

Verisk Analytics, Inc.
Form 10-Q
October 31, 2017
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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2017

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____
Commission File Number: 001-34480

VERISK ANALYTICS, INC.
(Exact name of registrant as specified in its charter)

Delaware	26-2994223
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

545 Washington Boulevard	07310-1686
Jersey City, NJ	
(Address of principal executive offices)	(Zip Code)
(201) 469-3000	
(Registrant's telephone number, including area code)	

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of October 27, 2017, there were 164,691,912 shares outstanding of the registrant's Common Stock, par value \$.001.

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PART I — FINANCIAL INFORMATION

Item 1. Financial Statements

VERISK ANALYTICS, INC.

CONDENSED CONSOLIDATED BALANCE SHEETS (UNAUDITED)

As of September 30, 2017 and December 31, 2016

	2017	2016
	(In millions, except for share and per share data)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$142.0	\$135.1
Available-for-sale securities	3.7	3.4
Accounts receivable, net of allowance for doubtful accounts of \$4.7 and \$3.4, respectively	285.8	263.9
Prepaid expenses	42.4	28.9
Income taxes receivable	34.3	49.3
Other current assets	36.5	20.3
Total current assets	544.7	500.9
Noncurrent assets:		
Fixed assets, net	437.8	380.3
Intangible assets, net	1,256.2	1,010.8
Goodwill	3,188.8	2,578.1
Deferred income tax assets	16.9	15.6
Other assets	183.8	145.5
Total assets	\$5,628.2	\$4,631.2
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable and accrued liabilities	\$210.2	\$184.0
Short-term debt and current portion of long-term debt	602.9	106.8
Deferred revenues	390.0	330.8
Total current liabilities	1,203.1	621.6
Noncurrent liabilities:		
Long-term debt	2,278.8	2,280.2
Deferred income taxes, net	384.1	322.2
Other liabilities	89.6	74.8
Total liabilities	3,955.6	3,298.8
Commitments and contingencies		
Stockholders' equity:		
Common stock, \$.001 par value; 2,000,000,000 shares authorized; 544,003,038 shares issued and 164,516,754 and 166,915,772 shares outstanding, respectively	0.1	0.1
Additional paid-in capital	2,165.8	2,121.6
Treasury stock, at cost, 379,486,284 and 377,087,266 shares, respectively	(3,153.4)	(2,891.4)
Retained earnings	3,103.4	2,752.9
Accumulated other comprehensive losses	(443.3)	(650.8)
Total stockholders' equity	1,672.6	1,332.4

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Total liabilities and stockholders' equity	\$5,628.2	\$4,631.2
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The accompanying notes are an integral part of these condensed consolidated financial statements.

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VERISK ANALYTICS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (UNAUDITED)

For The Three and Nine Months Ended September 30, 2017 and 2016

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2017	2016	2017	2016
	(In millions, except for share and per share data)			
Revenues	\$549.1	\$498.1	\$1,574.9	\$1,489.1
Expenses:				
Cost of revenues (exclusive of items shown separately below)	198.5	169.7	575.1	521.4
Selling, general and administrative	80.9	77.8	235.6	224.4
Depreciation and amortization of fixed assets	33.8	29.5	99.4	90.7
Amortization of intangible assets	27.5	22.7	73.6	70.4
Total expenses	340.7	299.7	983.7	906.9
Operating income	208.4	198.4	591.2	582.2
Other income (expense):				
Investment income and others, net	2.6	2.1	7.9	3.0
Interest expense	(30.3)	(28.1)	(87.3)	(91.7)
Total other expense, net	(27.7)	(26.0)	(79.4)	(88.7)
Income from continuing operations before income taxes	180.7	172.4	511.8	493.5
Provision for income taxes	(60.0)	(44.8)	(161.3)	(149.5)
Income from continuing operations	120.7	127.6	350.5	344.0
Discontinued operations:				
Income from discontinued operations	—	—	—	256.5
Provision for income taxes from discontinued operations	—	—	—	(118.6)
Income from discontinued operations	—	—	—	137.9
Net income	\$120.7	\$127.6	\$350.5	\$481.9
Basic net income per share:				
Income from continuing operations	\$0.73	\$0.76	\$2.12	\$2.04
Income from discontinued operations	—	—	—	0.82
Basic net income per share	\$0.73	\$0.76	\$2.12	\$2.86
Diluted net income per share:				
Income from continuing operations	\$0.72	\$0.74	\$2.08	\$2.01
Income from discontinued operations	—	—	—	0.80
Diluted net income per share	\$0.72	\$0.74	\$2.08	\$2.81
Weighted average shares outstanding:				
Basic	164,577,575	168,874,129	165,314,267	168,541,399
Diluted	167,957,058	171,785,900	168,807,405	171,495,189

The accompanying notes are an integral part of these condensed consolidated financial statements.

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VERISK ANALYTICS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (UNAUDITED)

For The Three and Nine Months Ended September 30, 2017 and 2016

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2016	
	(In millions)			
Net income	\$120.7	\$127.6	\$350.5	\$481.9
Other comprehensive income (loss), net of tax:				
Foreign currency translation adjustment	82.2	(62.1)	204.9	(278.6)
Unrealized holding gain on available-for-sale securities	—	0.1	0.2	0.3
Pension and postretirement liability adjustment	0.9	0.2	2.4	1.4
Total other comprehensive income (loss)	83.1	(61.8)	207.5	(276.9)
Comprehensive income	\$203.8	\$65.8	\$558.0	\$205.0

The accompanying notes are an integral part of these condensed consolidated financial statements.

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VERISK ANALYTICS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY (UNAUDITED)

For The Year Ended December 31, 2016 and The Nine Months Ended September 30, 2017

	Common Stock Issued	Par Value	Additional Paid-in Capital	Treasury Stock	Retained Earnings	Accumulated Other Comprehensive Losses	Total Stockholders' Equity
(In millions, except for share data)							
Balance, January 1, 2016	544,003,038	\$ 0.1	\$ 2,023.4	\$(2,571.2)	\$ 2,161.7	\$ (242.0)	\$ 1,372.0
Net income	—	—	—	—	591.2	—	591.2
Other comprehensive loss	—	—	—	—	—	(408.8)	(408.8)
Treasury stock acquired (4,325,548 shares)	—	—	—	(333.3)	—	—	(333.3)
KSOP shares earned (181,198 shares reissued from treasury stock)	—	—	13.2	1.3	—	—	14.5
Stock options exercised, including tax benefit of \$22.1 (1,409,803 shares reissued from treasury stock)	—	—	56.2	10.2	—	—	66.4
Restricted stock lapsed, including tax benefit of \$1.2 (169,365 shares reissued from treasury stock)	—	—	—	1.2	—	—	1.2
Employee stock purchase plan (29,867 shares reissued from treasury stock)	—	—	2.1	0.2	—	—	2.3
Stock based compensation	—	—	29.9	—	—	—	29.9
Net share settlement from restricted stock awards (38,250 shares withheld for tax settlement)	—	—	(3.1)	—	—	—	(3.1)
Other stock issuances (26,106 shares reissued from treasury stock)	—	—	(0.1)	0.2	—	—	0.1
Balance, December 31, 2016	544,003,038	0.1	2,121.6	(2,891.4)	2,752.9	(650.8)	1,332.4
Net income	—	—	—	—	350.5	—	350.5
Other comprehensive gain	—	—	—	—	—	207.5	207.5
Treasury stock acquired (3,356,360 shares)	—	—	—	(269.8)	—	—	(269.8)
Stock options exercised (773,206 shares reissued from treasury stock)	—	—	22.5	6.3	—	—	28.8
Restricted stock lapse (141,961 shares reissued from treasury stock)	—	—	(1.1)	1.1	—	—	—
Employee stock purchase plan (23,391 shares reissued from treasury stock)	—	—	1.7	0.2	—	—	1.9
Stock based compensation	—	—	24.2	—	—	—	24.2
Net share settlement of restricted stock awards (36,067 shares withheld for tax settlement)	—	—	(2.9)	—	—	—	(2.9)
Other stock issuances (18,784 shares reissued from treasury stock)	—	—	(0.2)	0.2	—	—	—

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Balance, September 30, 2017 544,003,038 \$ 0.1 \$2,165.8 \$(3,153.4) \$3,103.4 \$ (443.3) \$ 1,672.6

The accompanying notes are an integral part of these condensed consolidated financial statements.

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VERISK ANALYTICS, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED)

For The Nine Months Ended September 30, 2017 and 2016

	2017	2016
	(In millions)	
Cash flows from operating activities:		
Net income	\$350.5	\$481.9
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization of fixed assets	99.4	97.7
Amortization of intangible assets	73.6	76.3
Amortization of debt issuance costs and original issue discount	3.1	4.0
Allowance for doubtful accounts	1.4	1.5
KSOP stock based compensation expense	—	11.4
Stock based compensation	24.2	23.8
Gain on sale of discontinued operations	—	(269.4)
Realized (gain) loss on available-for-sale securities, net	(0.1)	0.3
Gain on exercise of common stock warrants	—	(1.5)
Deferred income taxes	(4.1)	(1.7)
Loss on disposal of fixed assets, net	—	0.9
Changes in assets and liabilities, net of effects from acquisitions:		
Accounts receivable	4.0	32.6
Prepaid expenses and other assets	(26.4)	(22.4)
Income taxes	14.1	45.3
Accounts payable and accrued liabilities	21.7	(7.2)
Deferred revenues	47.2	14.7
Other liabilities	(16.5)	(3.8)
Net cash provided by operating activities	592.1	484.4
Cash flows from investing activities:		
Acquisitions, net of cash acquired of \$22.1 and \$1.0, respectively	(674.3)	(45.2)
Purchase of equity method investments in non-public companies	(5.0)	—
Sale of non-controlling equity investments in non-public companies	—	8.5
Proceeds from sale of discontinued operations	—	719.4
Escrow funding associated with acquisitions	(30.9)	(4.4)
Capital expenditures	(113.8)	(98.6)
Purchases of available-for-sale securities	(0.3)	(0.2)
Proceeds from sales and maturities of available-for-sale securities	0.4	0.4
Other investing activities, net	—	(0.6)
Net cash (used in) provided by investing activities	(823.9)	579.3
Cash flows from financing activities:		
Proceeds (repayment) of short-term debt, net	40.0	(870.0)
Proceeds from issuance of short-term debt with original maturities greater than three months	455.0	—
Repurchases of common stock	(276.2)	(182.5)
Payment of debt issuance costs	(0.5)	(0.5)
Net share settlement of restricted stock awards	(2.9)	(3.1)
Proceeds from stock options exercised	26.0	32.6
Other financing activities, net	(7.1)	(4.4)

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Net cash provided by (used in) financing activities	234.3	(1,027.9)
Effect of exchange rate changes	4.4	(9.4)
Increase in cash and cash equivalents	6.9	26.4
Cash and cash equivalents, beginning of period	135.1	138.3
Cash and cash equivalents, end of period	\$142.0	\$164.7
Supplemental disclosures:		
Income taxes paid	\$150.6	\$221.4
Interest paid	\$68.8	\$75.8
Noncash investing and financing activities:		
Repurchases of common stock included in accounts payable and accrued liabilities	\$—	\$7.3
Promissory note received for sale of discontinued operations	\$—	\$82.9
Equity interest received for sale of discontinued operations	\$—	\$8.4
Deferred tax liability established on date of acquisition	\$53.2	\$3.8
Tenant improvement included in other liabilities	\$—	\$0.1
Capital lease obligations	\$4.2	\$11.5
Capital expenditures included in accounts payable and accrued liabilities	\$1.3	\$2.3
The accompanying notes are an integral part of these condensed consolidated financial statements.		

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VERISK ANALYTICS, INC.

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(Amounts in millions, except for share and per share data, unless otherwise stated)

1. Organization:

Verisk Analytics, Inc. and its consolidated subsidiaries (“Verisk” or the “Company”) enable risk-bearing businesses to better understand and manage their risks. The Company provides its customers proprietary data that, combined with analytic methods, create embedded decision support solutions. The Company is one of the largest aggregators and providers of data pertaining to property and casualty (“P&C”) insurance risks in the United States of America (“U.S.”). The Company offers predictive analytics and decision support solutions to customers in rating, underwriting, claims, catastrophe and weather risk, global risk analytics, natural resources intelligence, economic forecasting, and many other fields.

Verisk was established to serve as the parent holding company of Insurance Services Office, Inc. (“ISO”) upon completion of the initial public offering (“IPO”), which occurred on October 9, 2009. ISO was formed in 1971 as an advisory and rating organization for the P&C insurance industry to provide statistical and actuarial services, to develop insurance programs and to assist insurance companies in meeting state regulatory requirements. For over the past decade, the Company has broadened its data assets, entered new markets, placed a greater emphasis on analytics, and pursued strategic acquisitions. Verisk trades under the ticker symbol “VRSK” on the NASDAQ Global Select Market.

2. Basis of Presentation and Summary of Significant Accounting Policies:

The accompanying unaudited condensed consolidated financial statements have been prepared on the basis of accounting principles generally accepted in the U.S. (“U.S. GAAP”). The preparation of financial statements in conformity with these accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting periods. Significant estimates include acquisition purchase price allocations, the fair value of goodwill, the realization of deferred tax assets and liabilities, acquisition related liabilities, fair value of stock based compensation for stock options granted, and assets and liabilities for pension and postretirement benefits. Actual results may ultimately differ from those estimates. The condensed consolidated financial statements as of September 30, 2017 and for the three and nine months ended September 30, 2017 and 2016, in the opinion of management, include all adjustments, consisting of normal recurring items, to present fairly the Company’s financial position, results of operations and cash flows. The operating results for the three and nine months ended September 30, 2017 are not necessarily indicative of the results to be expected for the full year. The condensed consolidated financial statements and related notes for the three and nine months ended September 30, 2017 have been prepared on the same basis as and should be read in conjunction with the annual report on Form 10-K for the year ended December 31, 2016. Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to the rules of the Securities and Exchange Commission (“SEC”). The Company believes the disclosures made are adequate to keep the information presented from being misleading.

Recent Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2014-09, Revenue from Contracts with Customers (“Topic 606”). Topic 606 replaces numerous requirements in U.S. GAAP, including industry-specific requirements, and provides companies with a single revenue recognition model for recognizing revenue from contracts with customers. The core principle of Topic 606 is that a company should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods or services. The two permitted transition methods under Topic 606 are the full retrospective method, in which case the standard would be applied to each prior reporting period presented and the cumulative effect of applying the standard would be recognized at the earliest period shown, or the modified retrospective method, in which case the cumulative effect of applying the standard would be recognized at the date of initial application. In July 2015, the FASB approved the deferral of Topic

606's effective date by one year. Topic 606 is effective for annual reporting periods beginning after December 15, 2017. The FASB permits companies to adopt Topic 606 early, but not before the original effective date of the annual reporting periods beginning after December 15, 2016.

