

FT PARTNERS FINTECH INDUSTRY RESEARCH

February 16, 2018



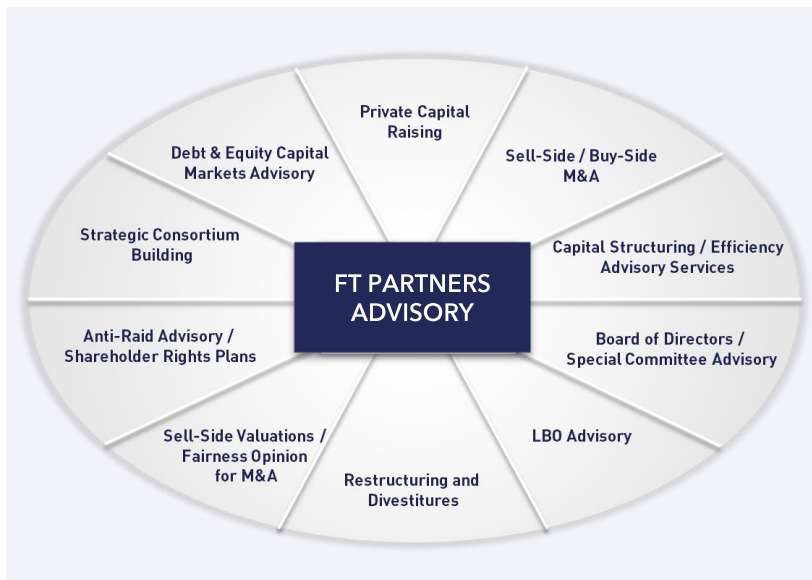
Duetto Raises \$80 million in Series D Financing Led by Warburg Pincus

WARBURG PINCUS

FT Partners Overview

- 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

In-Depth Industry Research Reports

Proprietary FinTech Infographics

Monthly FinTech Market Analysis

FinTech M&A / Financing Transaction Profiles



The Information

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



Ranked #1 Most Influential Person in all of FinTech in *Institutional Investors* "FinTech Finance 40"



THE M&A ADVISOR

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

Duetto Raises \$80 million in Series D Financing



Transaction Overview

Transaction Summary

- On February 14, 2018, Duetto announced it has raised \$80 million in Series D Financing led by funds affiliated with Warburg Pincus
 - This transaction represents the largest non-acquisition investment in a hotel software company to date
- Duetto provides revenue management and analytics software for the hotel industry
- Current investors include Warburg Pincus, Icon Ventures, Accel Partners, Battery Ventures and Spectrum 28
- The Company has raised a total of \$143 million to date
- Duetto services more than 2,500 hotels and casinos in over 60 countries

Investor Commentary

"Duetto has established itself as the market leader in the hotel revenue management space, providing its customers with next-generation solutions to optimize demand, maximize rates and minimize costs. With its strong domain experience and deep cloud SaaS technology leadership, Duetto is uniquely positioned to bring new capabilities to the hospitality industry. We look forward to supporting Patrick and the Duetto leadership team in their next chapter of growth."

WARBURG PINCUS

Ashutosh Somani
Managing Director



Management Commentary

"As the pace of change has accelerated and the threats of digital disruption have grown, so have our efforts to help this industry we are so passionate about. We are pleased to have the support of Warburg Pincus, whose extensive experience in building SaaS businesses of scale will help drive our growth and provide solutions to more hoteliers worldwide. For more than a decade, hotel companies have been looking for ways to compete more effectively with online travel agencies and drive more direct business. By unifying data across the tech stack, our platform has become the single source capable of delivering true personalization to consumers. Hoteliers now have the ability to increase conversion and drive more direct engagement with consumers by personalizing pricing and merchandising at the point of booking."



Patrick Bosworth
Co-Founder & CEO



"We want to modernize ecommerce in the hotel industry with our Revenue Strategy Platform at the center of the new hotel tech stack. Our cloud platform is open and agnostic and we look forward to partnering with other technology companies to unlock new ways of driving efficiencies and more revenue for the hotelier. With our agile development process, we will continually improve our core applications while looking to develop new products when there is a crucial industry need not being served."



