FT PARTNERS FINTECH INDUSTRY RESEARCH

May 17, 2018



Cloudvirga Raises \$50 million in Series C Financing Led by Riverwood Capital





The Only Investment Bank Focused Exclusively on FinTech

FT Partners Overview

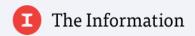
- Financial Technology Partners ("FT Partners") was founded in 2001 and is the only investment banking firm focused exclusively on FinTech
- FT Partners regularly publishes research highlighting the most important transactions, trends and insights impacting the global Financial Technology landscape.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



Transaction Summary



Transaction Summary

- On May 16, 2018, Cloudvirga announced it had secured \$50 million in Series C financing led by Riverwood Capital
 - Existing investor, Upfront Ventures, also participated in this round
 - This Series C brings the total funds raised by Cloudvirga to more than \$77 million
 - The Company previously raised a \$20 million Series B led by Incenter, and a \$7.5 million Series A led by Upfront Ventures, Dallas Capital and Tribeca Angels
- Cloudvirga will use the funds to further support both mortgage lenders and borrowers
 - The new investment will enable Cloudvirga to help lenders reduce loan production costs through automation
 - With the Series C injection of capital, the Company will also empower borrowers with greater transparency and engagement throughout the entire mortgage process
- Riverwood executives, Scott Ransenberg and Jay Schneider, will both join Cloudvirga's board of directors

Transaction Commentary

"We believe the material opportunity in the \$1.6 trillion U.S. mortgage market lies in digitizing and automating not just the loan application, but the mortgage factory. Our industry's current 'shiny object syndrome' has resulted in a preoccupation with the digital application. Instead, Cloudvirga's technology uniquely tackles the mortgage cost problem, which has helped us garner tremendous interest from many of the country's top private-equity funds. Ultimately, we found our ideal capital partner in Riverwood Capital, whose unique experience supporting rapidly growing fintech firms from both Silicon Valley and New York is a perfect fit for Cloudvirga. We are also grateful for Upfront Ventures' ongoing confidence in our company."



Michael Schreck CEO



"The mortgage market is one of the largest in the country, yet innovators are still nibbling on the edges of mortgage automation. Cloudvirga has the right fusion of mortgage and technology DNA to transform the way lenders do business. Cloudvirga's blue chip customer base, which includes many of the largest and most sophisticated mortgage lenders in the country, is a testament to their unique end-to-end solution."



Scott Ransenberg Principal



Cloudvirga Raises \$50 million in Series C Financing

Cloudvirga Overview



Company Overview



CEO:	Michael Schreck
Headquarters:	Irvine, CA
Founded:	2016

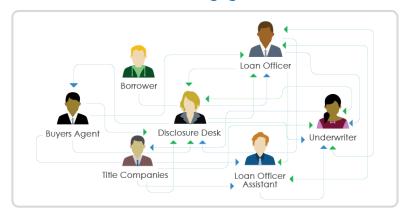
- Cloudvirga is revolutionizing the entire mortgage origination process by building intelligence into the digital mortgage
 - The Company's mortgage POS (point-of-sale) platform automates and streamlines the process to cut costs and improve the borrower and loan officer experience
 - Cloudvirga offers two product platforms: Cloudvirga Consumer POS and Cloudvirga Enterprise POS

Selected Equity Financing History		
Date	Size (\$ mm) Investor(s)	
05/16/18	\$50	Riverwood Capital; Upfront Ventures
03/27/17	20	Incenter
02/25/16	8	Tribeca Angels; Dallas Capital; Upfront Ventures

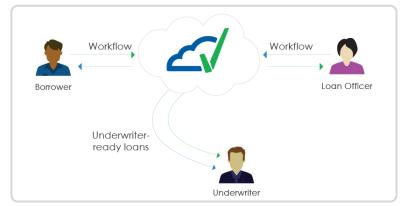
Products & Services Overview

Cloudvirga goes beyond a digital consumer mortgage application and also provides loan officers with the tools to structure more deals more efficiently and with less effort

X The Old Mortgage Process



✓ The Cloudvirga Mortgage Process



Selected Competitor Overviews





CEO:	Rajesh Bhat
Headquarters:	San Francisco, CA
Founded:	2012
Total Funding:	\$30 mm

- Roostify operates a web and mobile platform that simplifies the home-buying experience
 - The Company provides step-by-step guidance in the mortgage process
 - Agents, loan officers and home buyers are able to share and track key information easily and seamlessly



CEO:	Stephen Bulfer
Headquarters:	San Francisco, CA
Founded:	2015
Total Funding:	\$2 mm

- StreamLoan is provides a B2B SaaS solution for the residential real estate buying and financing process
 - The Company seeks to make the loan process simple, efficient and digital for both the lender and the borrower
 - StreamLoan provides a completely digital and mobile customer experience

lendsnap

CEO:	Orion Parrott
Headquarters:	San Francisco, CA
Founded:	2014
Total Funding:	\$1 mm