The Company established a corporate implementation team, which engages with cross-functional representatives from all of its business verticals. The Company utilized a bottom-up approach, with the assistance of third party specialists, to analyze the impact of the standard on the contract portfolio by reviewing current accounting policies and practices to identify potential differences that would result from applying the requirements of Topic 606 to revenue contracts. In addition, the

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Company identified and is in the process of implementing appropriate changes to its business processes, systems, and controls to support recognition and disclosure under Topic 606.

The Company is currently planning to adopt Topic 606 using the modified retrospective approach and is in the process of evaluating the impact of adopting Topic 606 on its condensed consolidated financial statements. The Company's revenue streams primarily consist of subscription services provided through a hosted environment or by delivering term based software as well as other services including consulting and transactional solutions. Based on a preliminary assessment, the analysis of the contract portfolio under Topic 606 results in the revenue for the majority of the Company's customer contracts being recognized over time, as the Company offers most of its solutions through a series of services primarily in a hosted environment, which is consistent with the Company's current revenue recognition model. For the majority of its contracts, there is continuous transfer of control to the customer and the number of performance obligations under Topic 606 is consistent with those identified under the existing standard. The Company is also closely reviewing its licensing revenue streams to determine whether the nature of a promise in granting a license is to provide a right to access the Company's intellectual property, which is satisfied over time and for which revenue is recognized over time, or to provide a right to use the Company's intellectual property, which is satisfied at a point in time and for which revenue is recognized at a point in time.

An identified impact of adopting Topic 606 relates to the deferral of commissions on revenue contracts, which are currently expensed as incurred but under Topic 606 the majority of such commissions will likely be capitalized and amortized over a period of time. The Company expects that a major portion of its commission expenses for sales employees will be capitalized and will be subject to an amortization period of up to five years. The Company's commission expense is about 1.2% and 1.0% of its total expenses, for the nine months ended September 30, 2017 and for the year ended December 31, 2016, respectively.

In March 2016, the FASB issued ASU No. 2016-09, Improvements to Employee Share-Based Payment Accounting ("ASU No. 2016-09"). The objective of this update is to simplify several aspects of the accounting for share-based payment transactions, including the income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flows. The Company adopted the guidance prospectively for the income statement impact of income taxes and has retrospectively applied the guidance to the condensed consolidated statements of cash flows for the impact of excess tax benefits on January 1, 2017 in accordance with ASU No. 2016-09. The presentation requirements for cash flows related to employee taxes paid for withheld shares had no impact to any of the periods presented in the condensed consolidated statements of cash flows, since such cash flows have historically been presented in financing activities. The treatment of forfeitures has not changed as the Company is electing to continue the current process of estimating the number of forfeitures. Accordingly, excess tax benefits from exercised stock options in 2017 were recorded as income tax benefit in the condensed consolidated statements of operations and presented as an operating activity on the condensed consolidated statements of cash flows for the nine months ended September 30, 2017. There was no cumulative-effect adjustment required to retained earnings under the prospective method as of the beginning of the year because all tax benefits had been previously recognized when the tax deductions related to stock compensation were utilized to reduce tax payable. The Company did not record any deferred tax assets or tax liabilities as the result of the adoption of ASU 2016-09.

In May 2017, the FASB issued ASU No. 2017-09, Scope of Modification Accounting ("ASU 2017-09"), that clarifies when changes to the terms or conditions of a share-based payment award must be accounted for as modifications. Under the guidance within this update, a company will not apply modification accounting to a share-based payment award if all of the following are the same immediately before and after the change:

- The award's fair value (or calculated value or intrinsic value, if those measurement methods are used)
- The award's vesting conditions
- The award's classification as an equity or liability instrument.

ASU No. 2017-09 is effective for annual periods beginning after December 15, 2017, including interim periods within those periods. The amendments in this update should be applied prospectively to an award modified on or after the effective date. The Company will evaluate the impact of ASU No. 2017-09 for future award changes subsequent to the effective date.

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3. Fair Value Measurements:

Certain assets and liabilities of the Company are reported at fair value in the accompanying condensed consolidated balance sheets. To increase consistency and comparability of assets and liabilities recorded at fair value, ASC 820-10, Fair Value Measurements ("ASC 820-10"), established a three-level fair value hierarchy to prioritize the inputs to valuation techniques used to measure fair value. ASC 820-10 requires disclosures detailing the extent to which companies measure assets and liabilities at fair value, the methods and assumptions used to measure fair value and the effect of fair value measurements on earnings. In accordance with ASC 820-10, the Company applied the following fair value hierarchy:

Level 1 - Assets or liabilities for which the identical item is traded on an active exchange, such as publicly-traded instruments.

Level 2 - Assets and liabilities valued based on observable market data for similar instruments.

Level 3 - Assets or liabilities for which significant valuation assumptions are not readily observable in the market; instruments valued based on the best available data, some of which are internally-developed, and considers risk premiums that market participants would require.

The fair values of cash and cash equivalents, accounts receivable, securities accounted for under ASC 323-10-25, accounts payable and accrued liabilities, and short-term debt approximate their carrying amounts because of the short-term nature of these instruments.

The following table summarizes fair value measurements by level for cash equivalents and registered investment companies that were measured at fair value on a recurring basis:

	Quoted Prices in Active Markets for Identical Assets (Level 1)
September 30, 2017	
Registered investment companies (1) \$	3.7
December 31, 2016	
Registered investment companies (1) \$	3.4

(1) Registered investment companies are classified as available-for-sale securities and are valued using quoted prices in active markets multiplied by the number of shares owned.

The Company has not elected to carry its subordinated promissory note receivable and long-term debt at fair value. The carrying value of the subordinated promissory note receivable represents amortized cost and has been included in "Other assets" in the accompanying condensed consolidated balance sheets. The carrying value of the long-term debt represents amortized cost less unamortized discount and debt issuance costs. The Company assesses the fair value of these financial instruments based on an estimate of interest rates available to the Company for financial instruments with similar features, the Company's current credit rating and spreads applicable to the Company. The following table summarizes the carrying value and estimated fair value of these financial instruments as of September 30, 2017 and December 31, 2016, respectively:

		2017		2016	
	Fair Value Hierarchy	Carrying Value	Estimated Fair Value	Carrying Value	Estimated Fair Value
Financial instruments not carried at fair value:					
Subordinated promissory note receivable	Level 2	\$94.8	\$84.9	\$84.1	\$76.8
Long-term debt excluding capitalized leases	Level 2	\$2,279.8	\$2,456.7	\$2,277.3	\$2,402.6

4. Acquisitions:

2017 Acquisitions

On January 21, 2017, the Company acquired 100 percent of the stock of Arium Limited ("Arium") for a net cash purchase price of \$1.9 million. Arium specializes in liability risk modeling and decision support. Arium has become part of the insurance vertical within the Decision Analytics segment, and enables the Company to provide its customers with additional

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modeling solutions and analytics for the casualty market. The preliminary purchase price allocation of the acquisition is presented as part of "Others" in the table below.

On February 16, 2017, the Company acquired 100 percent of the stock of Healix International Holdings Limited ("Healix"), a software analytics provider in automated medical risk assessment for the travel insurance industry, for a net cash purchase price of \$52.4 million, of which \$7.5 million represents indemnity escrows. Healix is within the Company's Risk Assessment segment. The acquisition further expands the Company's offerings for the global insurance industry, providing solutions that are embedded with customer workflows and can help underwrite medical coverage for travelers with greater speed, accuracy, and efficiency. The preliminary purchase price allocation of the acquisition is presented in the table below.

On February 24, 2017, the Company acquired 100 percent of the stock of Emergent Network Intelligence Limited ("ENI"), a developer in insurance claims efficiency and fraud detection solutions based in the United Kingdom ("U.K."), for a net cash purchase price of \$6.1 million, of which \$0.5 million represents indemnity escrows. With the acquisition of ENI within the Decision Analytics segment, the Company's customers in the U.K. can take advantage of technologically advanced tools that allow them to improve motor vehicle claims workflow and reduce their costs and exposure to fraud. The preliminary purchase price allocation of the acquisition is presented as part of "Others" in the table below.

On March 31, 2017, the Company acquired 100 percent of the stock of Fintellix Solutions Private Limited ("Fintellix"), a Bangalore-based data solutions company specializing in the development of data management platforms and regulatory reporting solutions for financial institutions, for a net cash purchase price of \$16.9 million, of which \$1.8 million represents indemnity escrows. Fintellix has become part of the financial services vertical within the Decision Analytics segment. The acquisition of Fintellix positions the Company to expand the data hosting and regulatory platforms and better address the increasingly complex needs of its customers. The preliminary purchase price allocation of the acquisition is presented in the table below.

On May 19, 2017, the Company acquired 100 percent of the stock of MAKE Consulting A/S ("MAKE"), a research and advisory business specializing in wind power, for a net cash purchase price of \$16.9 million, of which \$2.7 million represents indemnity escrows. MAKE has become part of the energy and specialized markets vertical within the Decision Analytics segment. MAKE enhances the Company's offering to existing customers and forms a market analysis and advisory consortium on renewables and the transformation of the global electricity industry. With detailed coverage of power market fundamentals, solar, wind, energy storage, and grid edge technologies, the energy and specialized markets vertical is positioned to bring customers market analysis and insight on the evolution of the energy landscape and provide a comprehensive platform for the future. The preliminary purchase price allocation of the acquisition is presented as part of "Others" in the table below.

During the three months ended June 30, 2017, the Company acquired the net assets of Blue Skies Consulting, LLC, ControlCam, LLC, Krawietz Aerial Photography, LLC, Richard Crouse & Associates, Inc., Rocky Mountain Aerial Surveys, Inc., Skyview Aerial Photo, Inc., and Valley Air Photos, LLC (collectively referred to as "Aerial Imagery acquisitions"), a group of similar but unrelated companies, which gives the Company broad geographic coverage of the United States for aerial image capture purposes. The Aerial Imagery acquisitions provide multi-spectral aerial photographic services with expertise in offering digital photogrammetric and remote sensing data for mapping and surveying applications. The purchase consideration consists of an aggregate net cash purchase price of \$28.1 million and a holdback of \$3.1 million. Within the Company's Decision Analytics segment, the Aerial Imagery acquisitions enable the Company to enhance and maintain its database of images with the required frequency, resolution, and coverage across the U.S. to support the Company's objective as the leading provider of loss quantification data, analytics, and decision-support solutions to the insurance industry, the photogrammetry, surveying and mapping and other related markets. The preliminary purchase price allocation of the acquisition is presented as part of "Others" in the table below.

On August 3, 2017, the Company acquired 100 percent of the stock of G2 Web Services ("G2"), a provider of merchant risk intelligence solutions for acquirers, commercial banks, and other payment system providers, for a net cash purchase price of \$112.0 million, of which \$5.6 million represents indemnity escrows. G2 has become part of the financial services vertical within the Decision Analytics segment. The acquisition of G2 positions the Company to

further enhance its offerings to clients and partners, by providing solutions that help fight fraud, transaction laundering, and reputational risk within the global payments and e-commerce ecosystem. The preliminary purchase price allocation of the acquisition is presented in the table below.

On August 23, 2017, the Company acquired 100 percent of the stock of Sequel Business Solutions Ltd. ("Sequel"), a provider of commercial and specialty insurance and reinsurance software based in the U.K., for a net cash purchase price of \$320.3 million. Sequel has become part of the insurance vertical within the Decision Analytics segment. The acquisition of Sequel further enhances the Company's comprehensive offerings to the global complex commercial and specialty insurance

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industry, enabling integrated global data analytics through a specialized end-to-end workflow solution. The preliminary purchase price allocation of the acquisition is presented in the table below.

On August 31, 2017, the Company acquired 100 percent of the stock of Lundquist Consulting, Inc. ("LCI"), a provider of risk insight, prediction, and management solutions for banks and creditors, for a net cash purchase price of \$150.6 million, of which \$12.8 million represents indemnity escrows. LCI has become part of the financial services vertical within the Decision Analytics segment. This acquisition brings together the Company's proprietary data assets and LCI's proprietary time-series data, including consumer and commercial bankruptcies, consumer behavior, and legal and technical terms associated with debtor settlements. The preliminary purchase price allocation of the acquisition is presented in the table below.

The preliminary purchase price allocations of the 2017 acquisitions resulted in the following:

	Healix	Fintellix	G2	Sequel	LCI	Others	Total
Cash and cash equivalents	\$0.9	\$ 1.1	\$1.0	\$16.0	\$1.1	\$2.0	\$22.1
Accounts receivable	0.9	2.1	3.4	9.5	3.1	2.9	21.9
Current assets	—	0.9	3.6	1.4	—	0.7	6.6
Fixed assets	—	0.1	6.4	7.5	5.7	11.9	31.6
Intangible assets	21.1	6.6	41.0	107.3	55.7	12.2	243.9
Goodwill	35.2	11.3	74.2	226.0	100.7	33.5	480.9
Other assets	7.5	2.0	2.8	—	12.8	3.3	28.4
Total assets acquired	65.6	24.1	132.4	367.7	179.1	66.5	835.4
Current liabilities	1.1	1.3	3.2	9.9	1.1	1.4	18.0
Deferred revenues	0.1	0.8	0.4	2.4	0.3	1.7	5.7
Deferred income taxes, net	3.6	2.2	13.0	19.1	13.2	2.1	53.2
Other liabilities	7.5	1.8	2.8	—	12.8	6.3	31.2
Total liabilities assumed	12.3	6.1	19.4	31.4	27.4	11.5	108.1
Net assets acquired	53.3	18.0	113.0	336.3	151.7	55.0	727.3
Cash acquired	(0.9)	(1.1)	(1.0)	(16.0)	(1.1)	(2.0)	(22.1)
Net cash purchase price	\$52.4	\$ 16.9	\$112.0	\$320.3	\$150.6	\$53.0	\$705.2

The preliminary amounts assigned to intangible assets by type for the 2017 acquisitions are summarized in the table below:

	Weighted Average Useful Life	Total
Technology-related	7 years	\$66.3
Marketing-related	8 years	15.3
Customer-related	10 years	110.0
Database-related	12 years	52.3
Total intangible assets		\$243.9

The preliminary allocations of the purchase price for the 2016 and 2017 acquisitions with less than a year ownership are subject to revisions as additional information is obtained about the facts and circumstances that existed as of each acquisition date. The revisions may have a significant impact on the condensed consolidated financial statements. The allocations of the purchase price will be finalized once all information is obtained, but not to exceed one year from the acquisition date. The primary areas of the purchase price allocation that are not yet finalized relate to operating leases, income and non-income taxes, deferred revenues, the valuation of intangible assets acquired, and residual goodwill.

