

QUARTERLY DEALS & MARKET ROUNDUP

Insurance

December 2017

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Benefits Administrators Data & Analytics Solutions Insurance Brokers Multi-Line Insurance Online Information Providers Property & Casualty Insurance P&C Specialty Software Solutions Title Insurance Traditional / Life Insurance

Specialized investment bankers at the intersection of finance and technology

Highlights

This quarter's Insurance roundup discusses the following key developments:



Technology expanding underwriters' role



Incumbents lining up for operational cost-saving technologies



Customer engagement innovation reaching a crescendo



Brand building, digitization, and analytics driving insurance deals



Overview of Evolve Capital Partners

ABOUT ECP

- Evolve Capital Partners (ECP) is a specialized investment bank focused on businesses serving industries at the intersection of finance and technology.
- We are dedicated investment bankers focused on evolving industries, and we support sustainable growth through transformational M&A / financing transactions.
- ECP is a dedicated, creative, and fully independent investment bank that advises private and public companies on merger, divestiture and acquisition transactions, and capital raising through private placements.
- We also provide structured finance advisory services our investment banking practice provides a comprehensive suite of solutions to businesses.
- With over 30 engagements executed by its leaders, Evolve Capital Partners has served as a proud partner, bringing renewed value to companies at the intersection of finance and technology.
- We were founded in 2012 and are based in New York, NY.

HIGH-TOUCH INVESTMENT BANKING

Few investment banks have transaction experience across both corporate and asset finance.



Corporations

Teams

Management

- VC & PE Backed Companies
- Independent
 Directors / Boards

Advisory

- M&A
- Capital Raises and Asset Finance
- Strategic
 Alliances
- Financial Restructuring

Securities

Financial Services

Financial Management

\bigcirc	Industry Focus

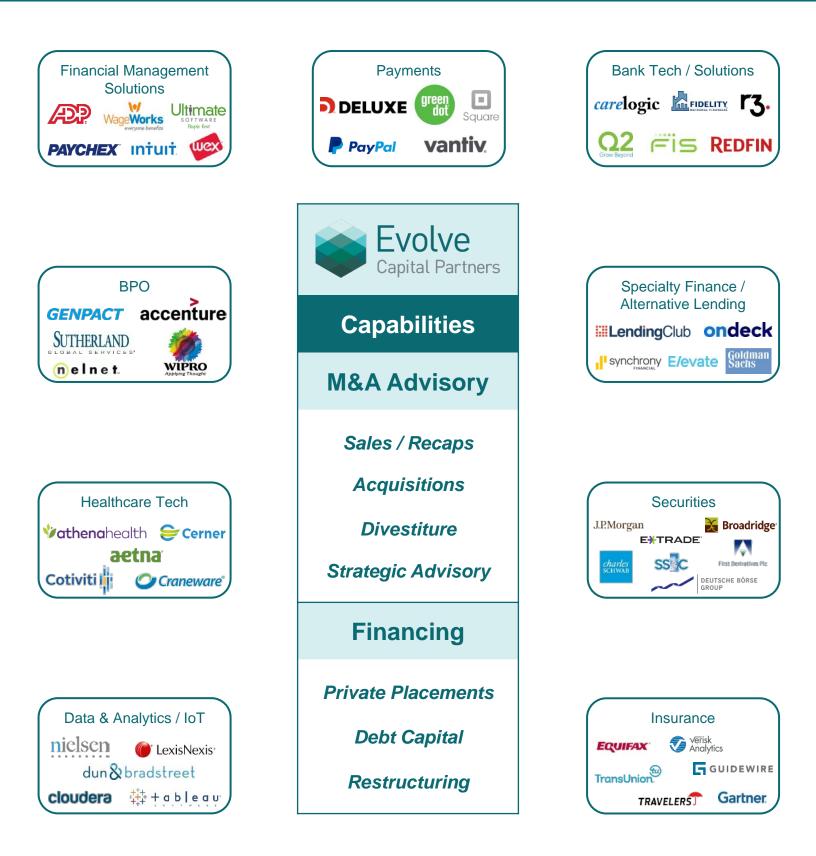
Finance and Technology Firms

BPO	Specialty Finance
ΙοΤ	Enterprise Software
B2B	Analytics

Payments	
Lending	
InsuranceTech	

We Focus Exclusively on Finance and Technology-Related Firms

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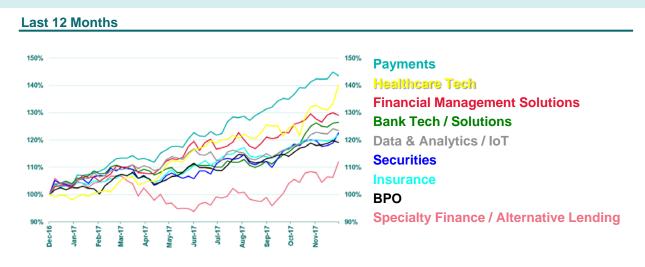
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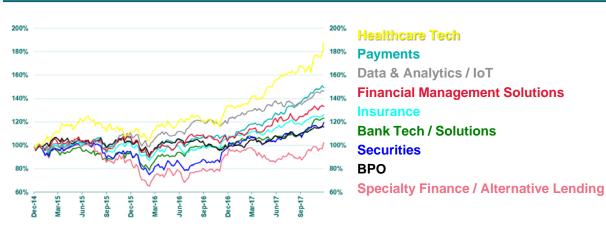
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Market Summary



Industry Stock Market Performance of ECP Sector Coverage

Last 3 Years



Indexed Price Performance

Sector	3 Months	1 Year	3 Years
Payments	12.9%	38.1%	49.4%
Bank Tech / Solutions	12.3%	26.5%	23.3%
Specialty Finance / Alternative Lending	11.2%	11.5%	2.2%
Securities	7.1%	22.7%	19.5%
Healthcare Tech	3.8%	21.3%	87.4%
BPO	4.1%	18.5%	15.8%
Financial Management Solutions	7.3%	28.6%	33.2%
Data & Analytics / IoT	7.2%	23.1%	46.2%
Insurance	14.7%	39.8%	26.6%

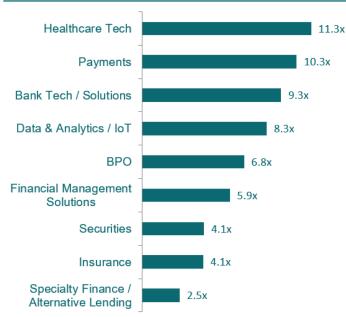
Source: Capital IQ and market data as of December 1, 2017

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Multiples & Margins – All Sectors

