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, 2016

Commission File Number 001-00395



NCR CORPORATION

(Exact name of registrant as specified in its charter)

Maryland (State or other jurisdiction of incorporation or organization) 31-0387920 (I.R.S. Employer Identification No.)

3097 Satellite Boulevard Duluth, GA 30096 (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (937) 445-5000

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 \square No o

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 \square No o

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," and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer \square		Accelerated filer o
Non-accelerated filer o	(Do not check if a smaller reporting company)	Smaller reporting company o
Indicate by check mark whether the reg	istrant is a shell company (as defined in Rule 12b-2 o	of the Exchange Act). Yes o No 🗹

As of October 14, 2016, there were approximately 124.1 million shares of common stock issued and outstanding.

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Part I. Financial Information

Item 1. FINANCIAL STATEMENTS

NCR Corporation

Condensed Consolidated Statements of Operations (Unaudited)

	Т	hree months en	ded S	eptember 30	1	Nine months end	led Se	ptember 30
In millions, except per share amounts		2016		2015		2016		2015
Product revenue	\$	708	\$	688	\$	1,932	\$	1,995
Service revenue		969		925		2,809		2,698
Total revenue		1,677		1,613		4,741		4,693
Cost of products		528		512		1,487		1,539
Cost of services		672		644		1,951		2,161
Selling, general and administrative expenses		225		224		678		788
Research and development expenses		56		53		159		175
Restructuring-related charges		7		12		13		33
Total operating expenses		1,488		1,445		4,288		4,696
Income (loss) from operations		189		168		453		(3)
Interest expense		(41)		(42)		(130)		(131)
Other (expense), net		(8)		(7)		(33)		(14)
Income (loss) from continuing operations before income taxes		140		119		290		(148)
Income tax expense		31		16		75		50
Income (loss) from continuing operations		109		103		215		(198)
Loss from discontinued operations, net of tax		(2)		(4)		(2)		(4)
Net income (loss)		107		99		213		(202)
Net income attributable to noncontrolling interests		2		1				4
Net income (loss) attributable to NCR	\$	105	\$	98	\$	213	\$	(206)
Amounts attributable to NCR common stockholders:								
Income (loss) from continuing operations	\$	107	\$	102	\$	215	\$	(202)
Series A convertible preferred stock dividends		(13)		—		(37)		—
Income (loss) from continuing operations attributable to NCR common stockholders		94		102		178		(202)
Loss from discontinued operations, net of tax		(2)		(4)		(2)		(4)
Net income (loss) attributable to NCR common stockholders	\$	92	\$	98	\$	176	\$	(206)
Income (loss) per share attributable to NCR common stockholders:								
Income (loss) per common share from continuing operations								
Basic	\$	0.76	\$	0.60	\$	1.41	\$	(1.19)
Diluted	\$	0.69	\$	0.59	\$	1.37	\$	(1.19)
Net income (loss) per common share								
Basic	\$	0.74	\$	0.58	\$	1.40	\$	(1.22)
Diluted	\$	0.68	\$	0.57	\$	1.36	\$	(1.22)
Weighted average common shares outstanding								
Basic		123.9		169.8		126.0		169.5
Diluted		155.4		172.3		156.8		169.5

See Notes to Condensed Consolidated Financial Statements.

NCR Corporation Condensed Consolidated Statements of Comprehensive Income (Unaudited)