The preliminary amounts assigned to intangible assets by type for these acquisitions were based upon the Company's valuation model and historical experiences with entities with similar business characteristics. For the nine months ended September 30, 2017, the Company finalized the purchase accounting for the acquisitions of RII, Greentech Media and Quest Offshore during the measurement periods in accordance with ASC 805. The impact of finalization of the purchase accounting associated with these acquisitions were not material to the accompanying condensed consolidated statements of operations for the three and nine months ended September 30, 2017 and 2016.

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For the three and nine months ended September 30, 2017, the Company incurred transaction costs related to Arium, Healix, ENI, Fintellix, MAKE, Aerial Imagery acquisitions, G2, Sequel and LCI of \$3.2 million and \$5.9 million, respectively. For the three and nine months ended September 30, 2016, the Company incurred transaction costs of \$0.8 million and \$1.0 million, respectively, related to the acquisitions of the RII, Greentech Media and Quest Offshore. The transaction costs were included within "Selling, general and administrative" expenses in the accompanying condensed consolidated statements of operations. For the 2017 acquisitions, the goodwill of \$465.8 million associated with the stock purchases of Arium, Healix, ENI, Fintellix, MAKE, G2, Sequel and LCI is not deductible for tax purposes, with the exception of \$19.9 million of goodwill attributable to G2. The goodwill of \$15.1 million associated with the Aerial Imagery asset acquisitions is deductible for tax purposes. For the 2016 acquisitions, the goodwill of \$34.9 million associated with the stock purchases of RII and Greentech Media is not deductible for tax purposes, whereas the goodwill of \$6.2 million associated with the asset acquisition of Quest Offshore is deductible for tax purposes.

The 2017 acquisitions were immaterial, both individually and in the aggregate, to the Company's condensed consolidated financial statements for the nine months ended September 30, 2017 and 2016 and therefore, supplemental information disclosure on an unaudited pro forma basis is not presented.

Acquisition Escrows

Pursuant to the related acquisition agreements, the Company has funded various escrow accounts to satisfy pre-acquisition indemnity and tax claims arising subsequent to the acquisition date, as well as a portion of the contingent payments. At September 30, 2017 and December 31, 2016, the current portion of the escrows amounted to \$19.9 million and \$4.1 million, and the noncurrent portion of the escrows amounted to \$22.1 million and \$6.3 million, respectively. The current and noncurrent portions of the escrows have been included in "Other current assets" and "Other assets" in the accompanying condensed consolidated balance sheets, respectively.

5. Discontinued Operations:

On June 1, 2016, the Company sold 100 percent of the stock of its healthcare business, Verisk Health ("Verisk Health"), in exchange for a purchase price that consisted of \$714.6 million of cash consideration after a working capital adjustment of \$5.4 million, a subordinated promissory note with a face value of \$100.0 million and an eight year maturity (the "Note"), and other contingent consideration (collectively, the "Sale"). Results of operations for the healthcare business are reported as a discontinued operation for the nine months ended September 30, 2016.

The Note has a stated interest rate of 9.0% per annum, increasing to 11.0% per annum at the earlier of specified refinancings or acquisitions, or the fourth anniversary of the closing of the Sale. Interest shall accrue from the closing date and on each anniversary of the Sale until the Note is paid in full on the unpaid principal amount of the Note outstanding at the interest rate in effect (computed on the basis of a 360-day year of twelve 30-day months). On each anniversary of the Sale, accrued interest shall be paid in kind by adding the amount of such accrued interest to the outstanding principal amount of the Note. The issuer of the Note may, at its option at any time prior to the maturity date, prepay any, or all, of the principal amount of the Note, plus accrued but unpaid interest as of the elected prepayment date, without any premium or penalty. There is a mandatory prepayment of the Note as a result of (i) the proceeds of a specified dividend recapitalization received by the issuer, (ii) the consummation of a change of control of the issuer, or (iii) the sale, transfer or other disposition by the parent of the issuer of more than 10.0% of the capital stock of the issuer. As of September 30, 2017, the Company had a receivable of \$94.8 million outstanding under the Note. The carrying value of the Note represents amortized cost. The fair value of the Note is based on management estimates with the assistance of valuations performed by third party specialists, discounted cash flow analysis based on current market conditions and assumptions that the Note would be paid in full at maturity, including accrued interest, with no prepayment election. Refer to Note 3 Fair Value Measurements for further discussion.

The Company also received a 10.0% non-participating interest in the issuer's stock, the exercise value of which will be contingent on the parent of the issuer realizing a specified rate of return on its investment. As of September 30, 2017, the Company had an equity investment of \$8.4 million related to such interest accounted for in accordance with ASC 323-10-25, The Equity Method of Accounting for Investments in Common Stock ("ASC 323-10-25"). The value of the equity investment has been included in "Other assets" in the accompanying condensed consolidated balance sheets.

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The following table summarizes the results from the discontinued operation for the nine months ended September 30:

	Nine Months Ended September 30, 2017	2016
Revenues from discontinued operations	\$—	\$112.3
Expenses:		
Cost of revenues (exclusive of items shown separately below)	—	75.9
Selling, general and administrative	—	36.6
Depreciation and amortization of fixed assets	—	7.0
Amortization of intangible assets	—	5.9
Total expenses	—	125.4
Operating loss	—	(13.1)
Other income:		
Gain on sale	—	269.3
Investment income and others, net	—	0.3
Total other income	—	269.6
Income from discontinued operations before income taxes	—	256.5
Provision for income taxes (included tax on gain of \$118.0)	—	(118.6)
Income from discontinued operations, net of tax	\$—	\$137.9

Net cash provided by operating activities and net cash used in investing activities from the discontinued operation for the nine months ended September 30 are presented below:

	2017	2016
Net cash provided by operating activities	\$	-\$21.4
Net cash used in investing activities	\$	-\$ (10.6)

6. Goodwill and Intangible Assets:

The following is a summary of the change in goodwill from December 31, 2016 through September 30, 2017, both in total and as allocated to the Company's operating segments:

	Risk Assessment	Decision Analytics	Total
Goodwill at December 31, 2016 (1)	\$ 71.3	\$2,506.8	\$2,578.1
Current year acquisitions	35.2	445.7	480.9
Purchase accounting reclassification	(1.6)	(2.2)	(3.8)
Foreign currency translation	3.2	130.4	133.6
Goodwill at September 30, 2017 (1)	\$ 108.1	\$3,080.7	\$3,188.8

(1) These balances are net of accumulated impairment charges of \$3.2 million that occurred prior to December 31, 2016.

Goodwill and intangible assets with indefinite lives are subject to impairment testing annually as of June 30, or whenever events or changes in circumstances indicate that the carrying amount may not be fully recoverable. Goodwill impairment testing compares the carrying value of each reporting unit to its fair value. If the fair value of the reporting unit exceeds the carrying value of the net assets, including goodwill assigned to that reporting unit, goodwill is not impaired. If the carrying value of the reporting unit's net assets including goodwill exceeds the fair value of the reporting unit, then the Company will determine the implied fair value of the reporting unit's goodwill. If the carrying value of a reporting unit's goodwill exceeds its implied fair value, then an impairment loss is recorded for the

difference between the carrying amount and the implied fair value of goodwill. The Company completed the required annual impairment test as of June 30, 2017, and concluded that there was no impairment of goodwill.

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The Company's intangible assets and related accumulated amortization consisted of the following:

	Weighted Average Useful Life	Cost	Accumulated Amortization	Net
September 30, 2017				
Technology-based	7 years	\$387.8	\$ (215.9)	\$ 171.9
Marketing-related	17 years	257.8	(59.9)	197.9
Contract-based	6 years	5.0	(5.0)	—
Customer-related	13 years	618.5	(161.7)	456.8
Database-related	19 years	481.0	(51.4)	429.6
Total intangible assets		\$1,750.1	\$ (493.9)	\$ 1,256.2
December 31, 2016				
Technology-based	7 years	\$310.9	\$ (196.6)	\$ 114.3
Marketing-related	17 years	227.5	(47.5)	180.0
Contract-based	6 years	5.0	(5.0)	—
Customer-related	14 years	483.1	(128.5)	354.6
Database-related	20 years	393.9	(32.0)	361.9
Total intangible assets		\$1,420.4	\$ (409.6)	\$ 1,010.8

Amortization expense related to intangible assets for the three months ended September 30, 2017 and 2016 was \$27.5 million and \$22.7 million, respectively. Amortization expense related to intangible assets for the nine months ended September 30, 2017 and 2016 was \$73.6 million and \$70.4 million, respectively. Estimated amortization expense for the remainder of 2017 and the years through 2022 and thereafter for intangible assets subject to amortization is as follows:

Year	Amount
2017	\$30.5
2018	121.8
2019	120.8
2020	118.2
2021	108.3
2022 and thereafter	756.6
	\$1,256.2

7. Income Taxes:

The Company's effective tax rate for the three and nine months ended September 30, 2017 was 33.19% and 31.51%, respectively, compared to the effective tax rate for the three and nine months ended September 30, 2016 of 26.00% and 30.29%. The effective tax rate for the three and nine months ended September 30, 2017 is higher than the effective tax rate for the three and nine months ended September 30, 2016 primarily due to reduced tax benefits in the current period resulting from legislation enacted in the U.K., and mix of foreign income, partially offset by the tax rate benefit of adopting ASU No. 2016-09. The difference between statutory tax rates and the Company's effective tax rate is primarily attributable to income earned in foreign jurisdictions with tax rates lower than the U.S. rate, offset by additional state and local income taxes.

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8. Debt:

The following table presents short-term and long-term debt by issuance as of September 30, 2017 and December 31, 2016:

	Issuance Date	Maturity Date	2017	2016
Short-term debt and current portion of long-term debt:				
Syndicated revolving credit facility	Various	Various	\$595.0	\$100.0
Capital lease obligations	Various	Various	7.9	6.8
Short-term debt and current portion of long-term debt			602.9	106.8
Long-term debt:				
Senior notes:				
4.000% senior notes, less unamortized discount and debt issuance costs of \$9.5 and \$10.4, respectively	5/15/2015	6/15/2025	890.5	889.6
5.500% senior notes, less unamortized discount and debt issuance costs of \$4.9 and \$5.0, respectively	5/15/2015	6/15/2045	345.1	345.0
4.125% senior notes, less unamortized discount and debt issuance costs of \$3.0 and \$3.5, respectively	9/12/2012	9/12/2022	347.0	346.5
4.875% senior notes, less unamortized discount and debt issuance costs of \$0.8 and \$1.4, respectively	12/8/2011	1/15/2019	249.2	248.6
5.800% senior notes, less unamortized discount and debt issuance costs of \$1.9 and \$2.4, respectively	4/6/2011	5/1/2021	448.1	447.6
Capital lease obligations	Various	Various	3.1	7.1
Syndicated revolving credit facility debt issuance costs	Various	Various	(4.2)	(4.2)
Long-term debt			2,278.8	2,280.2
Total debt			\$2,881.7	\$2,387.0

As of September 30, 2017 and December 31, 2016, the Company had senior notes with an aggregate principal amount of \$2,300.0 million outstanding and was in compliance with their financial debt covenants.

As of September 30, 2017, the Company had a borrowing capacity of \$1,500.0 million under the committed senior unsecured Syndicated Revolving Credit Facility (the "Credit Facility") with Bank of America N.A., JP Morgan Chase, N.A., and a syndicate of banks. The Credit Facility may be used for general corporate purposes, including working capital needs and capital expenditures, acquisitions and the share repurchase program (the "Repurchase Program"). The Company was in compliance with all financial debt covenants under the Credit Facility as of September 30, 2017. As of September 30, 2017 and December 31, 2016, the Company had outstanding borrowings under the Credit Facility of \$595.0 million and \$100.0 million, respectively. On May 18, 2017, the Company entered into the third amendment to the Credit Facility, which, among other things, extended the maturity date one year to May 15, 2022.

9. Stockholders' Equity:

The Company has 2,000,000,000 shares of authorized common stock. The common shares have rights to any dividend declared by the board of directors (the "Board"), subject to any preferential or other rights of any outstanding preferred stock, and voting rights to elect all thirteen members of the Board.

The Company has 80,000,000 shares of authorized preferred stock, par value \$0.001 per share. The preferred shares have preferential rights over the common shares with respect to dividends and net distribution upon liquidation. The Company did not issue any preferred shares as of September 30, 2017.

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Share Repurchase Program

Since the introduction of the Repurchase Program as a feature of the Company's capital management strategies in 2010, the Company has authorized repurchases of up to \$2,800.0 million of its common stock and has repurchased shares with an aggregate value of \$2,433.8 million. The Company repurchased 3,356,360 shares of common stock with an aggregate value of \$269.8 million during the nine months ended September 30, 2017. As of September 30, 2017, the Company had \$366.2 million available to repurchase shares. The Company has no obligation to repurchase stock under this program and intends to use this authorization as a means of offsetting dilution from the issuance of shares under the KSOP, the Verisk 2013 Equity Incentive Plan (the "2013 Incentive Plan"), the Verisk 2009 Equity Incentive Plan (the "2009 Incentive Plan"), and the ISO 1996 Incentive Plan (the "1996 Incentive Plan"), while providing flexibility to repurchase additional shares if warranted. This authorization has no expiration date and may be increased, reduced, suspended, or terminated at any time. Shares that are repurchased under the Repurchase Program will be recorded as treasury stock and will be available for future issuance.

Treasury Stock

As of September 30, 2017, the Company's treasury stock consisted of 379,486,284 shares of common stock. During the nine months ended September 30, 2017, the Company reissued 957,342 shares of common stock from the treasury shares at a weighted average price of \$8.07 per share.

Earnings Per Share ("EPS")

Basic EPS is computed by dividing income from continuing operations, income from discontinued operations and net income, respectively, by the weighted average number of common shares outstanding during the period. The computation of diluted EPS is similar to the computation of basic EPS except that the denominator is increased to include the number of additional common shares that would have been outstanding, using the treasury stock method, if the dilutive potential common shares, including stock options, nonvested restricted stock awards, and nonvested restricted stock units, had been issued.

The following is a reconciliation of the numerators and denominators of the basic and diluted EPS computations for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2017	2016	2017	2016
Numerator used in basic and diluted EPS:				
Income from continuing operations	\$ 120.7	\$ 127.6	\$ 350.5	\$ 344.0
Income from discontinued operations (Note 5)	—	—	—	137.9
Net income	\$ 120.7	\$ 127.6	\$ 350.5	\$ 481.9
Denominator:				
Weighted average number of common shares used in basic EPS	164,577,575	168,874,129	165,314,267	168,541,399
Effect of dilutive shares:				
Potential common shares issuable from stock options and stock awards	3,379,483	2,911,771	3,493,138	2,953,790
Weighted average number of common shares and dilutive potential common shares used in diluted EPS	167,957,058	171,785,900	168,807,405	171,495,189

The potential shares of common stock that were excluded from diluted EPS were 2,471,487 and 1,239,406 for the three months ended September 30, 2017 and 2016, and 2,158,723 and 1,890,460 for the nine months ended September 30, 2017 and 2016, respectively, because the effect of including these potential shares was anti-dilutive.