Industry-wide Multiples and Margins

2017E EBITDA Multiples

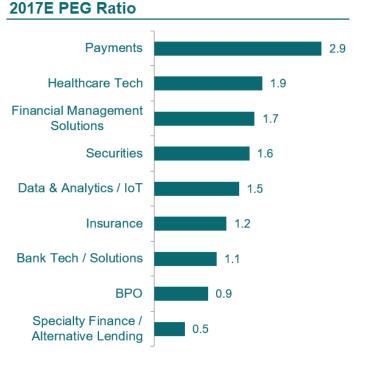


LTM EBITDA Margins



2017E Price / Earnings Multiples

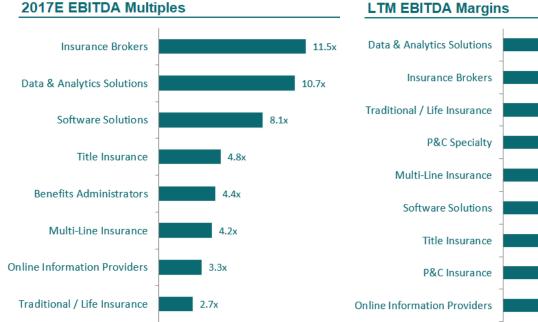




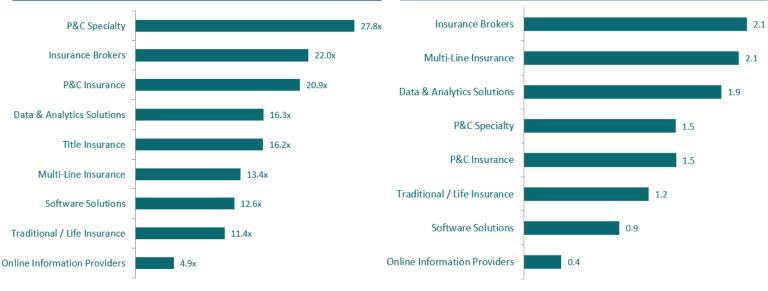
Source: Capital IQ and market data as of December 1, 2017 Evolve Capital Partners; Deals & Market Roundup – Insurance 7

Multiples & Margins – Insurance

Sub-sector Multiples and Margins



2017E Price / Earnings Multiples



LTM EBITDA Margins

2017E PEG Ratio

Source: Capital IQ and market data as of December 1, 2017

27.5%

21.0%

14.1%

11.5%

10.7%

10.6%

10.4%

10.4%

7.8%

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Stock Comparables – Insurance

(All figures in US Dollars. Figures in millions, except per share data, as of December 1, 2017)

	Aggre	egate			Multi	ples		
Insurance	Market	Enterprise	Price / E	arnings	EV / E	BITDA	EV / S	Sales
Sub-Sector	Сар	Value	FY 17E	FY18E	FY 17E	FY 18E	FY 17E	FY 18E
Software Solutions	\$9,415	\$9,471	12.6x	20.7x	8.1x	9.1x	1.8x	3.0x
Data & Analytics Solutions	\$68,780	\$79,693	16.3x	23.0x	10.7x	12.7x	4.1x	4.4x
Title Insurance	\$23,578	\$25,236	16.2x	13.8x	4.8x	4.3x	0.8x	0.8x
Traditional / Life Insurance	\$429,618	\$485,520	11.4x	11.2x	2.7x	2.4x	1.3x	1.4x
Multi-Line Insurance	\$324,370	\$435,748	13.4x	11.2x	4.2x	4.2x	1.3x	1.2x
P&C Specialty	\$42,480	\$47,924	27.8x	19.4x	0.0x	0.0x	1.9x	1.9x
Insurance Brokers	\$123,399	\$139,021	22.0x	19.1x	11.5x	10.5x	3.2x	3.0x
Online Information Providers	\$3,519	\$3,332	4.9x	25.8x	3.3x	7.8x	1.5x	1.8x
Benefits Administrators	\$54,522	\$52,313	8.5x	35.0x	4.4x	12.1x	1.3x	6.0x
P&C Insurance	\$193,652	\$225,513	20.9x	16.9x	0.0x	0.0x	1.5x	1.5x
Median			14.8x	19.2x	4.3x	6.1x	1.5x	1.8x
Mean			15.4x	19.6x	5.0x	6.3x	1.9x	2.5x

			Growth Rates	8			
Insurance	Number of	Revei	nue	EPS	EBITDA	Margin	PEG*
Sub-Sector	Companies	FY 17E	FY 18E	5 Yr	FY 17E	FY 18E	FY 17E
Software Solutions	7	4.8%	13.2%	7.3%	10.6%	15.6%	0.91
Data & Analytics Solutions	4	2.1%	4.7%	9.3%	27.5%	33.6%	1.89
Title Insurance	4	NA	3.3%	0.0%	10.4%	9.3%	-
Traditional / Life Insurance	18	43.0%	3.5%	6.6%	14.1%	5.0%	1.19
Multi-Line Insurance	7	4.7%	3.8%	6.6%	10.7%	4.2%	2.06
P&C Specialty	10	2.1%	4.0%	6.6%	11.5%	0.0%	1.45
Insurance Brokers	6	2.4%	5.5%	12.3%	21.0%	21.0%	2.13
Online Information Providers	5	6.2%	9.6%	1.9%	7.8%	16.6%	0.36
Benefits Administrators	6	2.1%	15.6%	21.4%	12.5%	24.0%	0.29
P&C Insurance	11	1.8%	4.3%	9.0%	10.4%	0.0%	1.45
Median		2.4%	4.5%	7.0%	11.1%	12.4%	1.32
Mean		7.7%	6.7%	8.1%	13.6%	12.9%	1.17

* Price/Earnings to Growth ratio is a valuation metric for determining the relative trade-off between the price of a stock, the earnings generated per share (EPS), and the company's expected growth. In general, the P/E ratio is higher for a company with a higher growth rate.

Stock Comparables – Insurance Sub-Sectors

(All figures in US Dollars. Figures in millions, except per share data, as of December 1, 2017)

	Market	Enterprise	erprise LTM	LTM	EV/S	EV / Sales		EV / EBITDA		P/E	
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Guidewire Software, Inc.	\$5,619	\$5,058	\$528	6.9%	NA	8.4x	NA	NM	NA	NM	NA
Ebix, Inc.	\$2,441	\$2,723	\$339	35.1%	6.8x	6.0x	19.8x	17.0x	21.9x	19.5x	1.7
Sapiens International Corporation N.V.	\$575	\$574	\$255	5.8%	2.5x	2.2x	23.0x	14.3x	38.4x	21.7x	3.5
Crawford & Company	\$506	\$694	\$1,079	9.6%	0.7x	0.7x	6.1x	5.3x	15.1x	13.3x	1.3
Majesco	\$195	\$203	\$116	1.4%	NA	1.8x	NA	NM	NA	69.8x	NA
Symbility Solutions Inc.	\$77	\$72	\$32	2.2%	2.5x	2.2x	NM	NM	NM	NA	NA
Patriot National, Inc.	\$1	\$147	\$233	13.6%	NA	NA	NA	NA	NA	0.2x	NA
Median				6.9%	2.5x	2.2x	19.8x	14.3x	21.9x	19.5x	1.7
Mean				10.6%	3.1x	3.5x	16.3x	12.2x	25.1x	24.9x	2.1

Data & Analytics Solutions

	Market	Enterprise	orise LTM	LTM	EV / S	Sales	EV / El	BITDA	P	/ E	PEG
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
RELX PLC	\$46,306	\$53,156	\$9,553	30.2%	5.3x	5.1x	15.4x	14.0x	21.5x	20.1x	2.6
Verisk Analytics, Inc.	\$15,751	\$18,487	\$2,081	46.3%	7.7x	7.3x	15.9x	14.7x	27.0x	24.8x	3.2
The Dun & Bradstreet Corporation	\$4,537	\$5,804	\$1,733	24.5%	3.2x	3.1x	11.4x	10.8x	16.7x	15.9x	1.7
Acxiom Corporation	\$2,186	\$2,246	\$886	9.0%	NA	2.2x	NA	11.3x	NA	31.2x	NA
Median				27.3%	5.3x	4.1x	15.4x	12.6x	21.5x	22.4x	2.6
Mean				27.5%	5.4x	4.4x	14.2x	12.7x	21.7x	23.0x	2.5