Marco Benvenuti
Chief Marketing and Strategy Officer



Duetto Raises \$80 million in Series D Financing



Duetto Overview

Company Overview



CEO:	Patrick Bosworth
Headquarters:	San Francisco, CA
Founded:	2012

- Duetto operates a cloud-based Revenue Strategy Platform servicing the hospitality industry
- Hotels and casinos benefit from increased booking conversions, guest loyalty and revenue
 - Duetto customers see a 6.5% higher rate of revenue growth compared to their competitors
- The Company hopes to modernize e-commerce for the hospitality industry through SaaS

Selected Financing History

Date	Size (\$ mm)	Financing Round	Investor(s)
07/31/15	\$30	Series C	Icon Ventures; Accel Partners; Altimeter Capital; Battery Ventures; Icon Ventures; Rally Ventures; Spectrum 28
05/14/14	21	Series B	Accel Partners; Altimeter Capital; Battery Ventures; Rally Ventures
12/11/12	10	Series A	Altimeter Capital; Battery Ventures; Thayer Ventures; Trinity Ventures
04/19/12	2	Seed	Battery Ventures; Benchmark Capital

Products Overview

GameChanger



Allows for open and independently priced distribution channels, customer segments, hotel room types and stay dates

ScoreBoard



Leverages purchase history and customer data to deliver customizable reports showing key performance metrics and forecasts

BlockBuster



Provides open pricing for contracted group business and better collaboration between sales and revenue management teams

PlayMaker



Customizes marketing content and product offerings to specific guests based on data analytics

Duetto Raises \$80 million in Series D Financing



Warburg Pincus Overview

Overview

WARBURG PINCUS



Adarsh Sarma
Managing Director



Cary Davis
Managing Director



Stephanie Geveda
Managing Director



Ashutosh Somani
Managing Director

Selected Locations

- New York, NY (HQ)
- London, UK
- Hong Kong, China
- San Francisco, CA

About

- Founded in 1966, by Eric Warburg and Lionel Pincus, Warburg Pincus has invested over \$50bn since inception
- Warburg Pincus brings strong industry knowledge, market experience, the ability to invest and support all stages of a company, a long-term investment horizon, and the ability to fully align the interests of a portfolio company's management and the firm's own interests
- Active portfolio has more than 120 companies of various size across numerous industries

Investment Preferences

Investment Criteria

Fund Size:	\$13.4 bn
Fund Raised:	2015
Investment Range:	\$20 – 1,000 mm
Revenue:	NA
EBITDA:	NA

General Preferences ¹

Control:	Minority, Majority
Geography:	North America, Europe, Asia / Pac, Latin America
Transaction Type:	Venture, Growth, Buyout, Spinoff, MBO/LBO, Recapitalization, Bankruptcy / Distressed
Industry Focus:	Financial Services, Healthcare, TMT, Energy, Consumer, Industrial and Services

Selected Recent Investments / Exits

FinTech / Financial Services Investments ²

Date	Company	Deal Amt. ³	Board Rep.	Sector
02/18	Duetto (Series D)	\$80	NA	FMS
02/18	Fiserv's Lending Solutions Business (Buyout)	395	NA	Bnkg
01/18	Varo Money (Series B)	45	Cary Davis, David Coulter	Bnkg
08/17	eSentire (Growth)	NA	NA	CapMkts
08/17	SCM Insurance Services (Growth)	NA	NA	Ins
05/17	Modernizing Medicine (PE Growth)	231	Amr Kronfol, Fred Hassan	HCIT
03/17	Avaloq (Growth)	350	NA	Bnkg
03/17	Alignment Healthcare (Growth)	115	NA	HCIT
01/17	Nexera Holding (Growth)	NA	NA	Bnkg
10/16	Ascentium Capital (SBO)	NA	NA	Bnkg
09/16	Avalara (Series D2)	96	Justin Sadrian	FMS
08/16	Mosaic (Series C)	220	NA	Bnkg
05/16	DocuTAP (Buyout)	NA	NA	HCIT
05/16	Varo Money (Later Stage VC)	27	David Coulter	Bnkg
11/15	ITG Investment Research (Buyout)	120	Cary Davis	CapMkts
10/15	WEX (PIPE)	NA	NA	Pymts
10/15	Interactive Data Corp (Intercontinental Exchange)*	3,400	NA	CapMkts