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Accumulated Other Comprehensive Losses

The following is a summary of accumulated other comprehensive losses as of September 30, 2017 and December 31, 2016:

	2017	2016
Foreign currency translation adjustment	\$(356.5)	\$(561.4)
Unrealized holding gains on available-for-sale securities, net of tax	0.5	0.3
Pension and postretirement adjustment, net of tax	(87.3)	(89.7)
Accumulated other comprehensive losses	\$(443.3)	\$(650.8)

The before tax and after tax amounts of other comprehensive income for the three and nine months ended September 30, 2017 and 2016 are summarized below:

	Before Tax	Tax (Expense) Benefit	After Tax
For the Three Months Ended September 30, 2017			
Foreign currency translation adjustment	\$ 82.2	\$ —	\$ 82.2
Pension and postretirement adjustment before reclassifications	2.4	(0.7)	1.7
Amortization of net actuarial loss and prior service benefit reclassified from accumulated other comprehensive losses (2)	(1.2)	0.4	(0.8)
Pension and postretirement adjustment	1.2	(0.3)	0.9
Total other comprehensive gain	\$ 83.4	\$ (0.3)	\$ 83.1
For the Three Months Ended September 30, 2016			
Foreign currency translation adjustment	\$ (62.1)	\$ —	\$ (62.1)
Unrealized holding gain on available-for-sale securities before reclassifications	0.7	(0.3)	0.4
Amount reclassified from accumulated other comprehensive losses (1)	(0.6)	0.3	(0.3)
Unrealized holding gain on available-for-sale securities	0.1	—	0.1
Pension and postretirement adjustment before reclassifications	1.8	(1.0)	0.8
Amortization of net actuarial loss and prior service benefit reclassified from accumulated other comprehensive losses (2)	(0.9)	0.3	(0.6)
Pension and postretirement adjustment	0.9	(0.7)	0.2
Total other comprehensive loss	\$ (61.1)	\$ (0.7)	\$ (61.8)

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	Before Tax	Tax (Expense) Benefit	After Tax
For the Nine Months Ended September 30, 2017			
Foreign currency translation adjustment	\$ 204.9	\$ —	\$ 204.9
Unrealized holding gain on available-for-sale securities before reclassifications	0.3	(0.1)	0.2
Unrealized holding gain on available-for-sale securities	0.3	(0.1)	0.2
Pension and postretirement adjustment before reclassifications	7.4	(2.7)	4.7
Amortization of net actuarial loss and prior service benefit reclassified from accumulated other comprehensive losses (2)	(3.7)	1.4	(2.3)
Pension and postretirement adjustment	3.7	(1.3)	2.4
Total other comprehensive gain	\$ 208.9	\$ (1.4)	\$ 207.5
For the Nine Months Ended September 30, 2016			
Foreign currency translation adjustment	\$ (278.6)	\$ —	\$ (278.6)
Unrealized holding gain on available-for-sale securities before reclassifications	0.8	(0.3)	0.5
Amount reclassified from accumulated other comprehensive losses (1)	(0.3)	0.1	(0.2)
Unrealized holding gain on available-for-sale securities	0.5	(0.2)	0.3
Pension and postretirement adjustment before reclassifications	5.4	(2.3)	3.1
Amortization of net actuarial loss and prior service benefit reclassified from accumulated other comprehensive losses (2)	(2.7)	1.0	(1.7)
Pension and postretirement adjustment	2.7	(1.3)	1.4
Total other comprehensive loss	\$ (275.4)	\$ (1.5)	\$ (276.9)

- (1) This accumulated other comprehensive loss component, before tax, is included under “Investment income and others, net” in the accompanying condensed consolidated statements of operations.
- (2) These accumulated other comprehensive loss components, before tax, are included under “Cost of revenues” and “Selling, general and administrative” in the accompanying condensed consolidated statements of operations. These components are also included in the computation of net periodic (benefit) cost (see Note 11 Pension and Postretirement Benefits for additional details).

10. Equity Compensation Plans:

ISO 401(k) Savings and Employee Stock Ownership Plan ("KSOP")

The Company has established the KSOP for the benefit of eligible employees in the U.S. and Puerto Rico. The KSOP includes both an employee savings component and an employee stock ownership component. The purpose of the combined plan is to enable the Company’s employees to participate in a tax-deferred savings arrangement under Internal Revenue Service Code Sections 401(a) and 401(k), and to provide employee equity participation in the Company through the employee stock ownership plan accounts.

For the nine months ended September 30, 2017, the Company opted to fund the 401(k) matching contributions in cash in lieu of issuance of common stock from treasury shares. For the nine months ended September 30, 2017 and 2016, the Company made cash contributions of \$13.0 million and common stock contributions of 143,439 shares at a weighted average price per share of \$79.38, respectively.

Equity Compensation Plans

All of the Company’s outstanding stock options and restricted stock awards are covered under the 2013 Incentive Plan, 2009 Incentive Plan or the 1996 Incentive Plan. Awards under the 2013 Incentive Plan may include one or more of the following types: (i) stock options (both nonqualified and incentive stock options), (ii) stock appreciation rights, (iii) restricted stock, (iv) restricted stock units, (v) performance awards, (vi) other share based awards, and (vii) cash. Employees, directors and consultants are eligible for awards under the 2013 Incentive Plan. The Company issued

common stock under these plans from the Company's treasury shares. As of September 30, 2017, there were 6,798,916 shares of common stock reserved and

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available for future issuance under the 2013 Incentive Plan. Cash received from stock option exercises for the nine months ended September 30, 2017 and 2016 was \$26.0 million and \$32.6 million, respectively.

The Company granted equity awards to key employees of the Company. The nonqualified stock options have an exercise price equal to the closing price of the Company's common stock on the grant date, with a ten-year contractual term. The fair value of the restricted stock is determined using the closing price of the Company's common stock on the grant date. The restricted stock is not assignable or transferable until it becomes vested. The Company recognizes the expense of the equity awards ratably over the vesting period. A summary of the equity awards granted for the nine months ended September 30, 2017 is presented below.

Grant Date	Service Vesting Period	Stock Options	Restricted Stock	Common Stock
January 1 to March 31, 2017	Four-year graded vesting	2,669	525	—
April 1, 2017	Four-year graded vesting	1,300,007	248,489	—
April 1, 2017	Two-year graded vesting	47,030	11,272	—
May 30, 2017	Not applicable	—	—	372
July 1, 2017	One-year graded vesting	75,133	10,308	—
July 1, 2017	Not applicable	—	1,304	3,201
July 1 to September 30, 2017	Four-year graded vesting	5,240	1,078	—
		1,430,079	272,976	3,573

The fair value of the stock options granted for the nine months ended September 30, 2017 and 2016 was estimated using a Black-Scholes valuation model that uses the weighted average assumptions noted in the following table:

	2017	2016		
Option pricing model	Black-Scholes	Black-Scholes		
Expected volatility	18.72	% 20.27	%	
Risk-free interest rate	1.82	% 1.14	%	
Expected term in years	4.5	4.5		
Dividend yield	—	% —	%	
Weighted average grant date fair value per stock option	\$ 15.71	\$ 15.34		

The expected term for the stock options granted was estimated based on studies of historical experience and projected exercise behavior. However, for certain awards granted, for which no historical exercise pattern exists, the expected term was estimated using the simplified method. The risk-free interest rate is based on the yield of U.S. Treasury zero coupon securities with a maturity equal to the expected term of the equity award. The volatility factor is calculated using historical daily closing prices over the most recent period that is commensurate with the expected term of the stock option award. The expected dividend yield was based on the Company's expected annual dividend rate on the date of grant.

A summary of the stock options outstanding and exercisable as of December 31, 2016 and September 30, 2017 and changes during the interim period are presented below:

	Number of Options	Weighted Average Exercise Price	Aggregate Intrinsic Value
Outstanding at December 31, 2016	8,770,917	\$ 46.67	\$ 302.6
Granted	1,430,079	\$ 81.32	
Exercised	(773,206)	\$ 37.24	\$ 35.0
Cancelled or expired	(156,963)	\$ 76.40	
Outstanding at September 30, 2017	9,270,827	\$ 52.29	\$ 286.4
Exercisable at September 30, 2017	6,170,584	\$ 41.08	\$ 259.8
Exercisable at December 31, 2016	6,148,349	\$ 35.35	\$ 281.7

Intrinsic value for stock options is calculated based on the exercise price of the underlying awards and the quoted price of Verisk common stock as of the reporting date. The Company adopted ASU No. 2016-09 prospectively on January 1, 2017 and excess tax benefits from exercised stock options were recorded as income tax benefit in the

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statements of operations. This tax benefit is calculated as the excess of the intrinsic value of options exercised and restricted stock lapsed in excess of compensation recognized for financial reporting purposes. Prior to the adoption of ASU No. 2016-09, for the nine months ended September 30, 2016, the Company recorded excess tax benefits of \$18.4 million in "Additional paid-in capital" in the accompanying condensed consolidated balance sheets. Stock based compensation expense for the nine months ended September 30, 2017 and 2016 was \$24.2 million and \$23.8 million, respectively.

The Company estimates expected forfeitures of equity awards at the date of grant and recognizes compensation expense only for those awards that the Company expects to vest. The forfeiture assumption is ultimately adjusted to the actual forfeiture rate. Changes in the forfeiture assumptions may impact the total amount of expense ultimately recognized over the requisite service period and may impact the timing of expense recognized over the requisite service period.

A summary of the status of the restricted stock awarded under the 2013 Incentive Plan as of December 31, 2016 and September 30, 2017 and changes during the interim period are presented below:

	Number of Shares	Weighted Average Grant Date Fair Value Per Share
Outstanding at December 31, 2016	537,667	\$ 73.34
Granted	272,976	\$ 81.29
Vested	(193,239)	\$ 70.14
Forfeited	(28,572)	\$ 76.87
Outstanding at September 30, 2017	588,832	\$ 77.83

The Company's employee stock purchase plan ("ESPP") offers eligible employees the opportunity to purchase shares of the Company's common stock at a discount of its fair market value at the time of purchase. During the nine months ended September 30, 2017 and 2016, the Company issued 23,391 and 23,168 shares of common stock at a weighted discounted price of \$78.77 and \$76.64 for the ESPP, respectively.

As of September 30, 2017, there was \$76.1 million of total unrecognized compensation costs, exclusive of the impact of vesting upon retirement eligibility, related to nonvested share-based compensation arrangements granted under the 2009 and 2013 Incentive Plans. That cost is expected to be recognized over a weighted average period of 2.67 years. As of September 30, 2017, there were 2,943,743 and 588,612 nonvested stock options and restricted stock, respectively, of which 2,507,335 and 497,670 are expected to vest. The total grant date fair value of options vested during the nine months ended September 30, 2017 and 2016 was \$12.3 million and \$10.5 million, respectively. The total grant date fair value of restricted stock vested during the nine months ended September 30, 2017 and 2016 was \$13.1 million and \$10.6 million, respectively.

11. Pension and Postretirement Benefits:

The Company maintained a frozen qualified defined benefit pension plan for certain of its employees through membership in the Pension Plan for Insurance Organizations (the "Pension Plan"), a multiple-employer trust. The Company has applied a cash balance formula to determine future benefits. Under the cash balance formula, each participant has an account, which is credited annually based on the interest earned on the previous year-end cash balance. The Company also has a frozen non-qualified supplemental cash balance plan ("SERP") for certain employees. The SERP is funded from the general assets of the Company.

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The Company also provides certain healthcare and life insurance benefits to certain qualifying active and retired employees. The Postretirement Health and Life Insurance Plan (the “Postretirement Plan”), which has been frozen, is contributory, requiring participants to pay a stated percentage of the premium for coverage. The components of net periodic (benefit) cost for the three and nine months ended September 30, are summarized below:

	Pension Plan and SERP			
	For the Three Months Ended			
	September 30,			
	2017	2016	2017	2016
Interest cost	\$4.3	\$4.9	\$ 0.1	\$ 0.1
Expected return on plan assets	(7.8)	(7.9)	(0.1)	(0.1)
Amortization of net actuarial loss	1.1	0.9	0.1	—
Net periodic (benefit) cost	\$(2.4)	\$(2.1)	\$ 0.1	\$ —
Employer contributions, net	\$0.3	\$0.3	\$ (0.2)	\$ 0.3
	For the Nine Months Ended			
	September 30,			
	2017	2016	2017	2016
Interest cost	\$12.9	\$14.5	\$0.3	\$0.3
Expected return on plan assets	(23.3)	(23.8)	(0.3)	(0.4)
Amortization of prior service cost	0.1	—	(0.1)	(0.1)
Amortization of net actuarial loss	3.4	2.5	0.3	0.3
Net periodic (benefit) cost	\$(6.9)	\$(6.8)	\$0.2	\$0.1
Employer contributions, net	\$0.8	\$0.8	\$0.4	\$0.5

The expected contributions to the Pension Plan, SERP and Postretirement Plan for the year ending December 31, 2017 are consistent with the amounts previously disclosed as of December 31, 2016.

12. Segment Reporting:

ASC 280-10, Disclosures About Segments of an Enterprise and Related Information (“ASC 280-10”), establishes standards for reporting information about operating segments. ASC 280-10 requires that a public business enterprise reports financial and descriptive information about its operating segments.

Operating segments are components of an enterprise for which separate financial information is available that is evaluated regularly by the chief operating decision maker (“CODM”) in deciding how to allocate resources and in assessing performance. The Company’s President and Chief Executive Officer is identified as the CODM as defined by ASC 280-10. Consistent with the internal management of the Company’s business operations based on service offerings, the Company is organized into the following two operating segments, which are also the Company’s reportable segments:

Decision Analytics: The Company develops solutions that its customers use to analyze the key processes in managing risk: ‘prediction of loss’, ‘detection and prevention of fraud’ and ‘quantification of loss’. The Company’s combination of algorithms and analytic methods incorporates its proprietary data to generate solutions. In most cases, the Company’s customers integrate the solutions into their models, formulas or underwriting criteria in order to predict potential loss events, such as hurricanes and earthquakes claims. The Company develops catastrophe and extreme event models and offers solutions covering natural and man-made risks, including acts of terrorism. The Company also develops solutions that allow customers to quantify costs after loss events occur. Fraud solutions include data on claim histories, analysis of claims to find emerging patterns of fraud, and identification of suspicious claims in the insurance sectors. The Company offers services and a suite of solutions to a client base that includes credit and debit card issuers, retail bank and other consumer financial services providers, payment processors, insurance companies and other industry stakeholders. The Company further leverages predictive models and proprietary data to advise customers to make asset investment and portfolio allocation decisions in the global energy market. The Company discloses revenue within this segment based on the industry vertical groupings of insurance, energy and specialized markets, and financial services. On June 1, 2016, the Company sold its healthcare business, Verisk Health, which was part of the Decision Analytics segment. Results of operations for the healthcare business are reported as a

discontinued operation for the nine months ended September 30, 2016. Refer to Note 5 for more information.

