March 30, 2016 Financial Technology Partners

FT Partners Research - Transaction Profile



acquires

Boardvantage

for

\$200 million

Courtesy of:



The Only Investment Bank
Focused Exclusively on Financial Technology
www.ftpartners.com

Steve McLaughlin Managing Partner Tel: 415.992.8880

steve.mclaughlin@ftpartners.com

Financial Technology Partners LP 555 Mission St., 23rd Floor

San Francisco, CA 94105 Tel: 415.512.8700

y in

Highly Confidential and proprietary information. Unauthorized distribution without prior consent from Financial Technology Partners LP or FTP Securities LLC (together "FT Partners") is strictly prohibited.

This communication should not be regarded as an offer to sell or as a solicitation of an offer to buy any financial product or service, nor is it an official confirmation of any transaction, or representative of an official position or statement of Financial Technology Partners LP, FTP Securities LLC or any other related entity. FTP Securities LLC is a FINRA registered broker-dealer. © 2016



Nasdaq Acquires Boardvantage for \$200 mm

Transaction Summary

Transaction Summary

- On March 21, 2016, Nasdaq announced that it has agreed to acquire Boardvantage for \$200 mm
 - Nasdaq will fund the purchase with a mix of debt and cash
- The transaction is expected to close in the first half of 2016
- The acquisition is expected to be accretive to Nasdaq's non-GAAP earnings within 12 months of closing
 - The acquisition is not expected to have any material impact on Nasdaq's financial leverage or capital return strategy
- Boardvantage clients will gain access to Nasdaq's thought leadership program including governance best practice expertise from the Company's senior management
- The integration of Boardvantage's collaboration platform will enhance Nasdaq's Director Desk product, which supports board communication, workflow and decision making tools
- This acquisition, along with the Nasdaq's other recent acquisition of Marketwired will help strengthen the Company's position as a global corporate services provider

Transaction Commentary



"Upon acquisition, Boardvantage will complement our focus on developing leading financial

technology solutions and delivering the most intuitive, streamlined decision making and collaboration tools for boards, executives and enterprise management in the world. Our collaboration and productivity-oriented workflow products and services provide a foundation for our corporate solutions business. We are deeply focused on addressing the demands of boards and leadership teams for innovative tools that strengthen management, engagement and insight throughout their organizations."



Stacie Swanstrom
Senior Vice President,
Head of Corporate
Solutions

Boardvantage

"This is an exciting day for Boardvantage. As the global leader in financial technology

solutions, Nasdaq is a natural home for Boardvantage. Since our founding, we have focused on technology leadership for board and leadership communication. We are thrilled to be part of Nasdaq Corporate Solutions."



Joe Ruck President & CEO









Nasdaq Acquires Boardvantage for \$200 mm

Boardvantage Overview

Boardvantage provides paperless products for board of director members and executive leadership offering efficient and secure communication and workflow tools

Company Overview



Gary Katz President & CEO



Junaid Syed Chief Technology Officer

Menlo Park, CA **Headquarters:**

Founded: 2000

~150 **Employees:**

Selected Customers

Customers include half of the Fortune 500 companies















Financing History

| Date | Size (\$mm) | Buyers / Investors | |
|----------|-------------|--------------------------------|--|
| 06/01/07 | \$5.4 | AY PARTNERS Foundation CAPITAL | |
| 11/08/04 | 5.5 BAY I | PARTNERS Foundation LANDMARK | |
| 03/30/04 | 2.8 | Foundation CAPITAL | |
| 11/30/02 | 5.5 | Foundation CAPITAL | |
| 12/31/01 | 0.7 | Foundation CAPITAL | |

Product Overview

MeetX

- **Create & Present Meeting** Agenda / Process
- Distribute private documents based on set permission quidelines
- Secure messaging





- eSignatures / approvals
- Conferencing for remote meetings
- Shared annotations & document collaboration
- Password, Touch ID or PIN Code authentication
- ✓ Work offline: Automatically syncs when back online
- ✓ Decrease risk of discoverability: documents can be erased remotely in case of theft; separate content by team / board; 2 factor authentication security
- Helps processes become more timely, productive and organized

