announced a \$20 million round and in September, raised an additional \$19 million
- The Company used the funds last year to increase its number of merchants to over 5,000, grow transaction volume by 20 times, increase revenue by 4.5 times year over year and raise its number of employees by 50% from the year before to over 100 people
- In the last year, the Company has also partnered with a number of new companies, including Salesforce Commerce Cloud, Magento, Accertify and Threat Metrix
- As a result of the transaction, Indy Guha, a Partner at Bain Capital Ventures, will join Signifyd's Board of Directors

Transaction Commentary

"Our rapid growth has been made possible by our customers' ability to scale, enter new markets and accept orders their competitors have turned away. E-commerce is fiercely competitive and we see a whole new wave of competition arriving in the form of brick-and-mortar retailers shifting their focus online. In this environment, merchants are seeking a fully predictable cost for fraud that can eliminate liability and free up internal resources to focus on growth, customer service along with product and service innovation."



Rajesh Ramanand Co-Founder, CEO



"Signifyd is emblematic of the range of industries that can be reimagined with machine learning and Al. Raj and team have invented a new approach to fraud prevention, harnessing data from over 5,000 merchants to deliver a 6x ROI to their customers. Bain Capital Ventures has deep ties to the retail ecosystem through investments like Jet.com and our private equity arm owns retail brands like Michael Stores, BlueNile, Toys R' Us and many others. Our belief in the Signifyd approach runs deep. Thanks to its unmatched machine learning technology, Signifyd will continue to scale and protect some of the largest online retailers."



Indy Guha
Partner

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Signifyd Overview



Public Records

Company Overview

Headquarters:



CO-Founder & CEO:

Rajesh Ramanand

San Jose, CA

Founded: 2011

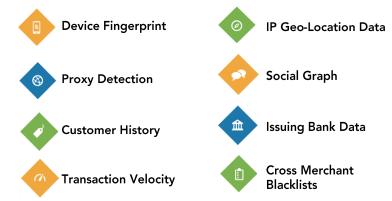
- Signifyd helps e-commerce businesses sell confidently while protecting them from fraud
- The Guaranteed Fraud Protection offering provides a 100% financial guarantee against fraud or chargebacks on every approved order
- The Company offers its solution by analyzing multiple data sources to determine the validity of a transaction amongst over 100 or more indicators
- The Company was founded by a team of risk experts from PayPal to address the complexity of payment validation and help online merchants mitigate risk
- Signifyd's software sits on top of existing payment structures
- Can use Shopify, Magento or Bigcommerce with Signifyd plugins or the Signifyd API to integrate manually

Recent Financing History

Date	Amount (\$ in mm)	Investor(s)	
09/02/16	\$19	American Express Ventures; Menlo Ventures; TriplePoint Capital	
02/25/16	20	Allegis Capital; IA Ventures; Menlo Ventures; QED Investors	
07/13/15	7	Allegis Capital; IA Ventures; Lucas Venture Group; QED Investors; Resolute Ventures; Tekton Ventures	
12/19/12	4	Andreessen Horowitz; Data Collective; IA Ventures; QED Investors; Resolute Ventures; Tekton Ventures	

Products and Services Overview

✓ Analyzes Multiple Data Sources



✓ Guaranteed Payments

Search Engine

Guarantees payments even if there is fraud – users can request for all transactions, international order or specific cases to be processed and reviewed by Signifyd

✓ Payouts within 48 hours

Signifyd pays clients back within 48 hours including chargeback fee and shipping cost

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Bain Capital Ventures Overview



Overview





Matt Harris Managing Director, FinTech



Indy Guha Partner



Mike Krupka Managing Director



Brian Goldsmith *Principal, FinTech*

Locations

- Boston, MA (HQ)
- New York, NY

- Palo Alto, CA
- San Francisco, CA

About

- Founded in 1984 as the venture / growth investment subsidiary of Bain Capital
- Manages over \$2bn of committed capital with over 125 investments since inception
- Can partner with Bain Capital affiliates to lead large transactions up to \$150mm
- Implements a flexible investment mandate with the ability to deploy capital from seed to growth buyouts
- Serves as an active partner, supporting portfolio companies with strategy, customer and partner introductions, M&A and recruiting

Investment Preferences

Investment Criteria

Fund Size: \$600mm

Fund Raised: 2016

Investment Range: \$.5mm – 100 mm

Revenue: NA

EBITDA: NA

General Preferences 1

Control: Minority, Majority

Geography: U.S.