Source: Company website, PitchBook

1) Italics indicate preferred control / geography

2) * denotes M&A exit; ** denotes IPO exit

3) Deal Amount in mm

Financial Management Solutions Sector

FT Partners has the experience and capabilities to generate outstanding outcomes for a wide breadth of companies that provide Financial Management Solutions



FT Partners – Focused Exclusively on FinTech

FT PARTNERS RESEARCH

Selected Transactions - Superior Industry Knowledge and Execution History

<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as financial advisor to</p> <p>taulia</p> <p>in its Series E financing led by</p> <p>zouk</p> <p>\$ 46,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>avidxchange</p> <p>in its Series F minority financing from</p> <p>mastercard</p> <p>TEMASEK</p> <p>THIEL</p> <p>\$ 300,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>CHROMERIVER</p> <p>in its Series D investment from</p> <p>Great Hill PARTNERS</p> <p>for total consideration of approximately</p> <p>\$ 100,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>avidxchange</p> <p>in its acquisition of</p> <p>STRONGROOM</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic advisor to</p> <p>feedzai</p> <p>in its Series E financing from</p> <p>OAK HC/FT ESPIRITO SANTO SAPPHIRE VENTURES</p> <p>for approximately</p> <p>\$ 17,500,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>wave</p> <p>in its financing, including investment from</p> <p>SC OPF OMERS</p> <p>for approximately</p> <p>\$ 10,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic advisor to</p> <p>BROWZ</p> <p>in its growth financing for total consideration of</p> <p>\$ 10,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>
<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>INSURANCE TECHNOLOGIES</p> <p>in its sale to</p> <p>MOELIS CAPITAL PARTNERS</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as financial advisor to</p> <p>GreenSky</p> <p>in its minority investment from</p> <p>FIFTH THIRD BANK</p> <p>for total consideration of</p> <p>\$ 50,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as financial advisor to</p> <p>taulia</p> <p>in its investment from</p> <p>QUESTMARK PARTNERS zouk BBVA edbi</p> <p>for total consideration of approximately</p> <p>\$ 65,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>KUBRA</p> <p>in its 80% majority sale to</p> <p>HEARST corporation</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>ShareholderInSite</p> <p>in its sale to</p> <p>IPREO</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>Performant</p> <p>in its debt financing led by</p> <p>MADISON CAPITAL FUNDING</p> <p>Totaling approximately</p> <p>\$ 148,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole debt capital advisor to</p> <p>jack henry & ASSOCIATES INC.</p> <p>in its acquisition of</p> <p>iPay Technologies</p> <p>for total consideration of approximately</p> <p>\$ 300,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>
<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as strategic and financial advisor to</p> <p>MERCURY</p> <p>in its cash sale to</p> <p>vantiv</p> <p>for total consideration of</p> <p>\$ 1,650,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>CUSTOM HOUSE</p> <p>in its sale to</p> <p>WESTERN UNION</p> <p>for total cash consideration of approximately</p> <p>\$ 370,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>YAPSTONE</p> <p>ePayments as a Service</p> <p>in its minority investment led by</p> <p>ACCEL PARTNERS</p> <p>for total consideration of approximately</p> <p>\$ 50,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>ATD</p> <p>Automated Trading Desk, LLC</p> <p>in its sale to</p> <p>citi</p> <p>for cash and stock consideration of approximately</p> <p>\$ 680,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as sole strategic and financial advisor to</p> <p>FLEET/ONE</p> <p>in its cash sale to</p> <p>wex</p> <p>for total consideration of approximately</p> <p>\$ 369,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as Capital Markets & IPO Advisor to</p> <p>ACCRETIVE HEALTH</p> <p>results providers trust</p> <p>in its</p> <p>\$138,000,000</p> <p>Initial Public Offering</p> <p>valuing the equity at approximately</p> <p>\$ 1,200,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>	<p>Financial Technology Partners LP FTP Securities LLC</p> <p>is pleased to announce its exclusive role as strategic and financial advisor to</p> <p>Heartland</p> <p>in its sale to</p> <p>globalpayments</p> <p>for total consideration of</p> <p>\$ 4,500,000,000</p> <p>FINANCIAL TECHNOLOGY PARTNERS</p> <p>The Only Investment Bank Focused Exclusively on Financial Technology</p>