- Lendsnap operates a customer-centric lending platform
 - The Company delivers an immediate digital upgrade for loan originators at banks, credit unions and mortgage brokerages
 - Lendsnap's intuitive workflow makes it easy for borrowers to apply and loan officers to make a credit decision



CEO:	Nima Ghamsari
Headquarters:	San Francisco, CA
Founded:	2012
Total Funding:	\$180 mm

- Blend is digitizing the mortgage application process so both buyers and lenders can operate through a more streamlined application experience
 - The Company provides a comprehensive application with dynamic data, tailored to each borrower's specific situation

clara

CEO:	Jeff Foster
Headquarters:	San Francisco, CA
Founded:	2014
Total Funding:	\$27 mm

- Clara is streamlining and customizing the lending process to get both lenders and borrowers more confidence over the outcome
 - The Company guarantees a loan in as few as 15 days, or will give up to \$5,000 in credit
 - Clara will wave the 1% lender fee when customers apply online



CEO:	Vishal Garg
Headquarters:	New York, NY
Founded:	2014
Total Funding:	\$55 mm

- Better Mortgage uses data science, machine learning and user experience (UX) design to make the mortgage process enjoyable and exciting
 - The entire process is done online and customers can be pre-approved in 3 minutes
 - Better Mortgage earns no commission or origination fees

FT PARTNERS RESEARCH

Riverwood Capital Overview



Overview





Francisco Alvarez-Demalde Co-Founder, Partner



Michael Marks Co-Founder, Partner



Scott Ransenberg Principal



Jay Schneider Vice President

Locations

- Menlo Park, CA (HQ)
- New York, NY
- São Paulo, Brazil

About

- Founded in 2008, Riverwood Capital is a pan-American private equity firm with over \$2 bn in total capital under management
- Focuses on technology and tech-enabled services businesses, and comfortable taking either a minority or majority stake
- Has domain expertise and "Scalability Playbook" offering tangible help to portfolio companies
- Also provides access to strategic partnerships and multiple institutional relationships through its network

Investment Preferences

Investment Criteria

Fund Size: \$1,250mm

Fund Raised: 2014

Investment Range: \$10–125mm

Revenue: \$20mm+

EBITDA: NA

General Preferences 1

Control: Minority, Majority

Geography: Global, focus on the Americas

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Transaction Type: Venture, Growth, Buyout, Spinoffs

Industry Focus: IT & Telecom,

IT & Telecom,
Hardware & SemiConductors,
Consumer
Electronics, IT
Services &
Outsourcing,
Software, Digital &
Consumer Internet,
Tech-Enabled Biz.

Selected Recent Investments / Exits

FinTech / Financial Services Investments 2

Company	Deal Amt. ³	Board Rep.	Sector
Cloudvirga (Series C)	\$50	Jay Schneider, Scott Ransenberg	Bnkg
Billtrust (Growth)	50	Francisco Alvarez- Demalde	FMS
Nubox (Buyout)	12	NA	FMS
Conductor Tecnologia (Buyout)	NA	Francisco Alvarez- Demalde	Pymts
Zoop (Early Stage VC)	NA	NA	Pymts
Golntegro (PE Growth)	NA	Francisco Alvarez- Demalde	FMS
	Cloudvirga (Series C) Billtrust (Growth) Nubox (Buyout) Conductor Tecnologia (Buyout) Zoop (Early Stage VC)	Cloudvirga (Series C) \$50 Billtrust (Growth) 50 Nubox (Buyout) 12 Conductor Tecnologia (Buyout) NA Zoop (Early Stage VC) NA	Cloudvirga (Series C) \$50 Scott Ransenberg Billtrust (Growth) 50 Francisco Alvarez-Demalde Nubox (Buyout) 12 NA Conductor Tecnologia (Buyout) NA Francisco Alvarez-Demalde Zoop (Early Stage VC) NA NA Golntegro (PE Growth) NA Francisco Alvarez-Alvarez-Demalde

Other Notable Technology Investments 2

Date	Company	Deal Amt. ³	Board Rep.	Sector
12/17	Spoken (Avaya)*	\$6	NA	Software
08/17	Druva (Later-Stage VC)	80	Harish Belur, Jeff Parks	Data / IT
01/17	99 (Didi Chuxing)*	100	NA	Mobile App
12/16	IguanaFix (Series B)	16	NA	E-Comm
08/16	LogRhythm (Series E)	50	Harish Belur, Jeff Parks	CybrSec
09/15	H2O.ai (Series B)	20	NA	Software
08/15	Spoken Communications (Series D)	29	Chris Varelas	Software
07/15	Ticketfly (Pandora)*	50	Jeffrey Parks	E-Comm