Transaction Type: Seed, Venture, Growth, Buyout

Industry Focus: Enterprise SaaS,

Commerce Technology, Financial Services, Data & Info Services, Marketing Technology,

Infrastructure & Cloud, Healthcare IT, Consumer

Selected Recent Investments / Exits

FinTech / Financial Services Investments 2

Date	Company	Deal Amt. ³	Board Rep.	Sector
05/17	Signifyd (Series C)	\$56	Indy Guha	Pymts
04/17	FlowCommerce (Series A)	16	Scott Friend	Pymts
02/17	OpenFin (Series B)	15	NA	CapMkts
11/16	Roofstock (Series B)	20	Matthew Harris	Bnkg
05/16	Apixio (Series D)	19	Jared Kesselheim	HCIT
05/16	SigFig (Series D)	40	Matt Harris	CapMkts
05/16	Bench (Series B)	16	Indranil Guha	ВРО
03/16	Justworks (Series C)	33	Matt Harris	FMS
02/16	Aria Systems (Series E)	50	Salil Deshpande	FMS
12/15	Venminder (Series B)	4	Mike Krupka	ВРО
10/15	DGC (Early-Stage VC)	NA	NA	Pymts
10/15	DocuSign (Series F)	310	Enrique Salem	FMS
10/15	TrueMotion (Series A)	10	NA	Ins
08/15	AvidXchange (Series E)	225	NA	FMS
07/15	Remedy Partners (Series B)	50	Mike Krupka	HCIT
04/15	OpenFin (Early-Stage VC)	3	Matt Harris	FMS
03/15	Booker Software (Series C)	35	Deepak Sindwani	Pymts
01/15	Flywire (Series C)	22	Matt Harris	Pymts
12/14	Dynamics (Series C)	70	John Connolly	Pymts
08/14	IEX Group (Series C)	75	NA	CapMkts

Source: Company website, PitchBook

- 1) Italics indicate preferred control / geography
- 2) * denotes M&A exit; ** denotes IPO exit

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Menlo Ventures Overview



Overview





Mark Siegel Partner



Venky Ganesan Managing Director



Pravin Vazirani *Managing Director*



Tyler Sosin Principal

Locations

· Palo Alto, CA

About

- Founded in 1976 by H. DuBose Montgomery and 3 other partners, Menlo Ventures is one of the first venture capital firms established in Silicon Valley
- Has had numerous successful exits since inception, with 70 IPO's and over 100 mergers and acquisitions
- Manages a flexible investment mandate, making seed investments up to \$250k through its Menlo Talent Fund through participation in pre-IPO transactions
- Menlo Ventures takes an active role in each investment by serving on portfolio companies' boards
- Has invested in some of the most well known technology companies in the world, including Uber, Gilead and Tumblr

Investment Preferences

Investment Criteria

Fund Size: \$400 mm

Fund Raised: 2015

Investment Range: <\$30mm

Revenue: NA

EBITDA: NA

General Preferences 1

Control: Minority

Geography: North America

Transaction Type: Venture, Growth

Industry Focus: Advertising

Technology, E-Commerce,
Marketplaces,
Mobile, Gaming,
New Media, Social
Media Internet,
Cloud, SaaS,
Communications,
Hardware, Security,
Storage & Big Data