Traditional / Life Insurance											
	Market	Enterprise	LTM	LTM	EV/	Sales	EV / EE	BITDA	P /	E	PEG
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
MetLife, Inc.	\$56,414	\$94,948	\$61,750	(2.4%)	1.6x	1.6x	NA	NA	12.4x	11.4x	1.3
Prudential Financial, Inc.	\$49,014	\$68,535	\$57,951	12.7%	1.3x	1.3x	NA	NA	10.9x	10.0x	1.4
Cigna Corporation	\$51,383	\$53,127	\$41,029	11.2%	1.2x	1.2x	11.3x	10.1x	19.7x	17.4x	1.5
Manulife Financial Corporation	\$42,016	\$49,750	\$29,738	15.8%	1.1x	1.0x	NA	NA	11.7x	10.7x	1.1
Aflac Incorporated	\$34,440	\$35,283	\$22,402	21.5%	1.8x	1.8x	9.3x	8.4x	12.5x	12.3x	2.6
Aviva plc	\$27,441	(\$13,897)	\$46,640	7.5%	NM	NM	NM	NM	9.4x	8.9x	1.5
Great-West Lifeco Inc.	\$27,276	\$33,662	\$33,561	9.6%	0.9x	0.9x	NA	NA	13.2x	11.6x	NA
Sun Life Financial Inc.	\$24,673	\$25,588	\$18,443	16.5%	1.0x	1.0x	NA	NA	12.3x	11.6x	NA
Legal & General Group Plc	\$21,094	\$43,618	\$16,550	19.8%	3.9x	4.1x	NA	NA	11.2x	11.1x	1.6
Principal Financial Group, Inc.	\$20,363	\$21,072	\$14,369	18.6%	1.4x	1.4x	NA	NA	12.8x	11.9x	1.4
Lincoln National Corporation	\$16,743	\$20,547	\$13,842	15.0%	1.4x	1.4x	NA	NA	10.2x	9.9x	1.2
Swiss Life Holding AG	\$10,847	\$8,782	\$19,728	8.6%	0.5x	0.5x	NA	NA	11.8x	11.3x	2.1
Standard Life Aberdeen plc	\$16,922	\$8,312	\$9,441	32.8%	0.3x	0.2x	NA	NA	14.2x	13.0x	1.4
AEGON N.V.	\$12,630	\$17,210	\$56,921	5.3%	0.6x	0.6x	NA	NA	7.7x	7.6x	0.5
Torchmark Corporation	\$10,221	\$11,572	\$4,074	21.7%	2.7x	2.6x	12.0x	11.5x	17.6x	16.5x	2.3
Primerica, Inc.	\$4,577	\$5,568	\$1,664	25.6%	2.9x	2.7x	12.6x	11.5x	16.7x	14.8x	1.5
American National Insurance Company	\$3,402	\$3,199	\$3,326	9.2%	NA	NA	NA	NA	NA	NA	NA
Hansard Global Plc	\$162	(\$1,357)	\$244	4.9%	NA	NM	NA	NA	NA	12.1x	NA
Median				13.9%	1.3x	1.3x	11.6x	10.8x	12.3x	11.6x	1.4
Mean				14.1%	1.5x	1.5x	11.3x	10.4x	12.8x	11.9x	1.5

Source: Capital IQ

Stock Comparables – Insurance Sub-Sectors

(All figures in US Dollars. Figures in millions, except per share data, as of December 1, 2017)

	Market	Enterprise	Enterprise LTM	LTM	EV / S	Sales	EV / E	EV / EBITDA		P/E	
Company Name	Сар	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Fidelity National Financial, Inc.	\$11,085	\$11,754	\$9,863	15.4%	0.8x	0.8x	4.8x	5.4x	15.8x	15.4x	NA
Old Republic International Corporation	\$5,389	\$6,776	\$6,086	10.8%	1.1x	1.1x	NA	NA	17.3x	12.9x	NA
First American Financial Corporation	\$6,153	\$5,749	\$ 5, 79 5	9.2%	1.0x	0.9x	7.9x	6.8x	15.1x	14.2x	NA
Stewart Information Services Corporation	\$953	\$957	\$1,962	6.0%	0.5x	0.4x	6.6x	5.2x	16.7x	12.7x	NA
Median				10.0%	0.9x	0.9x	6.6x	5.4x	16.3x	13.5x	NA
Mean				10.4%	0.8x	0.8x	6.4x	5.8x	16.2x	13.8x	NA

Multi-Line Insurance

	Market	Enterprise	LTM	LTM	EV / S	Sales	EV / E	BITDA	P /	E	PEG
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Allianz SE	\$104,341	\$127,994	\$127,388	12.8%	0.9x	0.9x	8.9x	8.7x	12.4x	11.7x	2.3
AXA SA	\$72,867	\$111,466	\$149,605	6.7%	0.9x	0.9x	11.5x	12.0x	10.4x	9.7x	2.4
American International Group, Inc.	\$53,830	\$82,980	\$48,773	3.5%	1.8x	1.8x	NA	NA	19.4x	12.2x	2.0
Zurich Insurance Group AG	\$45,312	\$54,177	\$67,248	9.1%	1.1x	1.1x	8.7x	8.9x	14.5x	12.5x	2.5
The Allstate Corporation	\$36,995	\$44,400	\$37,959	13.0%	1.3x	1.3x	NA	NA	16.0x	13.3x	1.5
American Financial Group, Inc.	\$9,324	\$9,215	\$6,615	15.2%	2.3x	2.2x	NA	NA	17.7x	15.6x	3.0
Genworth Financial, Inc.	\$1,702	\$5,516	\$8,807	14.4%	0.7x	0.7x	NA	NA	3.2x	3.6x	0.7
Median				12.8%	1.1x	1.1x	8.9x	8.9x	14.5x	12.2x	2.3
Mean				10.7%	1.3x	1.2x	9.7x	9.8x	13.4x	11.2x	2.1

P&C Specialty											
	Market	Enterprise	LTM	LTM	EV / S	Sales	EV / EE	BITDA	P/	/E	PEG
Company Name	Сар	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Markel Corporation	\$15,453	\$16,000	\$5,828	8.1%	2.7x	2.5x	NA	NA	NM	37.0x	NA
W. R. Berkley Corporation	\$8,467	\$10,221	\$7,721	13.7%	1.6x	1.6x	NA	NA	28.2x	21.5x	5.8
Assurant, Inc.	\$5,369	\$5,602	\$6,491	8.2%	0.9x	0.9x	NA	NA	29.1x	14.2x	NA
ProAssurance Corporation	\$3,288	\$3,569	\$895	22.7%	3.8x	3.7x	NA	NA	27.8x	26.4x	1.1
AmTrust Financial Services, Inc.	\$1,917	\$3,703	\$5,940	0.3%	0.8x	0.8x	NA	NA	10.4x	7.2x	1.0
RLI Corp.	\$2,611	\$2,733	\$802	12.0%	3.4x	3.4x	NA	NA	37.5x	29.8x	NA
Argo Group International Holdings, Ltd.		\$2,156	\$1,722	7.3%	1.3x	1.2x	NA	NA	74.8x	15.3x	NA
The Navigators Group, Inc.	\$1,525	\$1,733	\$1,262	4.9%	1.6x	1.5x	NA	NA	23.1x	22.3x	4.6
Amerisafe, Inc.	\$1,269	\$1,189	\$379	24.6%	3.1x	3.1x	NA	NA	19.7x	19.9x	2.0
Global Indemnity Limited	\$770	\$1,019	\$511	13.2%	NA	NA	NA	NA	NA	NA	NA
Median				10.1%	1.6x	1.6x	NA	NA	28.0x	21.5x	2.0
Mean				11.5%	2.1x	2.1x	NA	NA	31.3x	21.5x	2.9