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Risk Assessment: The Company is the leading provider of statistical, actuarial and underwriting data for the U.S. P&C insurance industry. The Company's databases include cleansed and standardized records describing premiums and losses in insurance transactions, casualty and property risk attributes for commercial buildings and their occupants and fire suppression capabilities of municipalities. The Company uses this data to create policy language and proprietary risk classifications that are industry standards and to generate prospective loss cost estimates used to price insurance policies.

The two aforementioned operating segments represent the segments for which discrete financial information is available and upon which operating results are regularly evaluated by the CODM in order to assess performance and allocate resources. The Company uses EBITDA as the profitability measure for making decisions regarding ongoing operations. EBITDA is net income before interest expense, provision for income taxes, depreciation and amortization of fixed and intangible assets. EBITDA is the measure of operating results used to assess corporate performance and optimal utilization of debt and acquisitions. Operating expenses consist of direct and indirect costs principally related to personnel, facilities, software license fees, consulting, travel, and third-party information services. Indirect costs are generally allocated to the segments using fixed rates established by management based upon estimated expense contribution levels and other assumptions that management considers reasonable. The Company does not allocate interest expense and provision for income taxes, since these items are not considered in evaluating the segment's overall operating performance. In addition, the CODM does not evaluate the financial performance of each segment based on assets. On a geographic basis, revenues from countries outside of the U.S. accounted for 21.3% and 22.0% of the Company's consolidated revenues for the nine months ended September 30, 2017 and 2016, respectively. No individual country outside of the U.S. accounted for 5.0% or more of the Company's consolidated revenues for the nine months ended September 30, 2017 or 2016.

The following table provides the Company's revenue and EBITDA by reportable segment for the three and nine months ended September 30, 2017 and 2016, and the reconciliation of EBITDA to operating income as shown in the accompanying condensed consolidated statements of operations:

	For the Three Months Ended					
	September 30, 2017			September 30, 2016		
	Decision Risk		Total	Decision Risk		Total
	Analytics	Assessment		Analytics	Assessment	
Revenues	\$355.9	\$ 193.2	\$549.1	\$317.3	\$ 180.8	\$498.1
Expenses:						
Cost of revenues (exclusive of items shown separately below)	(141.7)	(56.8)	(198.5)	(117.6)	(52.1)	(169.7)
Selling, general and administrative	(60.4)	(20.5)	(80.9)	(55.4)	(22.4)	(77.8)
Investment income and others, net	2.5	0.1	2.6	0.6	1.5	2.1
EBITDA	156.3	116.0	272.3	144.9	107.8	252.7
Depreciation and amortization of fixed assets	(26.2)	(7.6)	(33.8)	(22.6)	(6.9)	(29.5)
Amortization of intangible assets	(26.6)	(0.9)	(27.5)	(22.5)	(0.2)	(22.7)
Less: Investment income and others, net	(2.5)	(0.1)	(2.6)	(0.6)	(1.5)	(2.1)
Operating income	\$101.0	\$ 107.4	208.4	\$99.2	\$ 99.2	198.4
Investment income and others, net			2.6			2.1
Interest expense			(30.3)			(28.1)
Income from continuing operations before income taxes			\$180.7			\$172.4

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	For the Nine Months Ended					
	September 30, 2017			September 30, 2016		
	Decision Risk Analytics	Risk Assessment	Total	Decision Risk Analytics	Risk Assessment	Total
Revenues	\$999.7	\$ 575.2	\$1,574.9	\$947.4	\$ 541.7	\$1,489.1
Expenses:						
Cost of revenues (exclusive of items shown separately below)	(405.3)	(169.8)	(575.1)	(362.6)	(158.8)	(521.4)
Selling, general and administrative	(174.2)	(61.4)	(235.6)	(161.8)	(62.6)	(224.4)
Investment income and others, net	8.0	(0.1)	7.9	1.6	1.4	3.0
EBITDA from discontinued operations (including the gain on sale)	—	—	—	269.4	—	269.4
EBITDA	428.2	343.9	772.1	694.0	321.7	1,015.7
Depreciation and amortization of fixed assets	(76.7)	(22.7)	(99.4)	(69.9)	(20.8)	(90.7)
Amortization of intangible assets	(71.0)	(2.6)	(73.6)	(70.0)	(0.4)	(70.4)
Less: Investment income and others, net	(8.0)	0.1	(7.9)	(1.6)	(1.4)	(3.0)
EBITDA from discontinued operations (including the gain on sale)	—	—	—	(269.4)	—	(269.4)
Operating income	\$272.5	\$ 318.7	591.2	\$283.1	\$ 299.1	582.2
Investment income and others, net			7.9			3.0
Interest expense			(87.3)			(91.7)
Income from continuing operations before income taxes			\$511.8			\$493.5

Operating segment revenues by type of service is provided below:

	For the Three Months Ended		For the Nine Months Ended	
	September 30, 2017	September 30, 2016	September 30, 2017	September 30, 2016
Decision Analytics:				
Insurance	\$203.9	\$174.4	\$573.5	\$521.4
Energy and specialized markets	111.4	109.1	328.0	333.2
Financial services	40.6	33.8	98.2	92.8
Total Decision Analytics	355.9	317.3	999.7	947.4
Risk Assessment:				
Industry-standard insurance programs	149.0	138.2	442.7	414.2
Property-specific rating and underwriting information	44.2	42.6	132.5	127.5
Total Risk Assessment	193.2	180.8	575.2	541.7
Total revenues	\$549.1	\$498.1	\$1,574.9	\$1,489.1

Long-lived assets by country are provided below:

	September 30, 2017	December 31, 2016
Long-lived assets:		
United States of America	\$ 2,101.9	\$ 1,754.0

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United Kingdom	2,658.7	2,102.5
Other countries	322.9	273.8
Total long-lived assets	\$ 5,083.5	\$ 4,130.3

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13. Related Parties:

The Company considers its stockholders that own more than 5.0% of the outstanding common stock to be related parties as defined within ASC 850, Related Party Disclosures. As of September 30, 2017 and December 31, 2016, the Company had no material transactions with related parties owning more than 5.0% of its common stock, except for transactions with the KSOP as disclosed in Note 16 Compensation Plans of the Company's consolidated financial statements included in the 2016 Form 10-K filing.

14. Commitments and Contingencies:

The Company is a party to legal proceedings with respect to a variety of matters in the ordinary course of business, including the matters described below. With respect to ongoing matters, the Company is unable, at the present time, to determine the ultimate resolution of or provide a reasonable estimate of the range of possible loss attributable to these matters or the impact they may have on the Company's results of operations, financial position or cash flows. This is primarily because the matters are generally in early stages and discovery has either not commenced or been completed. Although the Company believes it has strong defenses and intends to vigorously defend these matters, the Company could in the future incur judgments or enter into settlements of claims that could have a material adverse effect on its results of operations, financial position or cash flows.

Intellicorp Records, Inc. Litigation

On September 9, 2015, the Company was served with a nationwide putative class action complaint filed in the Court of Common Pleas, Cuyahoga County in Ohio naming the Company's subsidiary Intellicorp Records, Inc. ("Intellicorp") titled Sherri Legrand v. Intellicorp Records, Inc. and The Cato Corporation et al. Defendants removed the case to the United States District Court for the Northern District of Ohio on October 8, 2015. Plaintiffs filed their First Amended Class Action Complaint on November 5, 2015 ("Amended Complaint"), which like the prior complaint claims violations of the Fair Credit Reporting Act ("FCRA") and alleges two putative class claims against Intellicorp, namely (i) a section 1681k(a) claim on behalf of all individuals who were the subjects of consumer reports furnished by Intellicorp, which contained public record information in the "Government Sanctions" section of the report on or after September 4, 2013 and continuing through the date the class list is prepared, and (ii) a section 1681e(b) claim on behalf of all individuals who were the subjects of consumer reports furnished by Intellicorp, which contained public record information in the "Government Sanctions" section of the report where the address or social security number of the subject of the report do not match the social security number or address contained in the government database on or after September 4, 2013 and continuing through the date the class list is prepared. Count I of the Amended Complaint alleges that defendant Cato violated the FCRA by procuring consumer reports on the plaintiff and other class members without making the stand-alone disclosure required by FCRA section 1681b(b)(2)(A)(i). Counts II and III allege that Intellicorp violated the FCRA section 1681e (b) by failing to follow reasonable procedures to assure maximum accuracy of the adverse information included in its consumer reports and FCRA section 1681k (a) by failing to maintain strict procedures to assure that the public record information reported, which was likely to have an adverse effect on the consumer was complete and up to date, respectively. The Amended Complaint alleges that defendants acted willfully and seeks statutory damages for the classes in an amount not less than one hundred dollars and not more than one thousand dollars per violation, punitive damages, equitable relief, costs and attorney's fees. On April 24, 2017, the parties agreed to resolve the litigation in a Settlement Agreement and Release and plaintiffs filed their Motion for Preliminary Approval of the settlement on the same day. The settlement provides for a non-material cash payment by the Company, as well as certain non-monetary relief. The District Court granted the Motion for Preliminary Approval on April 25, 2017 and the final approval hearing has been re-scheduled for October 31, 2017.

Xactware Solutions, Inc. Patent Litigation

On October 8, 2015, the Company was served with a summons and complaint in an action titled Eagle View Technologies, Inc. and Pictometry International Group, Inc. v. Xactware Solutions, Inc. and Verisk Analytics, Inc. filed in the United States District Court for the District of New Jersey. The complaint alleges that the Company's Roof InSight, Property InSight and Aerial Sketch products infringe seven patents owned by Eagle View and Pictometry namely, Patent Nos. 436, 840, 152, 880, 770, 732 and 454. On November 30, 2015, plaintiffs filed a First Amended Complaint adding Patent Nos. 376 and 737 to the Patents in Suit. The First Amended Complaint seeks an entry of

judgment by the Court that defendants have and continue to directly infringe and/or indirectly infringe, by way of inducement the Patents-in-Suit, permanent injunctive relief, damages, costs and attorney's fees. On May 17, 2017, the District Court so ordered a Joint Stipulated Order of Partial Dismissal with Prejudice dismissing all claims or assertions pertaining to Pictometry Patents Nos. 880 and 732 and certain enumerated claims or assertions pertaining to Eagle View Patents Nos. 436, 840, 152, 770, 454, 376 and 737 (collectively the "Patents in Suit").

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At this time, it is not reasonably possible to determine the ultimate resolution of, or estimate the liability related to this matter.

Interthinx, Inc. Litigation

On April 20, 2015, the Company was served with a putative class action titled John Weber v. Interthinx, Inc. and Verisk Analytics, Inc. The plaintiff, a former employee of the Company's former subsidiary Interthinx, Inc. in Missouri, filed the class action complaint in the United States District Court for the Eastern District of Missouri on behalf of all review appraisers and individuals holding comparable positions with different titles who were employed by Interthinx for the last three years nationwide and who were not paid overtime wages. The class complaint claims that the review appraiser employees were misclassified as exempt employees and, as a result, were denied certain wages and benefits that would have been received if they were properly classified as non-exempt employees. It pleads a Collective Action under section 216(b) of the Fair Labor Standards Act for unpaid overtime and seeks overtime wages, liquidated damages, declaratory relief, interest, costs and attorneys' fees. On March 11, 2014, the Company sold 100 percent of the stock of Interthinx, Inc. The parties agreed to resolve this matter with the Company's contribution of a non-material amount in the Class Action Settlement Agreement executed on November 8, 2016. For settlement purposes only, this matter was consolidated with a related action pending in the Los Angeles Superior Court in which the Company is not a party, titled Sager v. Interthinx. On February 21, 2017, the Los Angeles Superior Court approved the settlement at the preliminary approval hearing. The Court held a final approval hearing on August 22, 2017 and issued its Final Order and Judgment Approving the Class Settlement on September 25, 2017.

Insurance Services Office, Inc. Litigation

On August 1, 2014 the Company was served with an Amended Complaint filed in the United States District Court for the District of Colorado titled Snyder, et. al. v. ACORD Corp., et al. The action is brought by nineteen individual plaintiffs, on their own behalf and on behalf of a putative class, against more than 120 defendants, including the Company and ISO. Except for the Company, ISO and the defendant Acord Corporation, which provides standard forms to assist in insurance transactions, most of the other defendants are property and casualty insurance companies that plaintiffs claim conspired to underpay property damage claims. Plaintiffs claim that the Company and ISO, along with all of the other defendants, violated state and federal antitrust and racketeering laws as well as state common law. On September 8, 2014, the Court entered an Order striking the Amended Complaint and granting leave to the plaintiffs to file a new complaint. On October 13, 2014, plaintiffs filed their Second Amended Complaint, which was re-filed by plaintiffs to correct errors as the Third Amended Complaint. The Third Amended Complaint similarly alleges that the defendants conspired to underpay property damage claims, but does not specifically allege what role the Company or ISO played in the alleged conspiracy. It claims that the Company and ISO, along with all of the other defendants, violated state and federal antitrust and racketeering laws as well as state common law, and seeks all available relief including injunctive, statutory, actual and punitive damages as well as attorneys' fees. On January 15, 2016, the Court granted defendants' motions to dismiss all claims asserted in the Third Amended Complaint. Plaintiffs filed a motion for reconsideration of this dismissal on February 16, 2016. The Court granted defendants' motion to strike the motion for reconsideration on March 2, 2016 and gave plaintiffs leave to file another motion for reconsideration in accordance with the rules which plaintiffs filed on March 11, 2016 and, which was denied by the Court on April 25, 2016. On April 1, 2016, plaintiffs also filed a Notice of Appeal of the Court's January 15, 2016 Order, which dismissed all claims in the Third Amended Complaint. Plaintiffs also filed an appeal of the Court's denial of the motion for reconsideration, which the Court of Appeals for the 10th Circuit consolidated with the appeal of the Court's January 15, 2016 dismissal. Appellants filed their brief in support of the consolidated appeal on July 21, 2016 and Appellees filed their brief in response on September 21, 2016. On April 6, 2017, the Court of Appeals for the 10th Circuit affirmed the Court's dismissal of the Third Amended Complaint. Appellants filed a motion for en banc reconsideration of the 10th Circuit's affirmance of the dismissal of the Third Amended Complaint which was denied on May 26, 2017. Appellants filed their petition for a writ of certiorari in the Supreme Court on August 24, 2017 which was denied on October 30, 2017.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with our historical financial statements and the related notes included in our annual report on Form 10-K, or 2016 10-K, dated and filed with the Securities and Exchange Commission on February 21, 2017. This discussion contains forward-looking statements that involve risks and uncertainties. Our actual results may differ materially from those discussed in or implied by any of the forward-looking statements as a result of various factors, including but not limited to those listed under "Risk Factors" and "Special Note Regarding Forward Looking Statements" in our 2016 10-K.