	Thr	ee months en	ember 30	Nine months ended September 3					
In millions		2016		2015	2	016	2015		
Net income (loss)	\$	107	\$	99	\$	213	\$ (202)		
Other comprehensive income (loss):									
Currency translation adjustments									
Currency translation adjustments		3		(39)		(23)	(41)		
Derivatives									
Unrealized gain on derivatives		4		2		4	9		
(Gains) losses on derivatives recognized during the period				(1)		2	(3)		
Less income tax expense		(1)		(1)		(1)	(2)		
Employee benefit plans									
Amortization of prior service benefit		(4)		(5)		(14)	(16)		
Amortization of actuarial loss (benefit)				1		(1)	2		
Less income tax benefit		1		1		4	5		
Other comprehensive income (loss)		3		(42)		(29)	(46)		
Total comprehensive income (loss)		110		57		184	(248)		
Less comprehensive income attributable to noncontrolling interests:									
Net income		2		1		—	4		
Currency translation adjustments		(1)		(4)		(7)	(7)		
Amounts attributable to noncontrolling interests		1		(3)		(7)	(3)		
Comprehensive income (loss) attributable to NCR	\$	109	\$	60	\$	191	(245)		

See Notes to Condensed Consolidated Financial Statements.

NCR Corporation

Condensed Consolidated Balance Sheets (Unaudited)

In millions, except per share amounts	Septer	nber 30, 2016	Dece	mber 31, 2015
Assets				
Current assets				
Cash and cash equivalents	\$	318	\$	328
Accounts receivable, net		1,387		1,251
Inventories		776		643
Other current assets		270		327
Total current assets		2,751		2,549
Property, plant and equipment, net		289		322
Goodwill		2,737		2,733
Intangibles, net		704		798
Prepaid pension cost		132		130
Deferred income taxes		546		582
Other assets		552		521
Total assets	\$	7,711	\$	7,635
Liabilities and stockholders' equity				
Current liabilities				
Short-term borrowings	\$	256	\$	13
Accounts payable		718		657
Payroll and benefits liabilities		212		189
Deferred service revenue and customer deposits		471		476
Other current liabilities		345		446
Total current liabilities		2,002		1,781
Long-term debt		3,033		3,239
Pension and indemnity plan liabilities		709		696
Postretirement and postemployment benefits liabilities		127		133
Income tax accruals		169		167
Other liabilities		151		79
Total liabilities		6,191		6,095
Commitments and Contingencies (Note 8)			-	
Redeemable noncontrolling interest		10		16
Series A convertible preferred stock: par value \$0.01 per share, 3.0 shares authorized, 0.9 shares issued and outstanding as of September 30, 2016 and 0.8 shares issued and outstanding as of December 31, 2015; redemption amount and liquidation preference of \$858 and \$824 as of September 30, 2016 and December 31, 2015, respectively		835		798
Stockholders' equity				
NCR stockholders' equity				
Preferred stock: par value \$0.01 per share, 100.0 shares authorized, no shares issued and outstanding as of September 30, 2016 and December 31, 2015		_		_
Common stock: par value \$0.01 per share, 500.0 shares authorized, 124.0 and 133.0 shares issued and outstanding as of September 30, 2016 and December 31, 2015, respectively	l	1		1
Paid-in capital		21		
Retained earnings		822		869
Accumulated other comprehensive loss		(172)		(150)
Total NCR stockholders' equity		672		720
Noncontrolling interests in subsidiaries		3		6
Total stockholders' equity		675		726
Total liabilities and stockholders' equity	\$	7,711	\$	7,635

See Notes to Condensed Consolidated Financial Statements.

NCR Corporation

Condensed Consolidated Statements of Cash Flows (Unaudited)