Selected Recent Investments / Exits

FinTech / Financial Services Investments²

Date	Company	Deal Amt. ³	Board Rep.	Sector
05/17	Signifyd (Series C)	56	Pravin Vazirani	Pymts
03/17	ProducePay (Early Stage VC)	77	Pravin Vazirani	Bnkg
01/16	Bluevine Capital (Series D)	49	Tyler Sosin	Bnkg
10/16	HomeMe (Seed)	3	NA	Bnkg
08/16	BitSight Technologies (Series B)	40	Venky Ganesan	Ins
02/16	RealtyShares (Series B)	20	John Jarve	CapMkts
01/16	FiveStars (Series C)	50	Pravin Vazirani	Pymts
05/15	CreditSesame (Series D)	16	John Jarve	Bnkg
09/13	Check (Intuit)*	24	Doug Carlisle	Bnkg
01/13	Nexxo Financial (Moneygram)*	10	Doug Carlisle	Pymts
09/12	ParAccel (Actian)*	26	John Jarve	FMS
08/11	BloomSpot (JP Morgan)*	40	Pravin Vazirani	Pymts
02/09	Golden Gateway Financial (Series A)*	5	NA	Bnkg
02/08	Cellfire (Catalina Marketing)*	12	Doug Carlisle	Pymts
02/07	ProfitLine (Series B)*	7	Doug Carlisle	FMS
04/05	PassMark Security (RSA Security)*	6	NA	Bnkg
03/05	Vhayu Technologies (Thomson Reuters)*	10	NA	CapMkts

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American Express Ventures Overview



Overview







Rohit Bodas Partner



Julia Huang Principal



Lindsay Fitzgerald *Principal*

Locations

Palo Alto, CA (HQ)

New York, NY

About

- Founded in 2012 as the corporate venture arm of American Express
- Seeks to invest in innovative businesses that will enhance American Express' core capabilities, especially in digital commerce and financial inclusion
- Participates in both early- and late-stage venture transactions as a co-investor, but does not invest in seed rounds
- Particularly interested in core payment processing, internet-enabled commerce, card security and fraud

Investment Preferences

Investment Criteria

Fund Size: NA

Fund Raised: NA

Investment Range: NA

Revenue: NA

EBITDA: NA

General Preferences 1

Control: Minority

Geography: Global

Transaction Type: Venture, Growth

Industry Focus: Financial

Technology, Digital Commerce.

Payments, Financial Management,

Banking Technology

Selected Recent Investments / Exits

FinTech / Financial Services Investments²

Date	Company	Deal Amt. ³	Board Rep.	Sector
05/17	Signifyd (Series C)	\$56	NA	Pymts
01/17	iZettle (Series D)	175	NA	Pymts
01/17	Payfone (Series E)	24	NA	Pymts
12/16	IndiaLends (Series A)	4	NA	Bnkg
06/16	Plaid Technologies (Series B)	44	NA	Bnkg
06/16	Tradeshift (Series D)	75	NA	FMS
05/16	Simplee (Series C)	20	NA	HCIT
05/16	Bigcommerce (Series E)	30	NA	FMS
12/15	Trulioo (Later Stage VC)	15	NA	FMS
12/15	PayClip (Series A)	8	NA	Pymts
12/15	MobiKwik (Series B)	32	NA	Pymts
09/15	ABRA (Series A)	12	NA	Pymts
08/15	iZettle (Series D)	67	NA	Pymts
08/15	SumUp (Payleven)*	11	NA	Pymts
07/15	Stripe (Series D)	100	NA	Pymts
02/15	Bill.com (Later-Stage VC)	50	Harshul Sanghi	FMS
09/14	Cignifi (Series B)	5	Rohit Bodas	Bnkg
04/14	LearnVest (Northwestern Mutual)*	27	Harshul Sanghi	CapMkts

Selected FT Partners' Research - Click to View



Transaction Security



Heartland's Sale to Global Payments



PayPal Acquires TIO Networks for \$233 million



Global Money Transfer



Central Payment's Strategic Investment from TSYS



Harland Clarke Acquires
RetailMeNot



PayPal Spin-off Overview



Square Completes its IPO



Vantiv Acquires Paymetric



Apple Unveils Apple Pay



First Data: Post Quiet Period Review



Wirecard Acquires Citi's Merchant Acquiring Business in APAC

VIEW MORE FT PARTNERS RESEARCH

FT Partners' Research – Transaction Security Report



FT Partners' 130+ page report provides an in-depth look at Transaction Security, which has emerged as one of the fastest growing sub-segments of FinTech

Included in this report...

