FT PARTNERS FINTECH INDUSTRY RESEARCH

April 27, 2018

CERIDIAN

Ceridian Completes its IPO Raising \$462 million

(NYSE:CDAY)



FT Partners Overview

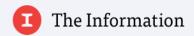
- Financial Technology Partners ("FT Partners") was founded in 2001 and is the only investment banking firm focused exclusively on FinTech
- FT Partners regularly publishes research highlighting the most important transactions, trends and insights impacting the global Financial Technology landscape. 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





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"



IPO Overview

CERIDIAN

Key IPO Statistics

CEO:	David D. Ossip
Headquarters:	Minneapolis, MN
Founded:	2007
Employees:	4,212
Prospectus File Date:	March 26, 2018
Ticker:	NYSE:CDAY
Gross Proceeds:	\$462 mm
Shares:	21 million
Initial Filing Range:	\$19.00 – 21.00
Listing Date:	April 26, 2018
Offer Price:	\$22.00

Ceridian closed at \$31.21 a share, up nearly 42%, at the end of its first trading day on April 26, 2018.

Use of Proceeds

The Company intends to use the offering proceeds for general corporate purposes and to repay outstanding senior notes and a portion of accrued interest.



CERIDIAN

Ceridian Overview

Company Overview

- Ceridian provides a cloud-based human capital management (HCM) software for companies of all sizes
 - Human resources, talent management, payroll and tax, benefits administration and workforce management
- The Company services various industries: financial services, retail, manufacturing & CPG, entertainment & hospitality, health & human services and others
- One main solution and two legacy offerings include:
 - Cloud HCM: Offerings include Dayforce and Powerpay
 - Bureau HCM: Delivered via service-bureau model with three service lines – payroll, payroll-related tax filing and outsourced human resource solutions
 - LifeWorks: Joint venture offering employee assistance, wellness, recognition and incentive programs

Date	Size (\$ mm)	Type Investor(c)					
03/30/16	\$150	Growth	Thomas H. Lee Partners; Fidelity National Financial; Ceridian management				
05/30/07	5,300	Take Private	Thomas H. Lee Partners; Fidelity National Financial				

Products Overview



Dayforce

Human Capital Management



- Encompasses the entire employee lifecycle
- Global HR, payroll, benefits, workforce management and talent management





- Cloud platform providing scalable payroll and HR solutions
- Designed for smaller Canadian businesses with less than 100 employees

Ceridian HR / Payroll Small Business Payroll



 Allows for self service tax filing and ACA reporting



Management Team

CERIDIAN

David Ossip
Chairman &
Chief Executive Officer



- David has served as Chairman since August 2015 and as Chief Executive Officer since July 2013
- He previously founded Dayforce and served as Chief Executive Officer until the Company was acquired by Ceridian in 2012
- Currently, Daniel operates as Director for Ossip Consulting Inc. and OSDAC Corp.

Paul Elliott
President &
Chief Operating Officer



- Paul has served as President and Chief Operating Officer since April 2016
- He joined Ceridian Canada in 2004 as Chief Financial Officer, and has also held the position of Chief Operating Officer at Ceridian Canada
- Prior to Ceridian, Paul was the Chief Financial Officer at several technology companies

Arthur GitajnExecutive Vice President & Chief Financial Officer



- Arthur has served as Executive Vice President and Chief Financial Officer since October 2016
- Prior to joining Ceridian, he was Chief Financial Officer for SAP Canada as well as for SAP's Europe, Middle East, and Africa region

Ted MalleyExecutive Vice President & Chief Revenue Officer



- Ted has served as Executive Vice President and Chief Revenue Officer since January 2018
- He joined Ceridian in March 2015, having held the positions of Chief Customer Officer and Senior Vice President of Products
- Previously, Ted held executive positions at RelatedMatters and Ultimate Software

Ozzie Goldschmied Executive Vice President & Chief Technology Officer



- Ozzie has served as Executive Vice President and Chief Technology Officer since October 2014
- He was previously Senior Vice President of Research and Development
- Additionally, Ozzie was Senior Vice President of Engineering at Dayforce prior to the 2012 acquisition

Industry Overview

CERIDIAN

Ceridian stands to benefit from a substantial global opportunity as market dynamics change the way businesses interact with their employees

The HCM technology market is growing from

\$19.7 billion
2018 Market Size

to

\$25.4 billion

2021 Market Size

Employer-Employee Relationships

- Employees want quick access to pay, schedules, benefits, performance, learning opportunities, etc.
- Important for employers and employees to develop a relationship and remain connected

Access to Data

- More than just collecting employee-related data, companies should utilize the data
- Often disorganized data collection, difficult to harness

Regulatory Requirements

- Labor, tax and compliance regulations are increasingly complex for businesses to keep up with
- Difficult to comply with federal, state and local legislations regarding HCM