millions perating activities et income (loss) djustments to reconcile net income (loss) to net cash provided by operating activities: djustments to reconcile net income (loss) to net cash provided by operating activities: djustments to reconcile net income (loss) to net cash provided by operating activities: Depreciation and amortization Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Charges in assets and liabilities: Receivables Inventories Qurrent payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et casset and liabilities et casset and liabilities Multions to capitalized software	\$ 2016	\$	2015
et income (loss) djustments to reconcile net income (loss) to net cash provided by operating activities: Loss from discontinued operations Depreciation and amortization Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	\$	\$	
djustments to reconcile net income (loss) to net cash provided by operating activities: Loss from discontinued operations Depreciation and amortization Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	\$	\$	
Loss from discontinued operations Depreciation and amortization Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment			(202)
Depreciation and amortization Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	-		
Stock-based compensation expense Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	2		4
Deferred income taxes Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	259		229
Gain on sale of property, plant and equipment and other assets Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Nesting activities Expenditures for property, plant and equipment	45		32
Loss on divestiture Impairment of long-lived and other assets Changes in assets and liabilities: Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	39		26
Impairment of long-lived and other assets Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment	—		(1)
Changes in assets and liabilities: Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Investing activities Expenditures for property, plant and equipment	1		—
Receivables Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Investing activities Expenditures for property, plant and equipment	2		16
Inventories Inventories Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities Expenditures for property, plant and equipment			
Current payables and accrued expenses Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities nvesting activities Expenditures for property, plant and equipment	(138)		(80)
Deferred service revenue and customer deposits Employee benefit plans Other assets and liabilities et cash provided by operating activities et cash provided by operating activities Expenditures for property, plant and equipment	(128)		(86)
Employee benefit plans Other assets and liabilities et cash provided by operating activities avesting activities Expenditures for property, plant and equipment	68		17
Other assets and liabilities et cash provided by operating activities nvesting activities Expenditures for property, plant and equipment	78		72
et cash provided by operating activities avesting activities Expenditures for property, plant and equipment	(38)		367
Expenditures for property, plant and equipment	(34)		22
Expenditures for property, plant and equipment	 369		416
Additions to capitalized software	(45)		(47)
	(115)		(117)
Proceeds from divestiture	47		_
Other investing activities, net	(8)		_
et cash used in investing activities	 (121)		(164)
inancing activities			
Short term borrowings, net	(2)		_
Payments on term credit facilities	(84)		(312)
Payments on revolving credit facilities	(736)		(977)
Borrowings on revolving credit facilities	856		881
Debt issuance costs	(8)		_
Repurchases of Company common stock	(250)		
Proceeds from employee stock plans	10		12
Tax withholding payments on behalf of employees	(7)		(10)
Other financing activities	(2)		_
et cash used in financing activities	 (223)	_	(406)
ash flows from discontinued operations	 		
Net cash used in operating activities	(30)		(27)
ffect of exchange rate changes on cash and cash equivalents	(5)		(27)
ecrease in cash and cash equivalents	 (10)		(208)
ash and cash equivalents at beginning of period	1401		(200)
ash and cash equivalents at end of period	328		511

See Notes to Condensed Consolidated Financial Statements.

NCR Corporation

Notes to Condensed Consolidated Financial Statements (Unaudited)

1. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accompanying Condensed Consolidated Financial Statements have been prepared by NCR Corporation (NCR, the Company, we or us) without audit pursuant to the rules and regulations of the U.S. Securities and Exchange Commission (SEC) and, in the opinion of management, include all adjustments (consisting of normal, recurring adjustments, unless otherwise disclosed) necessary for a fair statement of the consolidated results of operations, financial position, and cash flows for each period presented. The consolidated results for the interim periods are not necessarily indicative of results to be expected for the full year. The 2015 year-end Condensed Consolidated Balance Sheet was derived from audited financial statements, but does not include all disclosures required by accounting principles generally accepted in the United States (GAAP). These financial statements should be read in conjunction with NCR's Form 10-K for the year ended December 31, 2015.

Effective January 1, 2016, NCR began management of its business on a solution basis, changing from the previous model of management on a line of business basis, which resulted in a corresponding change to NCR's reportable segments. We have reclassified prior period segment disclosures to conform to the current period presentation. See Note 13, "Segment Information and Concentrations" for additional information.

Use of Estimates The preparation of financial statements in accordance with GAAP requires management to make estimates and judgments that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and revenue and expenses during the period reported. Actual results could differ from those estimates.

Evaluation of Subsequent Events The Company evaluated subsequent events through the date that our Condensed Consolidated Financial Statements were issued. No matters were identified that required adjustment of the Condensed Consolidated Financial Statements or additional disclosure.