- Discussion of key industry trends driving card-not-present transactions and the subsequent increase in demand for smarter transaction security solutions
- Highlighted transaction security technologies and various solutions available for merchants and issuers
- Exclusive CEO interviews including CardinalCommerce, Forter, BillGuard, Feedzai and more
- Broad landscape of transaction security including sector sub-segments
- Profiles of 40+ companies involved in transaction security
- Comprehensive list of private equity financing and M&A transactions in the space

Please visit our <u>website</u> for more proprietary FinTech Research & Follow FT Partners on Twitter and LinkedIn for real time updates on our Research Publications

Strong Domain Expertise in Payments Investment Banking































Unparalleled experience in payments across the entire spectrum of transaction types and dynamics, with extremely strong execution and outcomes

Timeline of Selected FT Partners eCommmerce & Payment Processing Transactions

GiftCards... Investment in FT Partners has a history of \$120mm cardconnect. \$70mm strategic executing on some of the Sale to \$438mm HARBORTOUCH investment from most ground-breaking CARDINAL TRANSFIRST[®] >> BLACKHAWK Sale to COMMERCE FinTech Acquisition Corp \$675mm FinTech transactions in the Sale to Recap YAPSTONE VISA Bain Capital Ventures Heartland last decade+ \$4.5bn \$50mm Central Payment **™** MERCURY® Sale to Financing from 2016 MERCURY Recap by \$900mm **global**payments **ACCEL** \$1.65bn Sale iudo Majority **TSYS** to Sale to Growth vantiv Valuation SILVERLAKE century Financing from of \$700mm PAYMENTS ROUTE SIXTY-SIX Currencies \$100+mm Direct Sale to \$310mm+ VeriFone. PROPAY" **€** Transfirst° 🚫 Remitly CUSTOM worldpay HOUSE Sale to \$135mm \$1.5bn \$38.5mm **Palamon** \$370mm \$177mm Sale to Sale to **Financing** VERUS nmi CORSAIR CAPITAL (now Sage Sale to **IPO** ₩ **TSYS** Payments) Vista Equity Partners WESTERN UNION \$325mm Growth Σ nmi avidxchange Sale to Investment **MARQETA** from \$25mm \$235mm (now WorldPay US) Growth Financing from **Great Hill** Financing Investment \$525mm CentralPayment. SOLVERAS from Bain Capital Ventures Sale to \$110mm PAYMENT SOLUTIONS" azimo **Bregal**Sagemount nyca 💮 TPG KeyBank The Royal Bank of Scotland Sale to **FOUNDRY** \$50mm \$20mm EET ON 2004 ---**TSYS** Sale to Financing from \$369mm \$416mm frog cardspring TRANSFIRST VeriFone. Sale / IPO Sale to Sale to YAPSTONE Wex VeriFone. twitter \$540mm Debt SUM UD® \$60mm Debt (fka Merchant Financing to Financing from Warehouse) Financing from \$292mm acquire in its GROUPON Debt Comerica Bank Recap by Lipman Recap **BBVA** PARTHENON CAPITAL PARTNERS **Bregal**Sagemount

Ground-Breaking Transactions Pioneered by FT Partners



Sale of a payment processor to a SPAC vehicle



First sale of an "International Payments Specialist" to a pureplay consumer remittance provider



Largest U.S. strategic merchant acquiring acquisition in over the last decade



Substantial growth investment in leading payments enablement technology provider



Significant capital raise for next gen processor serving commerce startups and disruptors



First large-scale transaction for an integrated merchant acquirer



Groundbreaking strategic round for early stage European payments company



First sale of a U.S. merchant acquirer to an international software company; became Sage Payments



First sale of a payments company to an established social media company



First sale of a U.S. merchant acquirer to a large international financial institution; became Worldpay U.S.

FT Partners Advises CardinalCommerce's 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

Financial Technology Partners LP

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



in its sale to





The Only Investment Bank Focused Exclusively on Financial Technology

FT Partners Advises Feedzai on its \$17.5 million in Series B Financing

Overview of Transaction

- On May 19, 2015, Feedzai announced the completion of its \$17.5 mm Series B round from Oak HC/FT, Sapphire Ventures and Espirito Ventures
- Feedzai uses machine learning and big data science to provide enterprise software for fraud and risk management
- Oak HC/FT's General Partner, Patricia Kemp, and Venture Partner, Jonathan Weiner, will join the Company's Board of Directors

Significance of Transaction

- The financing will be used to expand sales and engineering teams to help meet customer demands for the software
- This investment strengthens Feedzai's position in the fraudprevention vertical, allowing the Company to develop new solutions for the world's largest payment providers, banks and retailers