Stock Comparables – Insurance Sub-Sectors

(All figures in US Dollars. Figures in millions, except per share data, as of December 1, 2017)

	Market	Enterprise	LTM	LTM	EV/S	Sales	EV / E	BITDA	P /	E	PEG
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Marsh & McLennan Companies, Inc.	\$43,411	\$47,906	\$13,703	23.8%	3.3x	3.1x	13.5x	12.5x	21.2x	19.4x	1.9
Aon plc	\$35,563	\$39,311	\$11,935	18.6%	4.0x	3.8x	16.2x	14.2x	22.0x	17.8x	1.9
Willis Towers Watson Public Limited Comp	\$21,384	\$25,216	\$7,969	19.9%	3.1x	3.0x	13.1x	11.8x	19.1x	16.4x	1.9
Arthur J. Gallagher & Co.	\$12,036	\$14,556	\$5,885	15.3%	2.3x	2.1x	13.8x	12.1x	21.0x	18.8x	2.3
Brown & Brown, Inc.	\$7,214	\$7,619	\$1,817	31.5%	3.9x	3.8x	12.6x	12.1x	26.5x	24.6x	3.9
Jardine Lloyd Thompson Group plc	\$3,792	\$4,413	\$1,730	16.6%	2.4x	2.2x	NA	NA	22.2x	17.5x	0.9
Median				19.2%	3.2x	3.1x	13.5x	12.1x	21.6x	18.3x	1.9
Mean				21.0%	3.2x	3.0x	13.8x	12.5x	22.0x	19.1x	2.1

Online Information Providers											
	Market	Enterprise	LTM	LTM	EV/S	Sales	EV / El	BITDA	P	E	PEG
Company Name	Cap	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Moneysupermarket.com Group PLC	\$2,397	\$2,373	\$421	34.3%	5.1x	4.8x	13.4x	12.4x	19.6x	17.8x	1.8
eHealth, Inc.	\$430	\$378	\$177	(10.2%)	2.2x	2.0x	NM	NM	NM	NM	NA
iSelect Limited	\$237	\$176	\$142	13.1%	NA	1.3x	NA	7.9x	NA	18.5x	NA
QuinStreet, Inc.	\$455	\$404	\$314	1.7%	NA	0.8x	NA	10.7x	NA	67.0x	NA
Median				7.4%	3.7x	1.6x	13.4x	10.7x	19.6x	18.5x	1.8
Mean				9.7%	3.7x	2.2x	13.4x	10.4x	19.6x	34.4x	1.8

P&C Insurance

	Market	Enterprise	LTM	LTM	EV/S	Sales	EV / El	BITDA	P /	E	PEG
Company Name	Сар	Value	Sales	EBITDA %	FY2017	FY2018	FY2017	FY2018	FY2017	FY2018	FY2017
Chubb Limited	\$70,395	\$85,359	\$32,455	15.5%	3.1x	3.0x	NA	NA	20.7x	14.2x	3.1
The Travelers Companies, Inc.	\$37,280	\$43,822	\$28,518	14.8%	1.7x	1.6x	NA	NA	17.7x	13.9x	3.2
The Progressive Corporation	\$31,174	\$34,759	\$25,823	9.2%	1.2x	1.1x	NA	NA	21.0x	17.2x	1.3
The Hartford Financial Services Group, Inc.	\$20,486	\$25,820	\$18,524	5.4%	1.3x	1.3x	NM	NM	15.0x	11.8x	1.4
Cincinnati Financial Corporation	\$12,227	\$12,396	\$5,633	13.6%	2.0x	2.0x	NA	NA	26.2x	23.0x	NM
RSA Insurance Group plc	\$8,206	\$8,425	\$9,125	11.0%	1.0x	0.9x	NA	NA	13.8x	12.2x	1.3
The Hanover Insurance Group, Inc.	\$4,548	\$5,108	\$5,107	4.4%	1.0x	0.9x	NA	NA	25.6x	14.0x	NM
Mercury General Corporation	\$3,017	\$3,105	\$3,296	4.4%	1.0x	1.0x	NA	NA	30.9x	22.4x	1.1
Selective Insurance Group, Inc.	\$3,562	\$4,000	\$2,419	13.3%	1.6x	1.5x	NA	NA	19.0x	17.9x	1.6
Employers Holdings, Inc.	\$1,579	\$1,530	\$792	19.5%	1.8x	1.8x	NA	NA	19.4x	19.6x	NA
State Auto Financial Corporation	\$1,178	\$1,189	\$1,423	3.3%	0.8x	0.9x	NA	NA	NM	19.2x	NA
Median				11.0%	1.3x	1.3x	NA	NA	20.1x	17.2x	1.4
Mean				10.4%	1.5x	1.5x	NA	NA	20.9x	16.9x	1.9

Recent Updates – Insurance



TECHNOLOGY EXPANDING UNDERWRITERS' ROLE

Transformative insurance technologies are going beyond the back office and swiftly making their way into the more critical middle and front office functions. Underwriting is among the first areas to reap the benefits of this technology-driven front office outsourcing renaissance in insurance. Solutions based on artificial intelligence, analytics, and machine learning, which improve analysis and bring more automation, have flooded the underwriting space. These solutions promise to reinstate underwriting at the center of the insurance business. They can relieve underwriters from many of their present burdens and even allow them to contribute to more value-adding tasks, like client management, solutioning, and risk analysis. A recent Ernst & Young report foresees an underwriter that is clothed in technology that enables him to double-up as a sales executive and a data scientist.

With better predictive modelling capabilities, underwriters could, for example, achieve more depth in their analysis and transactional modeling. This could broaden their work profile to include typical sales functions, such as prospecting, sales hunting, account management, and servicing. Similarly, new data solutions could support customer data ownership and facilitate insurer access. These data and analytics capabilities could be backed up by sensors, telematics, and other powerful technologies.



INCUMBENTS LINING UP FOR OPERATIONAL COST-SAVING TECHNOLOGIES

With key variables, such as combined ratio (a measure of operational profitability), spiraling out of control, making lessefficient processes digital has become indispensable for insurers. In addition to inhibiting operational excellence, current processes are a prohibitive drain on insurers' finances.

The first wave of digital upgradation in insurance started in 2016 and was largely focused on claims, internal operations, and customer acquisition. The upgradation drive has strengthened in 2017, and cost-optimizing technologies have become another key focus area. All insurers of note, irrespective of size and financial capacity, now see cost-optimizing technology upgrades as a matter of great strategic significance.

Investments made by insurers on cost-saving technologies have soared in recent quarters. Analytics, automation, and

mechanization have been attracting a major share of these investments. Many startups have come up in this space and experienced supernormal growth in revenues and number of clients. OutShared is one such startup. The company's CynoClaim solution enables more than 60% of all claims to be managed automatically. This radically reduces costs and processing time, and increases customer satisfaction. The first implementation of OutShared's technology produced up to a 50% decrease in costs and a 40% increase in customer satisfaction. Companies with deep-impact solutions like this have received liberal funding from investors, and have made insurance one of the most liberally-funded segments of fintech. M&A's involving insurance technology providers have closed at unprecedented multiples.