FINANCIAL TECHNOLOGY **PARTNERS**



Nasdaq Acquires Boardvantage for \$200 mm

Market Cap.: \$10.7 bn

Nasdaq Overview

Ticker: NasdagGS:NDAQ

Company Stats

\$3.4 billion 2015 Revenues

\$428 million

2015 Net Income

\$2.50

2015 Diluted Earnings per Share

6.91 billion

Average Daily Share Volume for Cash Equities in 2015

50.6%

Total Market Share for US-Listed Cash Equities in 2015

143 Nasdaq Stock Market IPOs in 2015

FINANCIAL
TECHNOLOGY
PARTNERS

Bob Greifeld
CEO

Adena Friedman
President & COO

HQ: New York, NY

Founded: 1971

Employees: 3,824

- Nasdaq provides a variety of exchange trading and clearing technology solutions
- Operates across three main segments including market-related services, listing services and information technology services
- Nasdaq also operates a number of international exchanges covering all asset classes

| Nasdaq Stock Chart | | | | |
|--------------------|--|--|--|--|
| \$70 | 3/9/16 \$65.37 | | | |
| \$65 | WAZ.A | | | |
| \$60 | I HAVE MAN AND THE PARTY OF THE | | | |
| \$55 | and and any and any | | | |
| \$50 | was and a day | | | |
| \$45 | Pari Man, Int., Int., Print, Seat, Oct., Pari, Dec., Ist., Lep., Mat., o | | | |

| Transaction History | | | | | |
|---------------------|-----------------|-----------|--|--|--|
| Date | Size (\$ mm) | Туре | Target | | |
| 03/09/16 | \$1,100 | M&A | Acquired: S = | | |
| 02/12/16 | 108 | M&A | Acquired: MARKET WIRED | | |
| 01/15/16 | 36 | M&A | Acquired: Digital Reasoning | | |
| 12/08/15 | NA | M&A | Acquired: | | |
| 09/31/15 | 30 | Financing | Invested in: Chain | | |
| 01/05/15 | 225 | M&A | Acquired: DORSEY WRIGHT & ASSOCIATES | | |
| 12/31/13 | NA | M&A | Acquired: BORSA iSTANBUL | | |
| 03/07/13 | 412 | Financing | Invested in: CLCH.CLEARNET | | |



Significant Experience in Capital Markets Technology

Wealth Management

ata / Analytics

High Frequency Trading





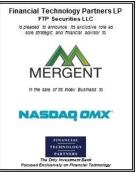


















Significant Experience in Capital Markets Technology

Trading Technology

> Other Capital Markets Technology

















FT Partners Advises Shareholder Insite in its Sale to Ipreo

Transaction Overview and Rationale

Overview of Transaction

- On November 4th, 2014, Shareholder Insite, Inc. ("Shareholder Insite") was acquired by Ipreo
- Shareholder InSite is the premier provider of shareholder data management, analytics, reporting and valuation solutions and services for venture capital and private equity investors and private companies in their portfolios
- Financial terms of the transaction were not disclosed

Significance of Transaction

- The acquisition of Shareholder Insite by Ipreo, backed by Blackstone and Goldman Sachs, provides a foundation for Ipreo's new Alternative Assets business, leveraging its strengths in data management and capital-raising workflow with Shareholder InSite's industry expertise and complementary industry-leading solutions
- Shareholder InSite's marquee products, Qval and CapControls, are the industry standards for the administrative, deal modeling, and valuation needs for alternative asset managers; its suite of robust self-valuation solutions delivers financial insights, simplifies and accelerates audit processes, and improves the accuracy and defensibility of valuations

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Shareholder Insite and its Board of Directors
- FT Partners leveraged its deep knowledge and extensive experience to help navigate significant inbound interest to find the right strategic partners for the business and achieve a highly favorable outcome for stakeholders
- Transaction demonstrates FT Partners' continued success in achieving highly attractive outcomes for entrepreneurs across the financial technology industry

FINANCIAI Technology Partners LP FTP Securities LLC

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



in its sale to









FT Partners Advises AlphaSense in its \$33 mm Financing

Transaction Overview and Rationale

Overview of Transaction

- On March 7, 2016, AlphaSense ("the Company") announced a financing round led by Triangle Peak Partners, Tribeca Venture Partners and Quantum Strategic Partners, a private investment vehicle managed by Soros Fund Management
- The round also includes notable individual investors, including Tom Glocer, former CEO of Thomson Reuters
- AlphaSense provides intelligent search and alerting capability across a vast library of disparate resources giving users an information edge
- The professional search functionality leverages sophisticated natural language processing and search technology that streamlines finding and tracking the most relevant information

Significance of Transaction

- AlphaSense will use the new capital to help fund its exceptional growth, as well as continue building out the platform with additional features and functionality
- Firmly positions the Company to expand its products and services and continue to conquer its market in solving the information overload problem for knowledge professionals