FT Partners' Role

- FT Partners served as exclusive financial advisor to Feedzai and its Board of Directors
- The transaction demonstrates FT Partners' continued leadership in serving top-tier Financial Technology companies by assisting them in achieving their long-term strategic and capital raising goals

Financial Technology Partners LP **FTP Securities LLC**

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



in its Series B financing from







for approximately

\$ 17,500,000



The Only Investment Bank Focused Exclusively on Financial Technology

Award-Winning Investment Banking Franchise Focused on Superior Client Results

FT Partners has been recognized as Investment Banking Firm of the Year and regularly achieves Merger and Financing Deal of the Year recognition



M&A Advisor **Awards**

2016	 Investment Banking Firm of the Year Cross Border Deal of the Year
2015	 Dealmaker of the Year Technology Deal of the Year
2014	 Equity Financing Deal of the Year Professional Services Deal of the Year, Above \$100mm
2012	 Dealmaker of the Year Professional Services Deal of the Year, Above \$100mm
2011	 Boutique Investment Bank of the Year Deal of the Decade 10 Deal of the Year Nominations Across 9 Categories
2010	 Upper Middle Market Deal of the Year, Above \$500 mm IT Services Deal of the Year, Below \$500mm Cross-Border Deal of the Year, Below \$500mm
2007	 Dealmaker of the Year – Steve McLaughlin Business to Business Services Deal of the Year Computer and Information Technology Deal of the Year, Above \$100mm Financial Services Deal of the Year, Above \$100mm
2015	Steve McLaughlin ranked #4 in Institutional Investor's FinTech 35 List
006 - 2008	 Consecutively ranked (2006, 2007 and 2008) among the top Bankers in Fir Technology



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Financial



Middle Market Financing Awards 2008

- Equity Financing Dealmaker of the Year Steve McLaughlin
- Information Technology Deal of the Year
- Financial Services Deal of the Year

Financing Professional of the Year - Steve McLaughlin 2006

- Financing Deal of the Year Equity
 - Financing Deal of the Year Debt

The FT Partners Senior Banker Team

Name / Position	Prior Background	Experience / Education	Years of Experience
Steve McLaughlin Founder, CEO and Managing Partner	Goldman Sachs	 Formerly with Goldman, Sachs & Co. in New York and San Francisco from 1995-2002 Former Co-Head of Goldman Sachs' Financial Technology Group (#1 market share) Wharton M.B.A. 	22
Larry Furlong Managing Director	Goldman Sachs	 Formerly with Goldman, Sachs & Co. in New York, London and Los Angeles beginning in 1995 Wharton M.B.A. 	22
Greg Smith Managing Director	Merrill Lynch J.P.Morgan	 Formerly award winning Equity Research Analyst at Merrill Lynch / J.P. Morgan / Hambrecht & Quist 20+ years of experience covering FinTech as both an Analyst and Investment Banker 	21
Osman Khan Managing Director	pwc	 Former Managing Director / Head of FIG M&A at Alvarez & Marsal 15+ years FIG deal, consulting and assurance experience at PwC 40 Under 40 M&A Advisor Award Winner in 2013 LSE (BSc w/Honors), MBS (MBA w/Distinction), ICAEW (FCA) 	20
Steve Stout Managing Director	J.P.Morgan	 Former Global Head of Strategy at First Data Formerly Led J.P. Morgan Payments Investment Banking Former Equity Research Analyst on #1 ranked team at UBS and Economist at the Federal Reserve Bank 	19
Tim Wolfe Managing Director	Goldman Sachs	 Formerly with Goldman, Sachs & Co. beginning in 2000 Started at FT Partners in 2002 40 Under 40 M&A Advisor Award Winner 2013 Harvard M.B.A. 	15
Timm Schipporeit Managing Director	Morgan Stanley Index Ventures	 11+ years with Morgan Stanley, Senior Executive Director of European Technology Investment Banking Team in London Formerly a Venture and Growth Investor focused on FinTech at Index Ventures 	14
Andrew McLaughlin Managing Director, Research & Business Development	Deloitte.	 Leads FT Partners' Research and Business Development Team Formerly with Deloitte Consulting 	11