CUSTOMER ENGAGEMENT INNOVATION REACHING A CRESCENDO

Advances in customer technology and rapid technology adoption rates in other industries have taken customers' service expectations to unprecedented heights. Industries like insurance that have lagged in the adoption of these technologies are feeling its brunt the most. The incursion of online insurance providers, who offer a better customer experience at a substantially lower price, has only compounded the challenges confronting established players. Their entry has not only tasked the big players with balancing the ends of digitalizing customer processes and lowering their cost base, but also with adapting to fast-changing customer behavior, preempting customer needs, and presenting innovative solutions before anyone else. This is a major environmental change for legacy carriers because engagement innovation was never a strategic concern for them until now. The new industry dynamics and increasing competition have tasked carriers with operational excellence and engagement turning innovation into a distinguishing advantage. In the new scheme of things, engagement innovation does not simply imply providing superior customer service. It often implies staging an organization-wide transformation that facilitates customer-centric product development, inclusion of new value-added features, and rethinking service models.

Latest updates from the Insurance industry

Symbility becomes new Guidewire PartnerConnect solution partner

On November 14, 2017, Symbility Solutions, a provider of innovative technology solutions aimed at modernizing the insurance industry, announced that it has joined Property and Casualty (P&C) insurance software provider Guidewire's PartnerConnect[™] program as a *Solution* partner. Symbility's workflow management solution, Symbility Claims Connect, is the first property claim management solution to have an accelerator that is ready for Guidewire. The partnership will enable insurers to integrate Guidewire ClaimCenter® with Symbility Claims Connect® in less time and at a lower cost. Symbility's accelerator will also give Guidewire customers the ability to automatically or manually move claims from ClaimCenter to Claims Connect, and receive updates in ClaimCenter, reducing adjuster workload.

Stratumn successfully tests blockchain solution for efficient information flow between insurers

Stratumn, a blockchain-based company focused on providing Proof of Process technology to businesses, successfully completed an experiment aimed at facilitating more efficient information flow between insurance companies, over the blockchain. Fourteen French insurers participated in the project, which was undertaken in collaboration with the French Federation of Insurers (FFA) and consulting major Deloitte. The project closely follows the recent enactment of the Hamon Law that gives insurance buyers in France the freedom to switch to a different insurer at the end of one year of coverage.

AmTrust partners with Farmobile for digital crop insurance solution

AmTrust Agriculture Insurance, a subsidiary of multiline P&C insurer AmTrust Financial, partnered with Farmobile to develop digital solutions for the crop insurance market using Farmobile's data collection technology. Farmobile manufactures a data gathering device that can store data locally in case of a loss of connectivity. This data is then automatically transferred to the server when connectivity is re-established. The partnership will enable AmTrust to use Farmobile's device to gather data and calculate the crop insurance premium to be paid by a farmer based on this data. As part of the deal, AmTrust will also acquire an equity stake in Farmobile.

AIG unveils digital subsidiary Blackboard to transform commercial insurance through analytics

American International Group Inc. (AIG), recently unveiled BlackboardSM, its new technology-focused subsidiary. Blackboard aims to redefine commercial insurance using data analytics and automation. It aims to help clients gain momentum and cope with the fast-paced changes that characterize the modern-day insurance industry. "Our name acknowledges that there will be many advances in data and technology, and Blackboard will be the place where our people, clients, and brokers collaborate continuously to find better ways of doing business and to transform the insurance experience," said Seraina Macia, Chief Executive Officer of Blackboard U.S. Holdings, Inc. "Blackboard is a key part of AIG's strategy to grow our business with the greatest competitive advantage and ability to serve our clients, today and into the future."

QBE partners with RiskGenius for machine learning-based policy distribution

QBE Insurance entered into a contract with RiskGenius to automatically match insurance products with a customer's coverage needs, using machine learning. The move is in line with QBE's strategy of financing early-stage startups developing technologies that are potentially beneficial for the company. "I love the fact that QBE has decided to focus on data and analytics when partnering with Insurtechs," says Chris Cheatham, CEO of RiskGenius. "The two are aligned in our vision for RiskGenius to become a utility for insurance professionals looking to evaluate insurance policy language."

Deal Activity – Insurance

Highlighted M&A Transactions

Date	Target	Acquirer	Sector	Amount (\$mm)
11/6/17	ICE Insurance	acturis	Software Solutions	NA
10/17/17	the warranty group	© ASSURANT®	Software Solutions	\$2,500
10/6/17	CYENCE	GUIDEWIRE	Data & Analytics Solutions	\$270
8/21/17	sequel	Verisk Analytics	Software Solutions	\$333

Highlighted Financing Transactions

Date	Company	Lead Investor	Туре	Amount (\$mm)
10/2/17	Tinubu Square		Growth	\$63
9/19/17	💋 the zebra	Accel	Series B	\$40

- The Insurance industry has experienced thin M&A transaction volumes in H2:17, however, insurtech deal volumes and values have soared.
- Digital technologies that help insurers enhance their brand appeal have been the most favored M&A and funding targets, as the web continues to transform into the primary insurance distribution network.
- 7 out of 10 respondents (68%) in a recent survey said that brand strength will be the main driver of M&A in the next three years.
- Data analytics, especially for information providers, and underwriting technology are the other areas that experienced significant M&A activity during H2:17.

Brand building, digitization, and analytics driving Insurance deals

The Insurance industry has experienced thin M&A transaction volumes globally in H2:17, which is consistent with the fall in M&A deal volumes across most sectors. However, deal volumes and multiples in the insurtech space have been strong. Acquirers have actively pursued prospects that can help them advance technologically and build a strong brand identity.

Digital technologies that help insurers enhance their brand appeal have been the most favored M&A and funding targets in H2:17, as the web continues to transform into the primary distribution network for insurers. The most powerful motivation for undertaking an acquisition over the next three years will continue to be gaining brand value, suggests a survey conducted by leading global advisory, broking, and solutions company Willis Towers Watson in conjunction with Mergermarket. 7 out of 10 respondents (68%) in the survey said that brand strength will be the main driver of M&A in the next three years, reflecting the transition to digital sales, which require a strong, recognizable brand. Data analytics, especially for online information providers, and underwriting technology were the other areas that experienced significant M&A activity during H2:17.

"M&A in the insurance industry will be driven by the need to create synergies, build brands and tackle technological advances," says Jack Gibson, global M&A lead, Willis Towers Watson M&A Risk Consulting. "However, as our survey shows, companies will be searching for quality over quantity."