Selected FT Partners' Research - Click to View



Credit Sesame's \$42 million Financing



Prosper's Series G Financing



Oakam's Debt Financing from Victory Park Capital



defi SOLUTIONS Raises \$55 million in Series C Financing



Figure Raises \$50 million in Financing



Silver Lake Acquires ZPG for \$3 billion



TransUnion Acquires Callcredit for Approximately \$1.4 billion



Tala Secures \$50 million in Series C Financing

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Track Record of Success in the Real Estate / Mortgage Tech Value Chain

Mortgage Origination



Property Management



Real Estate Invoicing & Payments



SaaS-based Loan Origination



Mortgage Technology



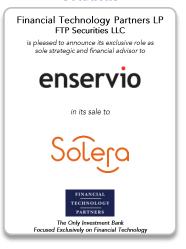
Listing Management Solutions



Consumer Home Improvement Financing



Property Insurance Solutions



Significant Experience Across the Banking / Lending Tech Space











































FT Partners has Advised on Many of the Largest Alt. Lending Transactions

Company	Investor(s)	Amount Raised
PROSPER	Affiliates of New Residential Jefferies THIRD POINT	\$5,000,000,000 Loan Commitment
GreenSky ^{**}	FIFTH THIRD BANK	2,000,000,000 Loan Commitment 50,000,000 Investment
GreenSky**	TPG DST ICONIQ WELLINGTON MANAGEMENT	300,000,000
GreenSky ™	PIMCO	200,000,000
Kabbage Kabbage	RCP REVERENCE CAPITAL PARTNERS ING Sociabank*	135,000,000
earnest	Adams Street By Battery Ventures mayeron	75,000,000
taulia	QuestMark Partners ZOUK BBVA edbi	65,000,000
INSIKT	FIRSTMARK revolution Colchis	50,000,000
PR05PER	Fund Co-Managed by:	50,000,000
credit sesame	Menlo ICP INVENTUS GLOBESPAN CAPITAL PARTIERS SF	42,000,000
Mnav	KPCB POINT?	38,000,000

In addition to these large rounds, FT Partners has advised on a number of other prominent Lending Tech /
Alt Lending transactions

























FT Partners Advises Optimal Blue on its Sale

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

FTP Securities LLC

is pleased to announce its exclusive role as financial advisor to



in its sale to





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FT Partners Advises WebEquity on its Sale

Overview of Transaction

- On June 9, 2014, WebEquity Solutions ("WebEquity") announced its sale to Moody's Analytics ("Moody's"), a unit of Moody's Corporation
- Backed by Alpine Investors, WebEquity is a leading provider of cloud-based / SaaS loan origination solutions for financial institutions
- The transaction is expected to close in the third quarter; financial terms of the transaction were not disclosed

Significance of Transaction

- WebEquity is one of the higher growing SaaS-based software models across the financial technology sector
- FT Partners also represented WebEquity's majority holder, Alpine Investors, in the highly successful \$145,000,000 sale of EDC to Cardtronics
- The acquisition strengthens Moody's position in loan origination software and bolsters its suite of risk management products for banks, insurance companies and corporations

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to WebEquity 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 stakeholders
- Transaction demonstrates FT Partners' continued success in achieving highly attractive outcomes for leading banking 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 sale to





The Only Investment Bank Focused Exclusively on Financial Technology

FT Partners Advises Ellie Mae on its \$146 million IPO

Overview of Transaction

- On April 14, 2011, Ellie Mae (the "Company") priced 7.5 million shares at \$6
 per share in its initial public offering, implying a total offering size of \$45
 million
- The Company began trading on the NYSE under the ticker ELLI
- Ellie Mae is a leading provider of enterprise level, on-demand automated solutions for the residential mortgage industry
- Ellie Mae sold 5 million shares in the offering with the remaining 2.5 million sold by existing stockholders
- Underwriters were granted the option to purchase up to an additional 1.125 million shares from selling stockholders to the extent they sold more than 7.5 million shares

Significance of Transaction

- The IPO provided capital to fund future growth and enabled the Company to more effectively serve its user base
- In addition to returning capital to shareholders, proceeds of the transaction were used for general corporate purposes, acquisitions and / or investments in new technologies, solutions or businesses

FT Partners' Role

- FT Partners served as strategic, financial and IPO advisor to Ellie Mae and its Board of Directors
- FT Partners managed the entire IPO process, enabling management to focus on growing the business

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as Capital Markets & IPO Advisor to



in its

\$45,000,000 Initial Public Offering

valuing the equity at approximately

\$ 146,000,000



The Only Investment Bank Focused Exclusively on Financial Technology

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	2015 - 2017	 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
WINNER M&A Advisor Awards	2010 -2014	 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
	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