FT Partners – Focused Exclusively on FinTech

FT PARTNERS RESEARCH

Selected FT Partners' Research (click to view)



AvidXchange's \$300 million Series F Financing Led by Mastercard



Billtrust's \$50 million Minority Financing



Riskconnect's Sale to Thoma Bravo



Feedzai's Series C Financing



MetricStream Raises \$65 million in Financing



Intuit Acquires TSheets for \$340 million



ACL Services Raises \$50 million in Financing



Anaplan Raises \$60 million in Series F Financing

[VIEW MORE FT PARTNERS RESEARCH](#)

Award-Winning Investment Banking Franchise Focused on Superior Client Results

Institutional Investor
Institutional Investor
Annual Ranking

2017
2015 - 2016
2006 - 2008

- Ranked #1 Most Influential Executive on Institutional Investor's FinTech 40 List
- Steve McLaughlin Ranked Top 5 on Institutional Investor's FinTech 35 List
- Consecutively Ranked (2006, 2007 and 2008) among the Top Bankers on Institutional Investor's "Online Finance 40"

I The Information

2016

- Ranked #2 Top Technology Investment Banker on The Information's "Silicon Valley's Most Popular Dealmakers"



M&A Advisor
Awards

2015 - 2017

2010 - 2014

2004 - 2007

- Investment Banker of the Year – 2017
- Investment Banking Firm of the Year – 2016
- Cross Border Deal of the Year - 2016
- Dealmaker of the Year – 2015
- Technology Deal of the Year – 2015
- Equity Financing Deal of the Year - 2014
- Professional Services Deal of the Year, Above \$100 mm – 2014
- Dealmaker of the Year – 2012
- Professional Services Deal of the Year, Above \$100 mm – 2012
- Boutique Investment Bank of the Year – 2011
- Deal of the Decade – 2011
- Upper Middle Market Deal of the Year, Above \$500 mm – 2010
- IT Services Deal of the Year, Below \$500 mm – 2010
- Cross-Border Deal of the Year, Below \$500 mm – 2010
- Dealmaker of the Year – Steve McLaughlin – 2007
- Business to Business Services Deal of the Year - 2007
- Computer and Information Technology Deal of the Year, Above \$100 mm – 2007
- Financial Services Deal of the Year, Above \$100 mm – 2007
- Investment Bank of the Year – 2004



Middle Market
Financing Awards

2006 - 2008

- Equity Financing Dealmaker of the Year – Steve McLaughlin – 2008
- Information Technology Deal of the Year – 2008
- Financial Services Deal of the Year – 2008
- Financing Professional of the Year – Steve McLaughlin – 2006

The FT Partners Senior Banker Team

Name / Position	Prior Background	Experience / Education	Years of Experience
Steve McLaughlin <i>Founder, CEO and Managing Partner</i>		<ul style="list-style-type: none"> 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. 	23
Greg Smith <i>Managing Director</i>		<ul style="list-style-type: none"> 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 	22
Osman Khan <i>Managing Director</i>		<ul style="list-style-type: none"> 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) 	21
Steve Stout <i>Managing Director</i>		<ul style="list-style-type: none"> 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 	20
Tim Wolfe <i>Managing Director</i>		<ul style="list-style-type: none"> 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. 	16
Timm Schipporeit <i>Managing Director</i>		<ul style="list-style-type: none"> 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 	15
Andrew McLaughlin <i>Managing Director</i>		<ul style="list-style-type: none"> 20+ years experience executing / implementing financial and operational strategy Formerly with Deloitte Consulting 	12