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to AlphaSense and its Board of Directors
- Highlights FT Partners' continued success in achieving highly attractive outcomes for leading SaaS-based technology firms

Financial Technology Partners LP **FTP Securities LLC**

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



in its growth financing from

Quantum Strategic Partners

(a private investment vehicle managed by SOROS)







for total consideration of

\$ 33,000,000







FT Partners Advises PENSCO Trust Company in its \$105 Million Sale to Opus Bank

Transaction Overview and Rationale

Overview of Transaction

- On January 25, 2016, PENSCO Trust Company ("PENSCO") announced its sale to Opus Bank ("Opus") (Nasdaq: OPB) for approximately \$105 million (as adjusted) in a mix of cash and stock
- Backed by Panorama Point Partners, PENSCO is a leading custodian of self-directed IRA and alternative investments
- Opus is an FDIC insured California-chartered commercial bank with \$6.2 billion of total assets, \$5.0 billion of total loans, and \$4.9 billion in total deposits⁽¹⁾
- Following the transaction, PENSCO will operate as a subsidiary of Opus
- The transaction is expected to close in Q2 2016

Significance of Transaction

- The acquisition positions Opus at the forefront of the alternative asset wealth services business
- PENSCO provides Opus with strong, recurring non-interest income based on assets under custody
- The transaction also presents additional potential revenue opportunities through Opus' Merchant Bank, Commercial Bank, Retail Bank and Opus Financial Partners, Opus' brokerdealer subsidiary

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to PENSCO and its Board of Directors
- Highlights FT Partners' continued success advising a broad range of top-tier strategic investors across the financial technology landscape

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 approximately

\$ 105,000,000





FT Partners Advises BlackRock in its Acquisition of FutureAdvisor

Transaction Overview and Rationale

Overview of Transaction

- On August 26, 2015, BlackRock (NYSE: BLK) announced a definitive agreement to acquire 100% of FutureAdvisor
- FutureAdvisor is a leading digital wealth management platform with technology-enabled investment advice capabilities
- BlackRock offers investment management, risk management and advisory services to institutional and retail clients worldwide and has over \$4.7tn in assets under management⁽¹⁾
- Following the transaction, FutureAdvisor will operate as a business within BlackRock Solutions ("BRS"), BlackRock's investment and risk management platform
- The transaction is expected to close in Q4 2015

Significance of Transaction

- Combines FutureAdvisor's tech-enabled advice capabilities with BRS' investment and risk management solutions
- Enables BlackRock to provide a B2B digital advice platform, which helps financial institution partners both improve their clients' investment experiences and grow advisory assets
- Empowers partners to meet the growing demand among consumers to engage with technology to gain insights on their investment portfolios
 - Demand is particularly strong among the mass-affluent, who account for ~30% of investable assets in the U.S.

FT Partners' Role

- FT Partners served as exclusive advisor to BlackRock
- Highlights FT Partners' continued success advising a broad range of top-tier strategic investors across the financial technology landscape

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as advisor to

BLACKROCK

in its 100% acquisition of









FT Partners Advises Liquidnet on its Minority Financing

Transaction Overview and Rationale

Overview of Transaction

- Liquidnet announced it had raised \$250 million in financing from Technology Crossover Ventures and Summit Partners
- Liquidnet provides liquidity to traders through global alternative trading system that crosses buy and sell orders anonymously
- After less than four years, Liquidnet is ranked as one of the top 14 largest NYSE institutional brokers and the 15th largest Nasdaq broker⁽¹⁾
- Technology Crossover Ventures is a California-headquartered venture fund focusing on technology investments
- Summit Partners is a principal investment firm specializing in later stage venture capital, private equity, and mezzanine debt financings

Significance of Transaction

- Transaction represented the largest ever U.S.-based minority private equity investment in technology / financial services sector (Thomson Venture Economics / NVCA)
- At the time, largest single investment by Technology Crossover Ventures and Summit Partners
- Highly sought after transaction; numerous top-tier private equity investors submitted bids

FT Partners' Role

- FT Partners acted as sole strategic and financial advisor to Liquidnet and its Board of Directors
- Assignment was highly sought after by bulge bracket investment banks
- FT Partners' knowledge of the industry in combination with its knowledge of the potential investor universe helped the Company reach a highly successful transaction