"M&A in the insurance industry will be driven by the need to create synergies, build brands and tackle technological advances..." – Jack Gibson, global M&A lead, Willis Towers Watson M&A Risk Consulting

M&A Transaction Activity Summary – Insurance

Date	Target	Acquirer(s)	Sector	EV (\$mm)
11/28/17	• Ashmere " Itsuance Company	bedrock	Insurance Brokers	NA
11/14/17	FACTOR TRUST	TransUnion.	Online Information Providers	NA
11/6/17 Transaction Profiled	ICE Insurance	acturis	Software Solutions	NA
10/31/17	RateElert	(QuoteWizard ®	Online Information Providers	NA
10/17/17 Transaction Profiled	the warranty group	SSURANT°	Software Solutions	\$2,500
10/16/17	TRICAST	Prima Solutions THEORETAL INEURANCE PLATFORM	Data & Analytics Solutions	NA
10/16/17	LITTLI Willis Towers Watson 15 insurance programmes	Group Benefits	Data & Analytics Solutions	NA
10/11/17	Willis Towers Watson UBI assets	OCTO	Data & Analytics Solutions	NA
10/6/17 Transaction Profiled	CYENCE	GUIDEWIRE	Data & Analytics Solutions	\$270

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Source: Capital IQ

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M&A Transaction Activity Summary – Insurance

Date	Target	Acquirer(s)	Sector	EV (\$mm)
9/25/17	BOLT	CVC Capital Partners	P&C Insurance	NA
9/19/17	ASER APP		Software Solutions	NA
9/6/17	Prima Solutions THEDRITAL INSURANCE PLAFFORM	The Carlyle Group	Software Solutions	\$60
8/28/17	Diving Records	TransUnion	Online Information Providers	NA
8/21/17	sequel	Verisk Analytics	Software Solutions	\$333
8/10/17 Transaction Profiled	SurePath Interview Fechanicages	SuretyWave	Software Solutions	NA
8/2/17	Impeo	Riverside	Software Solutions	NA
8/2/17		Genpact Transformation Hoppens Here	Online Information Providers	NA

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Key M&A Deal Profiles – Insurance

Acturis Group acquires ICE Insurance for an undisclosed amount

Target Company Overview ICE Insurance

ICE Insurance is a software solutions provider with a suite of connected insurance solutions for insurance and accident management companies. The company was founded in 2017 and is based in Camberley, the UK.

Products Offered

ICE Insurance's core offerings include:

- ICE Claims Intuitive and configurable FNOL process with automated validation, integrated financials, enabling fast and accurate claims management
- **ICE Policy** flexible modular applications allowing users to follow a policy through its complete lifecycle, from quote to claim administration
- ICE Rating an automated underwriting solution
- ICE Digital a partner trading platform
- ICE Analytics a data warehouse app
- ICE Billing an automated billing solution

Acquisition Details



Acturis Group Ltd acquired the ICE Insurance business of Hubio Technologies Limited on November 6, 2017. The business has been transferred to a new company named ICE InsureTech Ltd. ICE InsureTech Ltd will operate as an integrated unit within the Acturis Group.

Transaction Rationale

The acquisition will help Acturis strengthen its market position. With the addition of ICE's connected insurance products, Acturis will be able to expand its customer base and become an industry leader in the insurance policy provider and accident management segments of the insurance software market.

Assurant acquires the Warranty Group for \$2.5 billion

Target Company Overview

the warranty group

The Warranty Group, Inc. provides underwriting, claims administration, and marketing solutions to manufacturers, distributors, and retailers of consumer goods. It also provides specialty insurance products and services to financial institutions worldwide. The company was founded in 1964 and is headquartered in Chicago, IL.

Products and Services Offered

The Warranty Group's key offerings include compliance solutions, inbound and online customer care solutions, service logistics solutions, and electronic claims payments. The company also provides underwriting coverage, product security services, property and casualty insurance, identity theft solutions, and custom solutions for the automotive and appliances sectors.

Acquisition Details



Assurant, Inc. entered into a definitive agreement to acquire The Warranty Group, Inc. from TPG Capital, L.P. (TPG Capital) for \$2.5 billion on October 17, 2017. The consideration will be paid as \$372 million in cash to TPG Capital, \$591 million in cash as a repayment of The Warranty Group's existing debt, and 16 million Assurant's shares.

Transaction Rationale

The transaction will help Assurant firmly establish its foothold in the global lifestyle market, with an attractive product and client portfolio, diversified growth profile, and a deeper global footprint. The acquisition will also enhance Assurant's scale and market position in the vehicle protection, extended service contracts, and financial services segments.

Source: Company Websites, Capital IQ, Press Releases



Key M&A Deal Profiles – Insurance

Guidewire acquires Cyence for \$140 million

Target Company Overview

CYENCE

Cyence Inc. provides a platform that quantifies cyber risk for insurance companies using data science and economic modeling. Cyence Inc. was incorporated in 2014 and is based in San Mateo, CA.

Services Offered

Cyence's analytics platform combines data science and economic modeling capabilities to quantify the financial impact of cyber risk on insurance companies. Insurance industry professionals use this platform to prospect and select risks, assess and price risks, manage risk portfolios and accumulations, and design new insurance products for the market.

Acquisition Details

GUIDEWIRE

Guidewire Software, Inc. entered into a definitive agreement to acquire Cyence Inc. from New Enterprise Associates, Institutional Venture Partners, and other shareholders for approximately \$270 million on October 6, 2017. Under the terms of deal, Guidewire Software will pay \$140 million net of cash and will issue 1.34 million shares as consideration.

Transaction Rationale

Through the acquisition, Guidewire will be able to provide P&C insurers a cloud-based data listening and risk analytics solution that will enable them to more effectively counter new-age security risks. Cyence's data listening and risk analytics solutions that effectively model diverse and dynamic data sets will better-position Guidewire's clients to predict and safeguard themselves against complex cyber risks with non-obvious patterns.

Verisk Analytics Inc. acquires Sequel Business Solutions for \$333 million

Target Company Overview

Sequel Business Solutions Limited develops insurance and reinsurance software solutions. Sequel Business Solutions Limited was incorporated in 1993 and is based in London, the UK.

Services Offered

Sequel's application software offerings include the following:

- Eclipse Broking a one-stop solution for insurance and reinsurance brokers that covers everything from placement and billing to claims management and technical accounting.
- Eclipse Underwriting a streamlined, end-to-end management solution for insurance and reinsurance businesses.
- Sequel Claims a workflow engine that facilitates faster, more efficient higher volume claims handling.



√erisk Analytics

Verisk Analytics, Inc. signed a definitive agreement to acquire Sequel Business Solutions Limited from HgCapital and other shareholders for £250 million (\$333 million) on August 21, 2017. Sequel had revenue and EBITDA of £26 million and £12 million, respectively, for the year ended June 30, 2017.

Transaction Rationale

The acquisition will strengthen Verisk's position in the London insurance market and bring significant global growth opportunities to the company. It will add considerably to Verisk's capabilities in the complex commercial and specialty insurance spaces, enabling integrated global data analytics through a specialized end-to-end workflow solution.