New Predictive Technologies

- Big data can drive predictive models to improve the business overall
- Companies could apply AI to employee scheduling hiring, retention and compensation

Global Markets Underserved

- Companies are expected to abide by tax and employment laws across several countries
- Existing HCM solutions are unable to account for these requirements

Disparate Technologies

- Legacy solutions are often composed of several platform acquisitions and vendor partnerships
- Inconsistent frameworks and standards results in overcomplication and stand to benefit from unification

Growth Strategy

CERIDIAN

CERIDIAN

As the human capital management market continues to move to the cloud, Ceridian will grow as market demand increases for the Company's solutions

Expand Market Share

in North America as well as worldwide, localizing Dayforce software to service additional countries

Grow Partnerships

with third parties in both product and sales to expand customer base and lower customer acquisition costs

Increase Sales

from existing customers who are not using the full Dayforce platform by selling add-on functionalities

Service Gig Economy

and the increasing amount of independent freelancers with same-day onboarding and payments

Expand Platform

and invest in innovation, incorporating big data and AI to bring new solutions and increase platform breadth

Promote Culture

as a unique differentiator, having a start-up environment paired with deep industry expertise

Selected Risk Factors



Ceridian's operational and financial performance may be affected by the following risk factors:

Operating History

- The Company has a history of net losses, may not achieve profitability or sustain future growth
- New Cloud solutions have experienced revenue growth, offset by revenue decline in Bureau solutions

Products and Services

- Limited number of products, may be unable to maintain current or develop new products and services
- A breach of security or products perceived as unsecure will harm the business

Market

- Enterprise cloud computing market is highly competitive and subject to fluctuations
- · Customer funds held by Ceridian are subject to market, interest rate, credit and liquidity risks

Third Party Service Providers

- Ceridian depends on third parties to upkeep data centers, process ACH and wire transfers, among others
- Important to maintain strategic relationships with third parties

Personnel

- Attracting and retaining top talent and employees, maintaining corporate culture
- Highly dependent on senior management team

Laws and Regulations

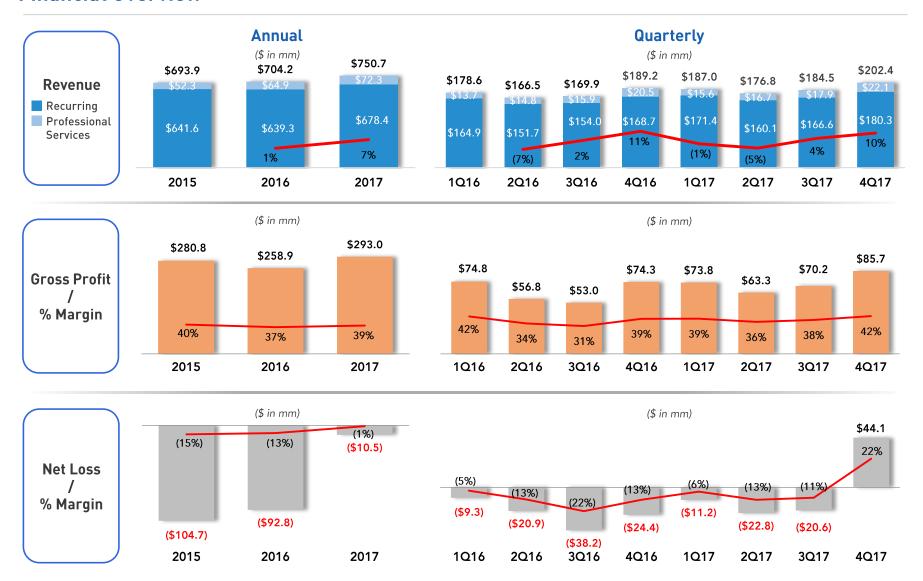
- Intellectual property infringement claims may affect business
- Must comply with privacy, security and data laws; subject to general litigation

Indebtedness

- As a holding company, depends on dividends, distributions and other payments form subsidiaries
- Indebtedness may increase, subject to volatility and weakness in bank and capital markets

Financial Overview

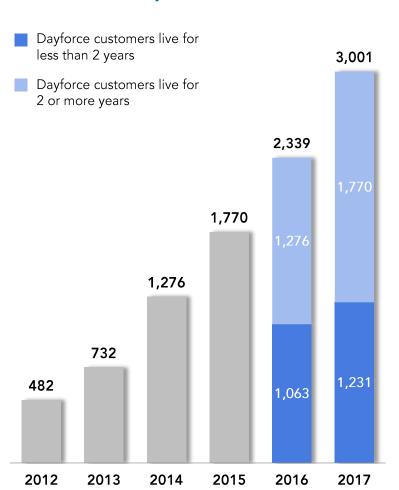
CERIDIAN



Key Business Metrics Overview

CERIDIAN

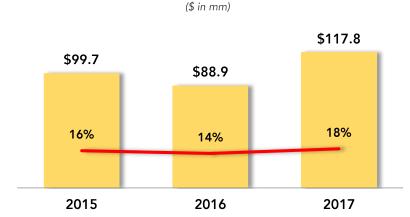
Live Dayforce Customers



Cloud Annualized Recurring Revenue [1]