Reclassifications Certain prior-period amounts have been reclassified in the accompanying Condensed Consolidated Financial Statements and Notes thereto in order to conform to the current period presentation.

Divestiture On May 27, 2016, NCR completed the sale of all but the Middle East and Africa (MEA) assets of its Interactive Printer Solutions (IPS) business to Atlas Holdings LLC for cash consideration of \$47 million. In connection with the sale, NCR agreed to provide Atlas Holdings LLC with certain support services on a short-term basis following the closing under a transition services agreement. During the nine months ended September 30, 2016, a loss on sale of \$1 million was recorded to other (expense), net in the Condensed Consolidated Statement of Operations. The remaining assets and liabilities related to the MEA IPS business did not transfer in the third quarter of 2016 as previously expected, and as such, as of September 30, 2016, were no longer classified as held for sale in the Condensed Consolidated Balance Sheet.

Related Party Transactions In 2011, concurrent with the sale of a noncontrolling interest in our subsidiary, NCR Brasil - Indústria de Equipamentos para Automação S.A., (NCR Manaus) to Scopus Tecnologia Ltda. (Scopus), we entered into a Master Purchase Agreement (MPA) with Banco Bradesco SA (Bradesco), the parent of Scopus. Through the MPA, Bradesco agreed to purchase up to 30,000 ATMs from us over the 5-year term of the agreement. Pricing of the ATMs adjusted over the term of the MPA using certain formulas based on prevailing market pricing. We recognized revenue related to Bradesco totaling \$24 million and \$52 million during the three and nine months ended September 30, 2016, respectively, as compared to \$20 million and \$42 million during the three and nine months ended September 30, 2016 and December 31, 2015, we had \$11 million, respectively, in receivables outstanding from Bradesco.

Recent Accounting Pronouncements

Issued

In May 2014, the FASB issued a new revenue recognition standard that will supersede current revenue recognition guidance. The core principle of the guidance is that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Subsequently, the FASB issued clarification standards regarding principal versus agent and identifying performance obligations and licensing. The standards will be effective for the first interim period within annual periods beginning after December 15, 2017, with early adoption permitted for annual periods beginning after December 15, 2016, and can be adopted either

retrospectively to each prior reporting period presented or as a cumulative effect adjustment as of the date of adoption. The Company is evaluating the impact that adopting this guidance will have on its consolidated financial statements.

In February 2016, the FASB issued a new leasing standard that will supersede current guidance related to accounting for leases. The guidance is intended to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. The standard will be effective for the first interim period within annual periods beginning after December 15, 2018, with early adoption permitted. The standard is required to be adopted using the modified retrospective approach. The Company is evaluating the impact that adopting this guidance will have on its consolidated financial statements.

In March 2016, the FASB issued a new employee share based payment standard that will supersede current guidance related to accounting for stock-based compensation. The guidance requires the recognition of the income tax effects of awards in the income statement when the awards vest or are settled, thus eliminating additional paid in capital pools. The guidance also allows for the employer to repurchase more of an employee's shares for tax withholding purposes without triggering liability accounting. In addition, the guidance allows for a policy election to account for forfeitures as they occur rather than on an estimated basis. The standard will be effective for the first interim period within annual periods beginning after December 15, 2016, with early adoption permitted. Adoption approach varies based on the amendment topic. The Company is evaluating the impact that adopting this guidance will have on its consolidated financial statements.

2. GOODWILL AND PURCHASED INTANGIBLE ASSETS

Goodwill

The carrying amounts of goodwill by segment as of September 30, 2016 and December 31, 2015 are included in the table below. Foreign currency fluctuations are included within other adjustments.