FINANCIAI Technology Partners LP FTP Securities LLC

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



in its financing for approximately

\$ 250,000,000

valued at approximately

\$ 1,800,000,000







FT Partners Advises Automated Trading Desk on its Sale to Citi

Transaction Overview and Rationale

Overview of Transaction

- Automated Trading Desk, Inc. ("ATD") announced its sale to Citi for total consideration of approximately \$680 million in cash and stock
- ATD is a trading-technology company that pioneered the development and creation of systems and software for automated limit-order trading
- Citi is a leading global financial services company that provides consumers, corporations, governments and institutions with a broad range of financial products and services

Significance of Transaction

- The acquisition allowed Citi to gain traction in the fast growing automated trading market, including equities and options
 - Citi leveraged ATD's strong technological expertise to ensure best execution prices and realize significant time and cost savings
- Citi was able to expand its market-making capabilities in listed equity and options
 - ATD offers automated execution solutions in all domestic equity markets, including the listed, over-the-counter, exchange-traded fund and bulletin board markets
- The acquisition allowed Citi to gain access to and strengthen its relationships with a broader client base

FT Partners' Role

 FT Partners served as exclusive strategic and financial advisor to ATD and its Board of Directors

FINANCIAI 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 cash and stock consideration of approximately

\$700,000,000







Selected FT Partners' Research (click to view)



Research Report: Innovations in Capital Markets Technology



PENSCO Trust Company's Sale to Opus Bank



BlackRock's acquisition of FutureAdvisor



AlphaSense's \$33 mm growth financing



BATS files for its IPO



Wipro's acquisition of Viteos for \$130 mm



ICE's acquisition of Trayport for \$650 mm



Nasdaq's acquisition of ISE for \$1.1 bn



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 13 years of exclusive focus on Financial Technology. Please visit our <u>subscription form</u> to subscribe to our exclusive monthly newsletter and receive our research reports.



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







■ Financing Deal of the Year - Equity

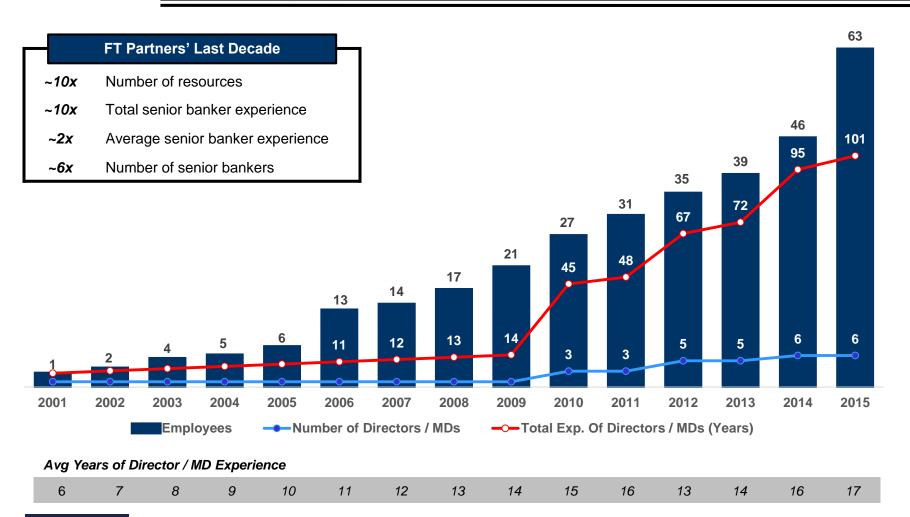
■ Financial Services Deal of the Year

■ Financing Deal of the Year - Debt

Middle Market

2006

Platform of Choice for Clients and Bankers Alike







The FT Partners Senior Banking 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 Formerly Co-Head of Goldman Sachs' Financial Technology Group (#1 market share) Wharton M.B.A. | 21 |
| 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. | 21 |
| Greg Smith Managing Director | Merrill Lynch J.P.Morgan sterne agee | Formerly award winning Equity Research Analyst at Merrill Lynch / J.P. Morgan / Sterne Agee Recent coverage included DST, ENV, FISV, FIS, V, MA, GPN & HPY among others | 20 |
| Tim Wolfe Managing Director | Goldman Sachs | Formerly with Goldman, Sachs & Co. beginning in 2000 40 Under 40 M&A Advisor Award Winner 2013 Harvard M.B.A. | 14 |
| Andrew McLaughlin Managing Director, Research & Business Development | Deloitte. | Leads FT Partners' Research and Business Development Team Formerly with Deloitte Consulting | 10 |