Verisk Analytics is a leading data analytics provider serving customers in insurance, natural resources and financial services. Using advanced technologies to collect and analyze billions of records, we draw on unique data assets and deep domain expertise to provide innovations that may be integrated into customer workflows. We offer predictive analytics and decision support solutions to customers in rating, underwriting, claims, catastrophe and weather risk, natural resources intelligence, economic forecasting, and many other fields. In the United States, or U.S., and around the world, we help customers protect people, property, and financial assets.

Our customers use our solutions to make better decisions about risk and opportunities with greater efficiency and discipline. We refer to these products and services as solutions due to the integration among our services and the flexibility that enables our customers to purchase components or a comprehensive package. These solutions take various forms, including data, expert insight, statistical models and tailored analytics all designed to allow our customers to make more logical decisions. We believe our solutions for analyzing risk positively impact our customers' revenues and help them better manage their costs.

We organize our business in two segments: Risk Assessment and Decision Analytics. Our Risk Assessment segment provides statistical, actuarial and underwriting data for the U.S. P&C insurance industry. Our Risk Assessment segment revenues represented approximately 36.5% and 36.4% of our revenues for the nine months ended September 30, 2017 and 2016, respectively. Our Decision Analytics segment provides solutions to our customers within three vertical market-related groupings of insurance, energy and specialized markets, and financial services. Our Decision Analytics segment revenues represented approximately 63.5% and 63.6% of our revenues for the nine months ended September 30, 2017 and 2016, respectively.

Discontinued Operations

On June 1, 2016, we sold 100 percent of the stock of the healthcare business, or Verisk Health, in exchange for a purchase price that consisted of \$714.6 million of cash consideration after a working capital adjustment of \$5.4 million, a subordinated promissory note with a face value of \$100.0 million and an eight year maturity, or the Note, and other contingent consideration. Results of operations for the healthcare business are reported as a discontinued operation for the three and nine months ended September 30, 2016. See Note 5 of our condensed consolidated financial statements included in this Form 10-Q. As necessary, all amounts have been retroactively adjusted in all periods presented to give recognition to this discontinued operation.

Executive Summary

Key Performance Metrics

We believe our business' ability to generate recurring revenue and positive cash flow is the key indicator of the successful execution of our business strategy. We use year-over-year revenue growth and EBITDA margin as metrics to measure our performance. EBITDA and EBITDA margin are non-GAAP financial measures (See footnote 1 within the Condensed Consolidated Results of Operations section of Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations). The respective GAAP financial measures are net income and net income margin.

Revenue growth. We use year-over-year revenue growth as a key performance metric. We assess revenue growth based on our ability to generate increased revenue through increased sales to existing customers, sales to new customers, sales of new or expanded solutions to existing and new customers, and strategic acquisitions of new

businesses.

EBITDA growth. We use EBITDA growth as a proxy for the cash generated by the business as an indicator of segment performance. EBITDA growth serves as a measure of our ability to balance the size of revenue growth with cost management and investing for future growth.

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EBITDA margin. We use EBITDA margin as a metric to assess segment performance and scalability of our business. We assess EBITDA margin based on our ability to increase revenues while controlling expense growth.

Revenues

We earn revenues through subscriptions, long-term agreements and on a transactional basis. Subscriptions for our solutions are generally paid in advance of rendering services either quarterly or in full upon commencement of the subscription period, which is usually for one year and automatically renewed each year. As a result, the timing of our cash flows generally precedes our recognition of revenues and income and our cash flow from operations tends to be higher in the first quarter as we receive subscription payments. Examples of these arrangements include subscriptions that allow our customers to access our standardized coverage language, our claims fraud database or our actuarial services throughout the subscription period. In general, we experience minimal revenue seasonality within the business. Our long-term agreements are generally for periods of three to five years. We recognize revenue from subscriptions ratably over the term of the subscription and most long-term agreements are recognized ratably over the term of the agreement.

Approximately 90.9% and 90.8% of the revenues in our Risk Assessment segment for the nine months ended September 30, 2017 and 2016, respectively, were derived from subscriptions and long-term agreements for our solutions. Our customers in this segment include most of the P&C insurance providers in the U.S. Approximately 75.0% and 77.6% of the revenues in our Decision Analytics segment, for the nine months ended September 30, 2017 and 2016, respectively, were derived from subscriptions and long-term agreements for our solutions. In this segment, our customer bases are within the insurance, energy and specialized markets, and financial services verticals. Certain of our solutions are also paid for by our customers on a transactional basis, recurring and non-recurring. For example, we have solutions that allow our customers to access property-specific rating and underwriting information to price a policy on a commercial building, or compare a P&C insurance, or workers' compensation claim with information in our databases. We also provide advisory services, which help our customers get more value out of our analytics and their subscriptions. For the nine months ended September 30, 2017, and 2016, approximately 19.2% and 17.6%, respectively, of our revenues were derived from providing transactional recurring and non-recurring solutions. We earn these revenues as our solutions are delivered or services performed. In general, transactions are billed monthly at the end of each month.

Principal Operating Costs and Expenses

Personnel expenses are the major component of both our cost of revenues and selling, general and administrative expenses. Personnel expenses, which represented 47.8% and 47.1% of our total expenses for the nine months ended September 30, 2017 and 2016, respectively, include salaries, benefits, incentive compensation, equity compensation costs, sales commissions, employment taxes, recruiting costs, and outsourced temporary agency costs.

We allocate personnel expenses between two categories, cost of revenues and selling, general and administrative expense, based on the actual costs associated with each employee. We categorize employees who maintain our solutions as cost of revenues, and all other personnel, including executive managers, sales people, marketing, business development, finance, legal, human resources, and administrative services, as selling, general and administrative expenses. A significant portion of our other operating costs, such as facilities and communications, is also either captured within cost of revenues or selling, general and administrative expenses based on the nature of the work being performed.

While we expect to grow our headcount over time to take advantage of our market opportunities, we believe that the economies of scale in our operating model will allow us to grow our personnel expenses at a lower rate than revenues. Historically, our EBITDA margin has improved because we have been able to increase revenues without a proportionate corresponding increase in expenses. However, part of our corporate strategy is to invest in new solutions which may offset margin expansion.

Cost of Revenues. Our cost of revenues consists primarily of personnel expenses. Cost of revenues also includes the expenses associated with the acquisition and verification of data, the maintenance of our existing solutions and the development and enhancement of our next-generation solutions. Our cost of revenues excludes depreciation and amortization.

Selling, General and Administrative Expenses. Our selling, general and administrative expenses consist primarily of personnel costs. A portion of the other operating costs such as facilities, insurance and communications is also allocated to selling, general and administrative expenses based on the nature of the work being performed by the employee. Our selling, general and administrative expenses exclude depreciation and amortization.

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Condensed Consolidated Results of Operations

	Three Months Ended September 30,		Percentage Change	Nine Months Ended September 30,		Percentage Change
	2017	2016		2017	2016	
(In millions, except for share and per share data)						
Statement of income data:						
Revenues:						
Decision Analytics revenues	\$355.9	\$317.3	12.2 %	\$999.7	\$947.4	5.5 %
Risk Assessment revenues	193.2	180.8	6.9 %	575.2	541.7	6.2 %
Revenues	549.1	498.1	10.2 %	1,574.9	1,489.1	5.8 %
Expenses:						
Cost of revenues (exclusive of items shown separately below)	198.5	169.7	17.0 %	575.1	521.4	10.3 %
Selling, general and administrative	80.9	77.8	4.0 %	235.6	224.4	5.0 %
Depreciation and amortization of fixed assets	33.8	29.5	14.5 %	99.4	90.7	9.5 %
Amortization of intangible assets	27.5	22.7	21.2 %	73.6	70.4	4.7 %
Total expenses	340.7	299.7	13.7 %	983.7	906.9	8.5 %
Operating income	208.4	198.4	5.0 %	591.2	582.2	1.5 %
Other income (expense):						
Investment income and others, net	2.6	2.1	23.2 %	7.9	3.0	163.2 %
Interest expense	(30.3)	(28.1)	7.8 %	(87.3)	(91.7)	(4.7)%
Total other expense, net	(27.7)	(26.0)	6.5 %	(79.4)	(88.7)	(10.4)%
Income before income taxes	180.7	172.4	4.8 %	511.8	493.5	3.7 %
Provision for income taxes	(60.0)	(44.8)	33.8 %	(161.3)	(149.5)	7.9 %
Income from continuing operations	120.7	127.6	(5.4)%	350.5	344.0	1.9 %
Discontinued operations						
Income from discontinued operations	—	—	— %	—	256.5	(100.0)%
Provision for income taxes	—	—	— %	—	(118.6)	(100.0)%
Income from discontinued operations (2)	—	—	— %	—	137.9	(100.0)%
Net Income	\$120.7	\$127.6	(5.4)%	\$350.5	\$481.9	(27.3)%
Basic net income per share:						
Income from continuing operations	\$0.73	\$0.76	(3.9)%	\$2.12	\$2.04	3.9 %
Income from discontinued operations	—	—	— %	—	0.82	(100.0)%
Basic net income per share	\$0.73	\$0.76	(3.9)%	\$2.12	\$2.86	(25.9)%
Diluted net income per share:						
Income from continuing operations	\$0.72	\$0.74	(2.7)%	\$2.08	\$2.01	3.5 %
	—	—	— %	—	0.80	(100.0)%

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Income from discontinued operations

Diluted net income per share	\$0.72	\$0.74	(2.7)%	\$2.08	\$2.81	(26.0)%
Weighted average shares outstanding:						
Basic	164,577,575	168,874,129	(2.5)%	165,314,267	168,541,399	(1.9)%
Diluted	167,957,058	171,785,900	(2.2)%	168,807,405	171,495,189	(1.6)%

The financial operating data below sets forth the information we believe is useful for investors in evaluating our overall financial performance:

Other data:

EBITDA (1):

Decision Analytics EBITDA	\$156.3	\$144.9	7.8 %	\$428.2	\$694.0	(38.3)%
Risk Assessment EBITDA	116.0	107.8	7.6 %	343.9	321.7	6.9 %
EBITDA	\$272.3	\$252.7	7.7 %	\$772.1	\$1,015.7	(24.0)%

The following is a reconciliation of net income to EBITDA:

Net income	\$120.7	\$127.6	(5.4)%	\$350.5	\$481.9	(27.3)%
Depreciation and amortization of fixed assets and intangible assets from continuing operations	61.3	52.2	17.4 %	173.0	161.1	7.4 %
Interest expense from continuing operations	30.3	28.1	7.8 %	87.3	91.7	(4.7)%
Provision for income taxes from continuing operations	60.0	44.8	33.8 %	161.3	149.5	7.9 %
Depreciation, amortization, interest and provision for income taxes from discontinued operations	—	—	— %	—	131.6	(100.0)%
EBITDA	\$272.3	\$252.7	7.7 %	\$772.1	\$1,015.8	(24.0)%

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EBITDA is the financial measure which management uses to evaluate the performance of our Company. “EBITDA” is defined as net income before interest expense, provision for income taxes, and depreciation and amortization of fixed and intangible assets. In addition, this Management’s Discussion and Analysis of Financial Condition and Results of Operations includes references to EBITDA margin, which is computed as EBITDA divided by revenues. See Note 12 of our condensed consolidated financial statements included in this Form 10-Q filing. Although (1) EBITDA is a non-GAAP financial measure, EBITDA is frequently used by securities analysts, lenders and others in their evaluation of companies. EBITDA has limitations as an analytical tool, and should not be considered in isolation, or as a substitute for an analysis of our results of operations or cash flows from operating activities reported under GAAP. Management uses EBITDA in conjunction with GAAP operating performance measures as part of its overall assessment of company performance. Some of these limitations are:

- EBITDA does not reflect our cash expenditures, or future requirements for capital expenditures or contractual commitments;
- EBITDA does not reflect changes in, or cash requirements for, our working capital needs;
- Although depreciation and amortization are noncash charges, the assets being depreciated and amortized often will have to be replaced in the future and EBITDA does not reflect any cash requirements for such replacements; and
- Other companies in our industry may calculate EBITDA differently than we do, limiting its usefulness as a comparative measure. Please note because EBITDA is calculated from net income, this presentation included EBITDA from discontinued operations of our healthcare business.

On June 1, 2016, we sold our healthcare business, Verisk Health. Results of operations for the healthcare business (2) are reported as a discontinued operation for the three and nine months ended September 30, 2016. See Note 5 of our condensed consolidated financial statements included in this Form 10-Q. As necessary, all amounts have been retroactively adjusted in all periods presented to give recognition to this discontinued operation.

Consolidated Results of Continuing Operations

Three Months Ended September 30, 2017 Compared to Three Months Ended September 30, 2016

Revenues

Revenues were \$549.1 million for the three months ended September 30, 2017 compared to \$498.1 million for the three months ended September 30, 2016, an increase of \$51.0 million or 10.2%. Excluding revenues of \$18.6 million from Greentech Media, Quest Offshore, Analyze Re, Arium, ENI, Fintellix, MAKE, Aerial Imagery, G2, Sequel, and LCI, our recent acquisitions within the Decision Analytics segment, and GeoInformation, MarketStance and Healix, our recent acquisitions within the Risk Assessment segment, all collectively referred to as our recent acquisitions, our consolidated revenue increased \$32.4 million or 6.5%. Revenues within our Decision Analytics segment, excluding our recent acquisitions named above, increased \$23.5 million or 7.5% and revenues in our Risk Assessment segment, excluding our recent acquisitions named above, increased \$8.9 million or 4.9%. The increase in Decision Analytics' revenues, excluding recent acquisitions, was driven by an increase in our insurance category. Within Risk Assessment, excluding recent acquisitions, both industry-standard insurance programs and property-specific rating and underwriting information contributed to its revenue growth. Refer to the Results of Continuing Operations by Segment within this section for further information regarding our revenues.

Cost of Revenues

Cost of revenues was \$198.5 million for the three months ended September 30, 2017 compared to \$169.7 million for the three months ended September 30, 2016, an increase of \$28.8 million or 17.0%. Our recent acquisitions accounted for an increase of \$15.1 million in cost of revenues, primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$13.7 million or 8.1%. The increase was primarily due to increases in salaries and employee benefits of \$8.9 million, information technology expenses of \$1.7 million, data costs of \$1.0 million, and other operating costs of \$2.1 million.