Source: Company Websites, Capital IQ, Press Releases

Financing Transaction Activity Summary

Date	Target	Sector	Amount (\$mm)	Series	Investor(s)
11/21/17	sneet	Data Analytics Solutions	\$16	Series D	TÖLA Capital
11/16/17	a_b at-bay, Inc.	Data Analytics Solutions	\$6	Seed	Lightspeed
11/16/17	¥ Health I.Q.	Traditional / Life Insurance	\$35	Series C	ANDREESSEN Horowitz
11/15/17	Goji	Insurance Brokers	\$15	Growth	HUDSON STRUCTURED
11/7/17	Matic	Traditional / Life Insurance	\$7	Series A	стинстие ни ласт су наме солта подати солта солта
11/2/17	💕 STRATUMN	Software Solutions	\$10	Series A	5 BNP PARIBAS
10/19/17	Automile	Software Solutions	\$34	Series B	INSIGHT
10/13/17	policy bazaar	Online Information Providers	\$85	Series E	TRUE NORTH VENTURE PARTNERS
10/9/17	coverwallet	Software Solutions	\$19	Series B	
10/9/17	O coverfy	Insurance Brokers	\$4	NA	Undisclosed

Source: Capital IQ and Media Reports

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Financing Transaction Activity Summary

Date	Target	Sector	Amount (\$mm)	Series	Investor(s)
10/5/17	Slice	Insurance Brokers	\$12	Series A	XL Innovate
10/4/17	PremFina	Software Solutions	\$36	Series A	Rakuten Capital
10/4/17	Clearsurance	Online Information Providers	\$4	Series A	DAVIS CAPITAL PARTNERS
10/2/17 Transaction Profiled	Tinubu Square	Online Information Providers	\$63	Growth	
10/2/17	€ensurem®	Online Information Providers	\$12	Venture	A=CAP
9/26/17	•compara online	Online Information Providers	\$14	Series C	VIEC International Finance Corporation wontback cacup
9/26/17	boost	P&C Specialty	\$3	Venture	NORWEST
9/19/17 Transaction Profiled	💋 the zebra	Online Information Providers	\$40	Series B	Accel
9/8/17	datacubes	Data & Analytics Solutions	\$3	Series A	M K capital

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Tinubu Square raises \$63 million in growth funding

Target Company Overview

Tinubu Square

Tinubu Square SAS provides credit risk intelligence solutions for corporate customers, credit insurers, and brokers to manage buyer credit risk across their enterprises. Tinubu Square SAS was founded in 2000 and is based in Issy les Moulineaux, France.

Services Offered

Tinubu's credit risk intelligence solutions include Tinubu Risk Management Center platform, which is a cloud platform for B2B companies to optimize and standardize credit risk management; Tinubu Credit Intelligence service, an online service that qualifies insurance buyers based on creditworthiness; and Tinubu Risk Analyst service that provides consulting services for risk monitoring. The company also provides consultancy services for technical due diligence and audit, among other areas.

Financing Details



Tinubu Square SAS announced that it has received €53 million (\$63 million) in funding on October 2, 2017. The transaction included participation from returning investors Large Venture, Long Arc Capital LP, and Bpifrance Investissement. As part of the transaction, Long Arc Capital LP acquired a majority stake in the company.

Use of Funds

Tinubu Square will use the proceeds to accelerate the development of its technology solutions for credit and surety insurers, trade finance banks, and export credit agencies. It will also use the funds to support growth in its existing markets in Europe, North America, and Asia-Pacific, as well as to open up new market segments.

The Zebra raises \$40 million in Series B funding

Target Company Overview



The Zebra, Inc. operates an online insurance comparison platform in the US that helps users predominantly compare quotes for car insurance. The company was founded in 2012 and is based in Austin, TX.

Services Offered

The Zebra provides quotes for insurance products in the car, boat, condo, home, mobile home, motorcycle, renters, and RV segments. It also offers a real-time and side-by-side quote comparison tool to help users find the most suitable product. The company also provides agent support and educational resources.

Financing Details

Accel

Insurance Zebra, Inc. announced that it has received \$40 million in Series B funding on September 19, 2017. The round was led by new investor Accel Partners. This is the company's fourth round of funding and the company has raised \$61.5 million in funding till date.

Use of Funds

The Zebra will use the proceeds for expanding product functionality, adding new lines of insurance, and making substantial investments in brand building and other marketing efforts. It will also use the funds to grow its staff and enter new partnerships to expand its reach.

Source: Company Websites, Capital IQ, Press Releases

IPO Activity Summary – Insurance

Company	IPO Date	Amount Raised (\$mm)	IPO Price	Current Market Price	Total Return	
众安保险 ZhongAn Insurance	9/27/17	\$1,1524	\$7.65	\$9.17	19.9%	
ASR Redutand	6/9/16	\$1,153	\$22.09	\$40.60	83.8%	
HealthEquity Building Health Savings	7/6/15	\$127	\$14.00	\$51.46	267.6%	
HATIONAL. INC.	1/15/15	\$116	\$14.00	\$0.03	(99.8%)	
trupanion" Medical insurance for your pet.	7/17/14	\$71	\$10.00	\$28.94	189.4%	
TriNet	3/26/14	\$240	\$16.00	\$43.86	174.1%	
BENEFITF©CUS°	9/17/13	\$131	\$26.50	\$26.75	0.9%	
iSelect always get it right	6/24/13	\$199	\$1.71	\$1.09	(36.3%)	
GUIDEWIRE	1/24/12	\$115	\$13.00	\$73.15	462.7%	
Bankrate ⁽¹⁾	6/16/11	\$300	\$15.00	-	-	
QUINSTREET	2/10/10	\$150	\$15.00	\$9.95	(33.7%)	

Note: ⁽¹⁾Bankrate, Inc. was acquired and subsequently taken private by Red Ventures Holdco, LP in a transaction that closed on November 8, 2017.

Source: Capital IQ and market data as of December 1, 2017

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Select Wall Street Research Updates and Commentary

Update from J.P.Morgan, November 2017



Verisk has expanded meaningfully over time via acquisitions, with two of the company's three primary verticals entered into through large M&A. This theme has persisted in 2017, with the company thus far spending \$708mln for \$116mln of revs. Verisk's capital allocation strategies have been less than stellar in recent years, in our view, but we like the company's recent moves.

Update from Raymond James, November 2017



We are reiterating our Market Perform rating on shares of PRA. While the company **reported results that were ahead of our estimate revision** following the preannouncement, **we continue to expect the intensely competitive market conditions for PRA's business to persist through 2018**, which could potentially limit new business production (topline risk). We are further conscious of valuation and the lack of a near-term catalyst that would warrant a change to our current position.

Update from Cantor Fitzgerald, October 2017



EHTH reported mixed 3Q17 results with EPS below FactSet consensus and our estimate. EHTH reaffirmed its 2017 guidance. **Given continued uncertainty in the IFP market, EHTH will continue to manage this business for profitability while exploring new ways to address consumer needs** in this market. Specifically, EHTH has **recently introduced new affordable alternative health plans** that will be available during the open enrollment period for the 2018 coverage year.

Update from J.P.Morgan, November 2017



As more investors look to gain exposure to the sector given higher P&C insurance prices post the 3Q catastrophe losses, we think CB will be a major beneficiary as it is a large P&C insurance bellwether, it can participate in price increases globally, and it has a strong management team with a robust balance sheet, well-known brand and excellent catastrophe management.

Update from UBS, November 2017



Despite being dealt a bad hand when joining in Jan 2017, new Aegon CFO has managed to both avoid a capital raising and restored the group solvency ratios to 195% in 3Q17 (from a low of 149% at end 3Q16). This has been done through various asset sales, model changes, asset mix and importantly, improving relations with the DNB, which allowed it to change the conversion of its US RBC ratio. Key risk remains around any potential US tax change, which could impact solvency (materially) due to reductions in deferred tax assets, but otherwise we see its capital crisis largely over.



Appendix – Coverage Universe Components

Coverage universe for various sectors is as follows.