HCM Adjusted EBITDA (2) / % Margin



Publicly Traded Comparables

CERIDIAN

	Price	% MTD	% LTM	Market Value	Enterprise Value	Price / E	arnings		Multi			EV / Rev	/enile	Gre Reve	owth Rat	es EPS	Marg		P/E/G
Company Name	04/26/18			(\$ mm)	(\$ mm)	CY 18E		LTM	CY 18E		LTM	CY 18E C			CY 19E	LT	CY 18E (
Ceridian	\$ 31.21	na	na	\$ 4,210	\$ 5,454	na	na	44.7 x	na	na	7.3 x	na	na	na	na	na	na	na	na
HR / TAX SOLUTIONS																			
Automatic Data Processing	\$ 118.69	5 %	95 %	\$ 52,794	\$ 53,020	26.7 x	23.7 x	19.5 x	18.2 x	16.4 x	4.1 x	3.9 x	3.6 x	8 %	7 %	14 %	21 %	22 %	2.0 x
Paychex	60.75	(1)	83	21,905	21,541	23.0	21.2	15.3	15.0	14.4	6.5	6.2	5.8	8	6	9	41	40	2.5
H&R Block	28.55	12	90	5,991	7,672	9.1	11.8	8.3	8.6	9.5	2.5	2.5	2.4	0	2	11	29	25	0.8
The Ultimate Software Group	240.12	(1)	93	7,365	7,210	44.4	36.6	nm	26.0	21.4	7.7	6.5	5.5	18	18	26	25	26	1.7
Insperity	77.15	11	99	3,202	2,950	25.4	22.2	20.5	15.0	13.1	0.9	0.8	0.7	12	11	17	5	5	1.5
Cornerstone OnDemand	43.95	12	95	2,577	2,547	nm	38.8	nm	28.3	20.0	5.3	5.1	4.6	5	10	15	18	23	na
Convergys Corporation	23.57	4	88	2,162	2,224	14.0	13.7	6.2	6.8	6.5	0.8	0.8	0.8	(5)	0	9	12	13	1.6
WageWorks	42.95	(5)	56	1,702	1,055	21.2	18.5	11.5	6.4	5.7	2.3	2.0	1.9	8	8	15	32	33	1.4
Hogg Robinson Group	1.66	0	96	545	586	14.9	11.9	9.5	6.7	5.8	1.3	1.2	1.1	5	8	12	18	19	1.3
Median		4 %	93 %			22.1 x	21.2 x	11.5 x	15.0 x	13.1 x	2.5 x	2.5 x	2.4 x	8 %	8 %	14 %	21 %	23 %	1.5 x
Mean		4	88			22.3	22.0	13.0	14.5	12.5	2.5	3.2	2.9	7	8	14	22	23	1.6

Selected FT Partners' Research - Click to View



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



FT PARTNERS

PANSACTION ANNOUNCEMENT

TECHNOLOGY

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The Only Investment Bank

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The Only Investment Bank Focused Exclusively on FinTech **Intuit Acquires TSheets**