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Selling, General and Administrative Expenses

Selling, general and administrative expenses, or SGA, were \$80.9 million for the three months ended September 30, 2017 compared to \$77.8 million for the three months ended September 30, 2016, an increase of \$3.1 million or 4.0%. Our recent acquisitions accounted for an increase of \$4.7 million in SGA. Excluding costs associated with our recent acquisitions, our SGA decreased \$1.6 million or 2.1%. The decrease was primarily due to decreases in information technology expenses of \$1.1 million, professional consulting costs of \$1.0 million, and other general expenses of \$0.3 million. These decreases were partially offset by an increase in salaries and employee benefits of \$0.8 million.

Depreciation and Amortization of Fixed Assets

Depreciation and amortization of fixed assets was \$33.8 million for the three months ended September 30, 2017 compared to \$29.5 million for the three months ended September 30, 2016, an increase of \$4.3 million or 14.5%. The increase in depreciation and amortization of fixed assets includes depreciation and amortization related to our capital expenditures of \$2.9 million and recent acquisitions of \$1.4 million.

Amortization of Intangible Assets

Amortization of intangible assets was \$27.5 million for the three months ended September 30, 2017 compared to \$22.7 million for the three months ended September 30, 2016, an increase of \$4.8 million or 21.2%. The increase was primarily due to amortization related to our recent acquisitions of \$5.1 million offset by currency fluctuations impacting amortization denominated in currencies other than U.S. dollars.

Investment Income and Others, net

Investment income and others, net was a gain of \$2.6 million for the three months ended September 30, 2017, compared to a gain of \$2.1 million for the three months ended September 30, 2016. The increase was primarily due to an increase in net gain on foreign currencies of \$0.5 million.

Interest Expense

Interest expense was \$30.3 million for the three months ended September 30, 2017, compared to \$28.1 million for the three months ended September 30, 2016, an increase of \$2.2 million or 7.8%. The increase is due to weighted average debt outstanding of approximately \$300 million during the three months ended September 30, 2017 related to our Credit Facility associated with borrowings primarily for the funding of the acquisitions of LCI, G2 and Sequel. We did not have any debt outstanding during the three months ended September 30, 2016 related to our Credit Facility.

Provision for Income Taxes

The provision for income taxes was \$60.0 million for the three months ended September 30, 2017 compared to \$44.8 million for the three months ended September 30, 2016, an increase of \$15.2 million or 33.8%. The effective tax rate was 33.2% for the three months ended September 30, 2017 compared to 26.0% for the three months ended September 30, 2016. The effective rate for the three months ended September 30, 2017 was higher than the September 30, 2016 effective tax rate primarily due to the reduced tax benefits in the current period resulting from legislation enacted in the U.K., and mix of foreign income, partially offset by the tax rate benefit of adopting ASU No. 2016-09.

Net Income Margin

The net income margin for our consolidated results was 22.0% for the three months ended September 30, 2017 compared to 25.6% for the three months ended September 30, 2016. The legislation enacted in the U.K., and mix of foreign income, partially offset by the tax rate benefit of adoption ASU No. 2016-09 lowered our net income margin by 1.9% for the three months ended September 30, 2017.

EBITDA Margin

The EBITDA margin for our consolidated results was 49.6% for the three months ended September 30, 2017 as compared to 50.7% for the three months ended September 30, 2016.

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Nine Months Ended September 30, 2017 Compared to Nine Months Ended September 30, 2016

Revenues

Revenues were \$1,574.9 million for the nine months ended September 30, 2017 compared to \$1,489.1 million for the nine months ended September 30, 2016, an increase of \$85.8 million or 5.8%. Excluding revenues of \$35.6 million from Greentech Media, Quest Offshore, Analyze Re, Arium, ENI, Fintellix, MAKE, and Aerial Imagery, our recent acquisitions within the Decision Analytics segment, and RII, GeoInformation, MarketStance and Healix, our recent acquisitions within the Risk Assessment segment, all collectively referred to as our recent acquisitions, our consolidated revenue growth increased \$50.2 million or 3.4%. Revenues within our Decision Analytics segment, excluding our recent acquisitions named above, increased \$25.9 million or 2.7% and revenues in our Risk Assessment segment, excluding our recent acquisitions named above, increased \$24.3 million or 4.5%. The increase in Decision Analytics' revenues, excluding recent acquisitions, was primarily driven by an increase in our insurance category, which was offset by currency headwinds in our energy and specialized market category and in our financial services category. Within Risk Assessment, excluding recent acquisitions, both industry-standard insurance programs and property-specific rating and underwriting information contributed to its revenue growth. Refer to the Results of Continuing Operations by Segment within this section for further information regarding our revenues.

Cost of Revenues

Cost of revenues was \$575.1 million for the nine months ended September 30, 2017 compared to \$521.4 million for the nine months ended September 30, 2016, an increase of \$53.7 million or 10.3%. Our recent acquisitions accounted for an increase of \$28.3 million in cost of revenues, primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$25.4 million or 4.9%. The increase was primarily due to increases in salaries and employee benefits of \$19.8 million, data costs of \$3.6 million, information technology expenses of \$1.2 million and, other operating costs of \$0.8 million.

Selling, General and Administrative Expenses

Selling, general and administrative expenses, or SGA, were \$235.6 million for the nine months ended September 30, 2017 compared to \$224.4 million for the nine months ended September 30, 2016, an increase of \$11.2 million or 5.0%. Our recent acquisitions accounted for an increase of \$10.5 million in SGA. Excluding costs associated with our recent acquisitions, SGA increased \$0.7 million or 0.3%. The increase was primarily due to increases in salaries and employee benefits of \$1.8 million and professional consulting costs of \$1.0 million. These increases were offset by decreases in information technology expenses of \$1.6 million and other general expenses of \$0.5 million.

Depreciation and Amortization of Fixed Assets

Depreciation and amortization of fixed assets was \$99.4 million for the nine months ended September 30, 2017 compared to \$90.7 million for the nine months ended September 30, 2016, an increase of \$8.7 million or 9.5%. The increase in depreciation and amortization of fixed assets includes depreciation and amortization primarily related to our capital expenditures.

Amortization of Intangible Assets

Amortization of intangible assets was \$73.6 million for the nine months ended September 30, 2017 compared to \$70.4 million for the nine months ended September 30, 2016, an increase of \$3.2 million or 4.7%. The increase was primarily due to amortization related to our recent acquisitions of \$8.3 million offset by currency fluctuations impacting amortization denominated in currencies other than U.S. dollars.

Investment Income and Others, net

Investment income and others, net was a gain of \$7.9 million for the nine months ended September 30, 2017 as compared to a gain of \$3.0 million for the nine months ended September 30, 2016. The increase was primarily due to an increase in interest income of \$4.9 million generated from the subordinated promissory note related to the divestiture of our healthcare business in 2016.

Interest Expense

Interest expense was \$87.3 million for the nine months ended September 30, 2017, compared to \$91.7 million for the nine months ended September 30, 2016, a decrease of \$4.4 million or 4.7%. The decrease is primarily due to repayments in 2016 of \$910.0 million on the Credit Facility funded by the net proceeds from the divestiture of our healthcare business and cash from operations.

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Provision for Income Taxes

The provision for income taxes was \$161.3 million for the nine months ended September 30, 2017 compared to \$149.5 million for the nine months ended September 30, 2016, an increase of \$11.8 million or 7.9%. The effective tax rate was 31.5% for the nine months ended September 30, 2017 compared to 30.3% for the nine months ended September 30, 2016. The effective rate for the nine months ended September 30, 2017 was higher than the September 30, 2016 effective rate primarily due to reduced tax benefits in the current period resulting from legislation enacted in the U.K., and mix of foreign income, partially offset by the tax rate benefit of adopting ASU No. 2016-09.

Net Income Margin

The net income margin for our consolidated results, including discontinued operations, was 22.3% for the nine months ended September 30, 2017 compared to 30.1% for the nine months ended September 30, 2016. Our net income margin for the nine months ended September 30, 2016 was positively impacted by the discontinued operations, including the gain on sale of our healthcare business of 7.0%.

EBITDA Margin

The EBITDA margin for our consolidated results, including discontinued operations, was 49.0% for the nine months ended September 30, 2017 as compared to 63.4% for the nine months ended September 30, 2016. Our EBITDA margin for the nine months ended September 30, 2016 was positively impacted by the discontinued operations, including the gain on sale of our healthcare business, of 13.3%.

Results of Continuing Operations by Segment

Decision Analytics

Revenues

Revenues for our Decision Analytics segment were \$355.9 million for the three months ended September 30, 2017 compared to \$317.3 million for the three months ended September 30, 2016, an increase of \$38.6 million or 12.2%. Excluding revenue of \$15.1 million from our recent acquisitions, Decision Analytics revenue increased \$23.5 million or 7.5%. Our revenue by category for the periods presented is set forth below:

	For the Three		
	Months Ended	Percentage	
	September 30,		
	2017	2016	Change

(In millions)

Insurance	\$203.9	\$174.4	16.9	%
Energy and specialized markets	111.4	109.1	2.1	%
Financial services	40.6	33.8	20.2	%
Total Decision Analytics	\$355.9	\$317.3	12.2	%

Our insurance revenue increased \$29.5 million or 16.9%; excluding revenues from recent acquisitions of \$5.5 million, our insurance revenue increased \$24.0 million or 13.7%, primarily due to increases within our loss quantification, underwriting, catastrophe modeling, and claims analytics solutions.

Our energy and specialized markets revenue increased \$2.3 million or 2.1%; excluding revenues from recent acquisitions of \$2.1 million, our energy and specialized markets revenue increased \$0.2 million or 0.2%, primarily due to growth in our energy business and in our environmental health and safety solutions.

Our financial services revenue increased \$6.8 million or 20.2%; excluding revenues from the recent acquisition of \$7.5 million, our financial services revenue decreased \$0.7 million or 2.0%, due to several contract completions in 2016 partially offset by growth in media effectiveness solutions.

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Revenues for our Decision Analytics segment were \$999.7 million for the nine months ended September 30, 2017 compared to \$947.4 million for the nine months ended September 30, 2016, an increase of \$52.3 million or 5.5%. Excluding revenue of \$26.4 million from our recent acquisitions, Decision Analytics revenue increased \$25.9 million or 2.7%. Our revenue by category for the periods presented is set forth below:

	For the Nine			
	Months Ended	September 30,	Percentage	
	2017	2016	Change	
	(In millions)			
Insurance	\$573.5	\$521.4	10.0	%
Energy and specialized markets	328.0	333.2	(1.5)	%
Financial services	98.2	92.8	5.8	%
Total Decision Analytics	\$999.7	\$947.4	5.5	%

Our insurance revenue increased \$52.1 million or 10.0%; excluding revenues from recent acquisitions of \$7.2 million, our insurance revenue increased \$44.9 million or 8.6%, primarily due to increases within our underwriting, catastrophe modeling, loss quantification, and claims analytics solutions.

Our energy and specialized markets revenue decreased \$5.2 million or 1.5%; excluding revenues from recent acquisitions of \$10.0 million, our energy and specialized markets revenue decreased \$15.2 million or 4.6%, primarily as a result of currency headwinds affecting the energy business and lower revenue in environmental health and safety solutions.

Our financial services revenue increased \$5.4 million or 5.8%; excluding revenues from the recent acquisition of \$9.2 million, our financial services revenue decreased \$3.8 million or 4.0%, due to several contract completions in 2016 offset by growth in media effectiveness solutions.

Cost of Revenues

Cost of revenues for our Decision Analytics segment was \$141.7 million for the three months ended September 30, 2017 compared to \$117.6 million for the three months ended September 30, 2016, an increase of \$24.1 million or 20.5%. Our recent acquisitions within the Decision Analytics segment, represented an increase of \$13.3 million in cost of revenues, which was primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$10.8 million or 9.3%. The increase was primarily due to increases in salaries and employee benefits of \$5.3 million, information technology expenses of \$1.7 million, data costs of \$0.8 million and other operating costs of \$3.0 million.

Cost of revenues for our Decision Analytics segment was \$405.3 million for the nine months ended September 30, 2017 compared to \$362.6 million for the nine months ended September 30, 2016, an increase of \$42.7 million or 11.8%. Our recent acquisitions within the Decision Analytics segment, represented an increase of \$23.2 million in cost of revenues, which was primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$19.5 million or 5.4%. The increase was primarily due to increases in salaries and employee benefits of \$13.7 million, data costs of \$3.2 million, information technology expenses of \$1.7 million, and other operating costs of \$0.9 million.

Selling, General and Administrative Expenses

Selling, general and administrative expenses for our Decision Analytics segment were \$60.4 million for the three months ended September 30, 2017 compared to \$55.4 million for the three months ended September 30, 2016, an increase of \$5.0 million or 9.0%. Our recent acquisitions within the Decision Analytics segment accounted for an increase of \$4.2 million in SGA. Excluding costs associated with our recent acquisitions, SGA increased \$0.8 million or 1.5%. The increase was primarily due to increases in salaries and employee benefits of \$1.0 million and other general expenses of \$0.6 million. These increases were offset by decreases in information technology expenses of \$0.7 million and professional consulting costs of \$0.1 million.

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Selling, general and administrative expenses for our Decision Analytics segment were \$174.2 million for the nine months ended September 30, 2017 compared to \$161.8 million for the nine months ended September 30, 2016, an increase of \$12.4 million or 7.7%. Our recent acquisitions within the Decision Analytics segment accounted for an increase of \$8.7 million in SGA. Excluding costs associated with our recent acquisitions, SGA increased \$3.7 million or 2.3%. The increase was primarily due to increases in salaries and employee benefits of \$2.5 million, professional consulting costs of \$1.4 million, and other general expenses of \$0.7 million. These increases were offset by a decrease in information technology expenses of \$0.9 million.

EBITDA Margin

The EBITDA margin for our Decision Analytics segment, including discontinued operations, was 42.8% for the nine months ended September 30, 2017 compared to 65.5% for the nine months ended September 30, 2016. The decrease in our EBITDA margin was primarily attributed to the gain on sale from the divestiture of our healthcare business for the nine months ended September 30, 2016.

Risk Assessment

Revenues

Revenues for our Risk Assessment segment were \$193.2 million for the three months ended September 30, 2017 compared to \$180.8 million for the three months ended September 30, 2016, an increase of \$12.4 million or 6.9%. Excluding revenue of \$3.5 million from our recent acquisitions, Risk Assessment revenue increased \$8.9 million or 4.9% for the three months ended September 30, 2017. Revenues for our Risk Assessment segment were \$575.2 million for the nine months ended September 30, 2017 compared to \$541.7 million for the nine months ended September 30, 2016, an increase of \$33.5 million or 6.2%. Excluding revenue of \$9.2 million from our recent acquisitions, Risk Assessment revenue increased \$24.3 million or 4.5% for the nine months ended September 30, 2017. The overall increase within this segment primarily resulted from an increase in prices derived from continued enhancements to the content of our industry-standard insurance programs' solutions as well as selling expanded solutions to existing customers.