1	Payments:	ADS, FLT, ENXTPA:EDEN, WEX, FIS, FISV, JKHY, ACIW, EPAY, V, MA, AXP, PYPL, SHOP, ENXTAM:GTO, DBD, CATM, MB, EVRI, PMTS, BOVESPA:CIEL3, FDC, GPN, TSS, VNTV, SQ, LSE:WPG, XTRA:WDI, ENXTPA:WLN, DLX, LSE:PAYS, TSE:3769, QIWI, EVTC, LSE:PAY, UEPS, NEWT, JTPY, ENXTPA:ING, NCR, SZSE:002152, PAY, SEHK:327, AIM:SCH, PAR, WU, EEFT, HAWK, GDOT, MGI, ASX:OFX, PLPM
2	Bank Technology:	FIS, FISV, JKHY, SWX:TEMN, BSE:532466, TSE:6457, QTWO, SGX:5CP, EPAY, OTCPK:CSVI, BSE:538835, SWX:CLXN, AIM:MONI, LSE:EXPN, EFX, TRU, OM:IJ, FICO, FNF, ZG, CSGP, ELLI, CLGX, BKFS, LSE:ZPG, STC, TSX:REAL, ASPS, REIS, ENXTAM:WKL, PEGA, DNB, ENXTPA:SOP, WSE:ACP, MITK, AIM:SQS, NTWK, INTC, IBM, AXP, PYPL, FDC
3	Specialty Finance / Alternative Lending:	NAVI, NNI, PRAA, ECPG, PRGX, PFMT, ASFI, CIT, CACC, NEWS, MRLN, TSX:CHW, ASX:ZML, CPSS, COF, SYF, DFS, SLM, LSE:PFG, SC, OMF, FCFS, AAN, LSE:TCS, SGBK, WRLD, LSE:IPF, TBBK, EZPW, RM, OB:MONO-ME, ATLC, URI, AL, TSX:EFN, TGH, RCII, ASX:FXL, CAI, FLY, NSM, CASH, PHH, PFSI, OCN, WAC, LC, TREE, YRD, DB:FRU, ENVA, XRF, ELVT, ONDK, DB:MBC
4	Securities:	BGCP, LSE:NXG, LSE:IGG, IBKR, ENXTAM:FLOW, KCG, VIRT, ITG, ENXTPA:VIL, INTL, SWX:CFT, BMV:FINAMEX O, WFC, BAC, C, LSE:HSBA, ASX:CBA, TSX:RY, TSX:TD, ENXTPA:BNP, USB, AXP, LSE:LLOY, PNC, ASX:NAB, TSX:BMO, LSE:BARC, SEHK:11, LSE:RBS, SGX:D05, TSX:CM, NSEI:ICICIBANK, MTB, BIT:MB, UMBF, LSE:CBG, FII, NSEI:IIFL, XTRA:COM, CME, ICE, SEHK:388, XTRA:DB1, LSE:LSE, BOVESPA:BVMF3, NDAQ, CBOE, ASX:ASX, SGX:S68, ENXTPA:ENX, BME:BME, TSX:X, SPGI, TSX:TRI, MCO, INFO, MSCI, FDS, ENXTPA:FIM, MORN, NSEI:CRISIL, VALU, JPM, GS, MS, SWX:UBSG, DB:DBK, SWX:CSGN, ASX:MQG, TSE:8604, RJF, LAZ, SF, PJC, GHL, COWN, AMEX:LTS, AIM:NUM, JMP, BLK, BK, BEN, NTRS, AMP, TROW, IVZ, LSE:HL., LSE:INVP, JHG, AB, CNS, WDR, APAM, WETF, VRTS, SCHW, AMTD, ETFC, MKTX, TSE:8628, AIM:PLUS, TSE:8698, YIN, LSE:CMCX, SWX:SQN, GCAP, GLBR, STT, BR, SEIC, ASX:CPU, DST, LPLA, LSE:TCAP, FNGN, ENV, LSE:SNN, ASX:BVS, ENXTAM:KA, SSNC, CPSE:SIM, LSE:ALFA, ASX:IRE, LSE:FDSA, AIM:FDP, ENXTPA:LIN, AIM:SOG
5	Insurance:	LSE:REL, VRSK, DNB, ACXM, MMC, AON, WLTW, AJG, BRO, LSE:JLT, MET, PRU, CI, TSX:MFC, AFL, LSE:AV., TSX:GWO, TSX:SLF, LSE:LGEN, PFG, LNC, SWX:SLHN, LSE:SL., ENXTAM:AGN, TMK, PRI, ANAT, LSE:HSD, DB:ALV, ENXTPA:CS, AIG, SWX:ZURN, ALL, AFG, GNW, LSE:MONY, RATE, EHTH, ASX:ISU, QNST, CB, TRV, PGR, HIG, CINF, LSE:RSA, THG, MCY, SIGI, EIG, STFC, MKL, WRB, AIZ, AWH, PRA, AFSI, RLI, AGII, OB, NAVG, AMSF, GBLI, GWRE, EBIX, SPNS, CRD.B, AMEX:MJCO, TSXV:SY, PN, FNF, ORI, FAF, STC
6	BPO:	ENXTPA:RCF, CVG, TTEC, SYKE, SRT, ESRX, ATHN, HQY, BOVESPA:QUAL3, MDRX, HMSY, QSII, CSLT, CPSI, RCM, ADP, PAYX, ULTI, WAGE, TNET, CSOD, NSP, BNFT, ACN, NSEI:TCS, CTSH, NSEI:INFY, DXC, BSE:507685, NSEI:HCLTECH, ENXTPA:CAP, ENXTPA:ATO, DOX, OTEX, NSEI:TECHM, CACI, EXLS, WNS, CALD, SYNT, BSE:532819, NSEI:HEXAWARE, VRTU, UIS, VDSI, LSE:MCGN, BIT:BET, TSX:GIB.A, LSE:CPI, G, BSE:526299, CSGS, BSE:532809, AIM:IBPO, PRGX
7	Financial Management Solutions:	INTU, LSE:SGE, BL, COUP, ASX:RKN, TYL, PEGA, ASX:TNE, QADA, AMSW.A, LSE:MCGN, NSEI:RAMCOSYS, ADP, PAYX, WDAY, ULTI, HRB, PAYC, WAGE, PCTY, CSOD, NSP, LSE:HRG
8	Analytics / IoT:	ORCL, DB:SAP, CRM, VMW, LSE:EXPN, OTEX, SPLK, DATA, FICO, XTRA:SOW, RP, NEWR, MSTR, CLDR, AYX, HDP, VERI, DWCH, GOOGL, MSFT, AMZN, KOSE:A005930, T, CMCS.A, VZ, QCOM, TMUS, HLSE:NOKIA, S, GRMN, LOGM, SLAB, IDCC, AMBA, GLOB, FIT, CTRL, GE, INTC, CSCO, DB:SIE, HON, TXN, TSE:6501, HPE, SWKS, RHT, ARW, PTC, ZBRA, CY, IRDM, TSX:SW, ORBC, CAMP, SSNI, IBM, LSE:REL, EFX, NLSN, VRSK, IT, TRU, DNB, TDC, CLGX, VRNT, ACXM, FORR, TSX:AIM, MATR
9	Healthcare Tech:	INOV, OMCL, VCRA, TRHC, STRM, CERN, DB:COP, MDRX, EVH, QSII, HSTM, AIM:EMIS, CPSI, COTV, HMSY, ATHN, AIM:CRW, RCM, SREV, UNH, AET, ANTM, HUM, CNC, WCG, NUAN, MMS, MOH, MGLN, GTS, HIIQ



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