for \$340 million



Riskonnect's Sale to Thoma Bravo

FT PARTNERS FINTECH INDUSTRY RESEARCH

March 1, 2018

C2FO Raises \$100 million in Financing Led by

Allianz X and Mubadala

Allianz MUBADALA

The Only Investment Bank Focused Exclusively on FinTech



FT Partners is Pleased to Announce its

Feedzai's Series C **Financing**



FT Partners is Pleased to Announce its

Exclusive Role as Sole Strategic and Financial Advisor to

billtrust

in its Minority Financing Led by

RIVERWOOD S CAPITAL

for a total consideration of

\$ 50,000,000

C2FO Raises \$100 million in Financing



Anaplan Raises \$60 million in Series F Financing

VIEW MORE FT PARTNERS RESEARCH



Duetto Raises \$80 million in Series D Financing

Selected Transactions - Superior Industry Knowledge and Execution History











































SUMMIT PARTNERS

FT Partners – Focused Exclusively on FinTech

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	Selected Prominent Investors Led Rounds
MERCURY®	\$420,000,000+	- Accel DST
GreenSky	300,000,000+	Premji Invest
avidxchange	300,000,000	ICONÍQ RCP REVERENC CAPITAL PARTNERS
avidxchange	253,000,000	BainCapital D T N
liquidnet.***	250,000,000	PRIVATE EQUITY TO THE CAISE
square trade protection	238,000,000	BainCapital Ventures
GreenSky **	200,000,000	capitalG CIBC
O YAPSTONE	181,000,000	nyca OED
nmi	150,000,000+	KeyBank
ADDEPAR	140,000,000	m 🗫 🖟 F
Kabbage [*]	135,000,000	maveron 乾源资本 Bat
Remitly	115,000,000	Adams Street Partners Santano
Tradingscreen SIMPLIFYING GLOBAL MARKETS*	110,000,000+	khosla ventures
CHROMERIVER	100,000,000	mastercard _{Pa}
credit karma	85,000,000	QUESTMARK PARTNERS
earnest	75,000,000	SILVERLAKE E



FT Partners Advises AvidXchange in its Series F Financing

Overview of Transaction

- On June 8, 2017, AvidXchange announced a minority \$300mm Series F financing round
 - Mastercard, CDPQ and Temasek co-led the equity round with participation from Thiel Capital
- As part of this financing, Colleen Taylor of Mastercard and Nicolas Westphal of CDPQ joined AvidXchange's Board of Directors
- In addition to the equity investment, AvidXchange also announced a strategic partnership with Mastercard to deliver accounts payable and payment automation to midsize businesses; the offering will be marketed as The Mastercard B2B Hub powered by AvidXchange
- AvidXchange is a best-in-class business-to-business payments company that is revolutionizing how companies pay their bills by automating the invoice and payment processes
 - The Company focuses on serving mid-market 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
- Strategic relationship with Mastercard expected to fuel additional growth in driving forward Avid's existing bank channel
- 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

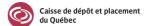
Financial Technology Partners LP FTP Securities LLC

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



in its Series F minority investment from





TEMASEK

THIEL

for total consideration of

\$ 300,000,000



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



FT Partners Advises Billtrust on its Minority Financing

Overview of Transaction

- On May 25, 2017 Billtrust announced it has raised \$50 million in a minority financing round from Riverwood Capital
 - Riverwood joins existing investors, Edison Partners, Goldman Sachs and Bain Capital Ventures
- As part of this financing, Francisco Alvarez-Demalde of Riverwood joined Billtrust's Board of Directors
- Billtrust is the pioneer of payment cycle management, helping clients automate and accelerate their accounts receivable (AR) processes to increase cash flow, improve operational efficiency and increase customer satisfaction
- Riverwood Capital is a private equity firm that invests in high growth technology companies

Significance of Transaction

- The transaction will further help Billtrust expand as the leading independent provider of payment cycle management solutions
- Firmly positions the Company to continue to grow its core business (Quantum Payment Cycle Management) with expanded services as well as pursue opportunistic acquisitions and continue global expansion

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Billtrust 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 leadership in the Financial Management Solutions space

Financial Technology Partners LP FTP Securities LLC

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



in its minority financing led by



for a total consideration of

\$ 50,000,000



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

is pleased to announce its exclusive role as financial advisor to



in its Series E financing led by



for total consideration of approximately

\$46,000,000



FT Partners Advises Wave in its \$10 million Financing

Overview of Transaction

- On May 12, 2015, Wave ("the Company") announced a \$10 mm Series C investment with participation from CRV, The Social+Capital Partnership, OMERS Ventures, and a strategic investor in the global fintech software space
- Wave is the leading SaaS / cloud-based financial management platform for micro-small businesses offering advanced proprietary accounting, invoicing, payroll and payment capabilities through integrated software applications
- The Company supports a rapidly growing customer base with Wave customer's currently invoicing more than \$6 bn per year, and running over \$250 mm in payroll per year
- Wave is tracking \$60 bn in income and expenses for its customers

Significance of Transaction

- This transaction brings total investment in Wave to \$35 mm, with the new funds earmarked for ongoing innovation and development of small business financial tools
- The Company is the fastest-growing small business financial solution on the market today, driving 10,000+ organic small business signups every week

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Wave and its Board of Directors
- The transaction demonstrates FT Partners' continued success in executing growth equity focused transactions and advising top-tier financial management software providers

Financial Technology Partners LP

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



in its financing, including investment from







for approximately

\$10,000,000



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"
The Information	2016	 Ranked #2 Top Technology Investment Banker on The Information's "Silicon Valley's Most Popular Dealmakers"
2017 - 2004 ANNUAL AWARDS WINNER M&A Advisor	2015 - 2017 2010 -2014	 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
Awards	2004 - 2007	 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 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. 	23
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 	22
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) 	21
Steve Stout Managing Director	J.P.Morgan First Data	 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 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. 	16
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 	15
Andrew McLaughlin Managing Director	Deloitte.	 20+ years experience executing / implementing financial and operational strategy Formerly with Deloitte Consulting 	12