Our revenue by category for the periods presented is set forth below:

	Three Months			Nine Months		
	Ended	Percentage	Change	Ended	Percentage	Change
	September 30,			September 30,		
	2017	2016		2017	2016	
	(In millions)					
Industry-standard insurance programs	\$ 149.0	\$ 138.2	7.8 %	\$ 442.7	\$ 414.2	6.9 %
Property-specific rating and underwriting information	44.2	42.6	3.7 %	132.5	127.5	4.0 %
Total Risk Assessment	\$ 193.2	\$ 180.8	6.9 %	\$ 575.2	\$ 541.7	6.2 %

Cost of Revenues

Cost of revenues for our Risk Assessment segment was \$56.8 million for the three months ended September 30, 2017 compared to \$52.1 million for the three months ended September 30, 2016, an increase of \$4.7 million or 9.2%. Our recent acquisitions within the Risk Assessment segment represented an increase of \$1.8 million in cost of revenues, which was primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$2.9 million or 5.6%. The increase was primarily due to increases in salaries and employee benefits costs of \$3.6 million and data costs of \$0.2 million. These increases were offset by a decrease in other operating costs of \$0.9 million.

Cost of revenues for our Risk Assessment segment was \$169.8 million for the nine months ended September 30, 2017 compared to \$158.8 million for the nine months ended September 30, 2016, an increase of \$11.0 million or 7.0%. Our recent acquisitions within the Risk Assessment segment represented an increase of \$5.1 million in cost of revenues, which was primarily related to salaries and employee benefits. Excluding the impact of our recent acquisitions, our cost of revenues increased \$5.9 million or 3.7%. The increase was primarily due to increases in salaries and employee

benefits costs of \$6.1 million and data costs of \$0.4 million. These increases were offset by decreases in information technology expenses of \$0.5 million and other operating costs of \$0.1 million.

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Selling, General and Administrative Expenses

Selling, general and administrative expenses for our Risk Assessment segment were \$20.5 million for the three months ended September 30, 2017 compared to \$22.4 million for the three months ended September 30, 2016, a decrease of \$1.9 million or 8.6%. Our recent acquisitions within the Risk Assessments segment accounted for an increase of \$0.5 million in SGA. Excluding costs associated with our recent acquisitions, SGA decreased \$2.4 million or 10.8%. The decrease was primarily due to decreases in professional consulting costs of \$0.9 million, information technology expenses of \$0.4 million, salaries and employee benefits of \$0.2 million and other general expenses of \$0.9 million.

Selling, general and administrative expenses for our Risk Assessment segment were \$61.4 million for the nine months ended September 30, 2017 compared to \$62.6 million for the nine months ended September 30, 2016, a decrease of \$1.2 million or 2.1%. Our recent acquisitions within the Risk Assessments segment accounted for an increase of \$1.8 million in SGA. Excluding costs associated with our recent acquisitions, SGA decreased \$3.0 million or 4.8%. The decrease was primarily due to decreases in salaries and employee benefits of \$0.7 million, information technology expenses of \$0.7 million, professional consulting costs of \$0.4 million and other general expenses of \$1.2 million.

EBITDA Margin

EBITDA margin for our Risk Assessment segment was 59.8% for the nine months ended September 30, 2017 compared to 59.4% for the nine months ended September 30, 2016.

Liquidity and Capital Resources

As of September 30, 2017 and December 31, 2016, we had cash and cash equivalents and available-for-sale securities of \$145.7 million and \$138.5 million, respectively. Subscriptions for our solutions are billed and generally paid in advance of rendering services either quarterly or upon commencement of the annual or multi-year subscription period in annual amounts. Most of our subscriptions are automatically renewed at the beginning of each calendar year. We have historically generated significant cash flows from operations. As a result of this factor, as well as the availability of funds under our \$1,500.0 million Syndicated Revolving Credit Facility, or the Credit Facility, we believe that we will have sufficient cash to meet our working capital and capital expenditure needs, and to fuel our future growth plans.

We have historically managed the business with a working capital deficit due to the fact that, as described above, we offer our solutions and services primarily through annual subscriptions or long-term contracts, which are generally prepaid quarterly or annually in advance of the services being rendered. When cash is received for prepayment of invoices, we record an asset (cash and cash equivalents) on our balance sheet with the offset recorded as a current liability (deferred revenues). This current liability is deferred revenue that does not require a direct cash outflow since our customers have prepaid and are obligated to purchase the services. In most businesses, growth in revenue typically leads to an increase in the accounts receivable balance causing a use of cash as a company grows. Unlike those businesses, our cash position is favorably affected by revenue growth, which results in a source of cash due to our customers prepaying for most of our services.

Our capital expenditures as a percentage of consolidated revenues for the nine months ended September 30, 2017 and 2016, were 7.2% and 6.2%, respectively. The capital expenditures for the year ending December 31, 2017 are expected to be approximately \$185.0 million, which primarily include expenditures on our technology infrastructure and our continuing investments in developing and enhancing our solutions. Expenditures related to developing and enhancing our solutions are predominately related to internal use software and are capitalized in accordance with ASC 350-40, "Accounting for Costs of Computer Software Developed or Obtained for Internal Use." We also capitalize amounts in accordance with ASC 985-20, "Software to be Sold, Leased or Otherwise Marketed."

We have also historically used a portion of our cash for repurchases of our common stock from our stockholders. During the nine months ended September 30, 2017 and 2016, we repurchased \$276.2 million and \$182.5 million of our common stock, respectively.

Financing and Financing Capacity

We had total short-term and long-term debt, excluding capital lease obligations and the discounts and debt issuance costs on our senior notes, of \$2,895.0 million and \$2,400.0 million at September 30, 2017 and December 31, 2016, respectively. As of September 30, 2017, we were in compliance with our financial debt covenants.

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As of September 30, 2017, we had a borrowing capacity of \$1,500.0 million of which \$901.4 million, net of outstanding letters of credit, was available for borrowings under the Credit Facility with Bank of America N.A., JP Morgan Chase, N.A., and a syndicate of banks. The Credit Facility may be used for general corporate purposes, including working capital needs and capital expenditures, acquisitions, and the share repurchase program.

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The Credit Facility contains certain financial and other covenants that, among other things, impose certain restrictions on indebtedness, liens, investments, and capital expenditures. These covenants also place restrictions on mergers, asset sales, sale/leaseback transactions, payments between us and our subsidiaries, and certain transactions with affiliates. The financial covenants require that, at the end of any fiscal quarter, we have a consolidated interest coverage ratio of at least 3.0 to 1.0 and that we maintain, during any period of four fiscal quarters, a consolidated funded debt leverage ratio of 3.5 to 1.0. We were in compliance with all financial debt covenants under the Credit Facility as of September 30, 2017. Interest on borrowings under the Credit Facility is payable at an interest rate of LIBOR plus 1.125% to 1.625%, depending upon the consolidated funded debt leverage ratio. A commitment fee on any unused balance is payable periodically and will range from 12.5 to 25.0 basis points based upon the consolidated funded debt leverage ratio. As of September 30, 2017 and December 31, 2016, we had outstanding borrowings under the Credit Facility of \$595.0 million and \$100.0 million, respectively. During the nine months ended September 30, 2017, we had borrowings of \$640.0 million and repayments of \$145.0 million under the Credit Facility. On May 18, 2017, we entered into the third amendment to the Credit Facility, which, among other things, extended the maturity date one year to May 15, 2022.

Cash Flow

The following table summarizes our cash flow data for the nine months ended September 30, 2017 and 2016:

	Nine Months Ended		Percentage
	September 30,	September 30,	Change
	2017	2016	
	(In millions)		
Net cash provided by operating activities	\$592.1	\$484.4	22.2 %
Net cash (used in) provided by investing activities	\$(823.9)	\$579.3	(242.2)%
Net cash provided by (used in) financing activities	\$234.3	\$(1,027.9)	(122.8)%

Operating Activities

Net cash provided by operating activities was \$592.1 million for the nine months ended September 30, 2017 compared to \$484.4 million for the nine months ended September 30, 2016. The increase in net cash provided by operating activities was primarily related to a decrease in income tax payments due to the tax paid on the gain on the sale of the Company's healthcare business in the second quarter of 2016 and an increase in cash receipts from customers in 2017, partially offset by the prior year cash flow from operations for the healthcare business prior to the disposition.

Investing Activities

Net cash used in investing activities of \$823.9 million for the nine months ended September 30, 2017 was primarily related to current year acquisitions including escrow payments of \$705.2 million and capital expenditures of \$113.8 million. Net cash provided by investing activities of \$579.3 million for the nine months ended September 30, 2016 was primarily driven by proceeds from the sale of our healthcare business of \$719.4 million, partially offset by capital expenditures of \$98.6 million and acquisitions including escrow payments of \$49.6 million.

Financing Activities

Net cash provided by financing activities of \$234.3 million for the nine months ended September 30, 2017 was primarily related to borrowings, net of payments, from our Credit Facility of \$495.0 million and proceeds from stock options exercises of \$26.0 million, partially offset by repurchases of common stock of \$276.2 million. Net cash used in financing activities of \$1,027.9 million for the nine months ended September 30, 2016 was primarily driven by net debt repayments of our Credit Facility of \$870.0 million as well as repurchases of common stock of \$182.5 million, partially offset by proceeds from stock options exercises of \$32.6 million.

Off-Balance Sheet Arrangements

We have no off-balance sheet arrangements.

Contractual Obligations

There have been no material changes to our contractual obligations outside the ordinary course of our business from those reported in our annual report on Form 10-K and filed with the Securities and Exchange Commission on February 21, 2017.

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Critical Accounting Policies and Estimates

Our management's discussion and analysis of financial condition and results of operations are based on our condensed consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the U.S. The preparation of these financial statements require management to make estimates and judgments that affect reported amounts of assets and liabilities and related disclosures of contingent assets and liabilities at the dates of the financial statements and revenue and expenses during the reporting periods. These estimates are based on historical experience and on other assumptions that are believed to be reasonable under the circumstances. On an ongoing basis, management evaluates its estimates, including those related to acquisition purchase price allocations, revenue recognition, goodwill and intangible assets, pension and other post retirement benefits, stock-based compensation, income taxes and allowance for doubtful accounts. Actual results may differ from these assumptions or conditions. Some of the judgments that management makes in applying its accounting estimates in these areas are discussed under the heading "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our annual report on Form 10-K dated and filed with the Securities and Exchange Commission on February 21, 2017. Since the date of our annual report on Form 10-K, there have been no material changes to our critical accounting policies and estimates other than the item noted below.

As of September 30, 2017, we had goodwill of \$3,188.8 million, which represents 56.7% of our total assets. We performed an impairment test as of June 30, 2017 and confirmed that no impairment charge was necessary. As part of this process, we conducted the annual impairment test of our energy reporting unit at June 30, 2017, at which time the fair value exceeded its carrying value by less than 10%. This outcome is consistent with our expectation due to the decline in the GBP/USD exchange rate as well as current energy market conditions. The carrying value of the goodwill associated with our energy reporting unit was \$1,841.8 million as of June 30, 2017. There were no triggering events prior to the filing of this Form 10-Q that would impact the results of the impairment test performed as of June 30, 2017.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Market risks at September 30, 2017 have not materially changed from those discussed under Item 7A in our annual report on Form 10-K dated and filed with the Securities and Exchange Commission on February 21, 2017.

Item 4. Controls and Procedures

Disclosure Controls and Procedures

We are required to maintain disclosure controls and procedures (as that term is defined in Rules 13a-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act") that are designed to ensure that information required to be disclosed in our reports under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in the Securities and Exchange Commission's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. Any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives at the reasonable assurance level.

Our management, with the participation of the Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company's disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) as of the end of the period covered by this quarterly report on Form 10-Q. Based upon the foregoing assessments, our Chief Executive Officer and Chief Financial Officer have concluded that, as of September 30, 2017, our disclosure controls and procedures were effective at the reasonable assurance level.

Changes in Internal Control over Financial Reporting

During the nine months ended September 30, 2017, there has been no change in our internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

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PART II — OTHER INFORMATION

Item 1. Legal Proceedings

We are party to legal proceedings with respect to a variety of matters in the ordinary course of business. See Part I Item 1. Note 14 to our condensed consolidated financial statements for the nine months ended September 30, 2017 for a description of our significant current legal proceedings, which is incorporated by reference herein.

Item 1A. Risk Factors

There has been no material change in the information provided under the heading “Risk Factors” in our annual report on Form 10-K dated and filed with the Securities and Exchange Commission on February 21, 2017.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Recent Sales of Unregistered Securities

There were no unregistered sales of equity securities by the Company during the period covered by this report.

Issuer Purchases of Equity Securities

Our board of directors has authorized a share repurchase program of up to \$2.8 billion. As of September 30, 2017, we had \$366.2 million available to repurchase shares. These authorizations have no expiration dates and may be suspended or terminated at any time. Since the introduction of share repurchase as a feature of our capital management strategies in 2010, we have repurchased shares with an aggregate value of \$2.4 billion. Our share repurchases for the quarter ended September 30, 2017 are set forth below:

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs (in millions)
July 1, 2017 through July 31, 2017	—	\$ —	—	\$ 376.4
August 1, 2017 through August 31, 2017	—	\$ —	—	\$ 376.4
September 1, 2017 through September 30, 2017	124,500	\$ 81.85	124,500	\$ 366.2
	124,500		124,500	

Item 3. Defaults Upon Senior Securities

None.

Item 4. Mine Safety Disclosures

None.

Item 5. Other Information

None.

Item 6. Exhibits

See Exhibit Index.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Verisk Analytics, Inc.
(Registrant)

Date: October 31, 2017 By: /s/ Eva F. Huston
Eva F. Huston
Senior Vice President and Chief Financial Officer
(Principal Financial Officer and Duly Authorized Officer)

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EXHIBIT INDEX

Exhibit Number	Description
<u>31.1</u>	<u>Certification of the Chief Executive Officer of Verisk Analytics, Inc. pursuant to Rule 13a-14 under the Securities Exchange Act of 1934.*</u>
<u>31.2</u>	<u>Certification of the Chief Financial Officer of Verisk Analytics, Inc. pursuant to Rule 13a-14 under the Securities Exchange Act of 1934.*</u>
<u>32.1</u>	<u>Certification of the Chief Executive Officer and Chief Financial Officer of Verisk Analytics, Inc. pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of Sarbanes-Oxley Act of 2002.*</u>
101.INS	XBRL Instance Document.*
101.SCH	XBRL Taxonomy Extension Schema.*
101.CAL	XBRL Taxonomy Extension Calculation Linkbase.*
101.DEF	XBRL Taxonomy Definition Linkbase.*
101.LAB	XBRL Taxonomy Extension Label Linkbase.*
101.PRE	XBRL Taxonomy Extension Presentation Linkbase.*

*Filed herewith.