			Decem	ber 31, 2015									Septe	mber 30, 2016	
In millions	C	Goodwill		umulated ment Losses	Total	Ac	lditions	Iı	npairment	0	ther	 Goodwill		ccumulated airment Losses	Total
Software	\$	1,936	\$	(7)	\$ 1,929	\$	9	\$	_	\$	(5)	\$ 1,940	\$	(7)	\$ 1,933
Services		658			658							658		_	658
Hardware		162		(16)	146		_		—			162		(16)	146
Total goodwill	\$	2,756	\$	(23)	\$ 2,733	\$	9	\$	_	\$	(5)	\$ 2,760	\$	(23)	\$ 2,737

Purchased Intangible Assets

NCR's purchased intangible assets, reported in intangibles, net in the Condensed Consolidated Balance Sheets, were specifically identified when acquired, and are deemed to have finite lives. The gross carrying amount and accumulated amortization for NCR's identifiable intangible assets were as set forth in the table below.

	Amortization	Amortization September 30, 2016							2015
In millions	Period Gross Carrying (in Years) Amount				Accumulated Amortization	Gross Carrying Amount			Accumulated Amortization
Identifiable intangible assets									
Reseller & customer relationships	1 - 20	\$	659	\$	(119)	\$	659	\$	(92)
Intellectual property	2 - 8		393		(290)		392		(244)
Customer contracts	8		89		(61)		89		(46)
Tradenames	2 - 10		73		(40)		73		(33)
Total identifiable intangible assets		\$	1,214	\$	(510)	\$	1,213	\$	(415)

The aggregate amortization expense (actual and estimated) for identifiable intangible assets for the following periods is:

In millions	Th	ree months end 201	tember 30,	Nir	ne mon	ths ended Septem 2016	ıber 30,	Rem	ainde	r of 201	6 (estima	ed)
Amortization expense	\$		31	\$			95	\$				29
			For	tha va	are on	ded December 31	(estimat	ad)				
		• •• ••		the ye	ars en		(estimat					
In millions		2017	2018			2019		2020			2021	
in minors		2017	 					-0-0			2021	

3. DEBT OBLIGATIONS

The following table summarizes the Company's short-term borrowings and long-term debt:

Weighted-Average Interest Rate	\$	Amount	Weighted-Average Interest Rate
1.25%	\$	_	
1.25%	\$	—	
7.41%		—	
		13	6.34%
	\$	13	
2.53%	\$	956	2.95%
2.53%		100	2.61%
		600	
		500	
		400	
		700	
6.98%		17	7.16%
		(34)	
	\$	3,239	
	6.98%		700 6.98% 17 (34)

(1) Interest rates are weighted average interest rates as of September 30, 2016 and December 31, 2015. The Senior Secured Credit Facility incorporates the impact of the interest rate swap agreement described in Note 11, "Derivatives and Hedging Instruments."

Senior Secured Credit Facility On March 31, 2016, the Company amended and restated its senior secured credit facility with and among certain foreign subsidiaries of NCR (the Foreign Borrowers), the lenders party thereto and JPMorgan Chase Bank, NA (JPMCB) as the administrative agent, and refinanced its term loan facility and revolving credit facility thereunder (the Senior Secured Credit Facility). As of September 30, 2016, the Senior Secured Credit Facility consisted of a term loan facility with an aggregate principal amount outstanding of \$878 million. The revolving credit facility had an aggregate principal amount of \$1.1 billion, of which \$20 million was outstanding as of September 30, 2016. The revolving credit facility also allows a portion of the availability to be used for outstanding letters of credit, and as of September 30, 2016, there were no letters of credit outstanding.

Up to \$400 million of the revolving credit facility is available to the Foreign Borrowers. Term loans were made to the Company in U.S. Dollars, and loans under the revolving credit facility are available in U.S. Dollars, Euros and Pound Sterling.

The outstanding principal balance of the term loan facility is required to be repaid in equal quarterly installments of approximately \$11 million beginning June 30, 2016, \$17 million beginning June 30, 2018, and \$23 million beginning June 30, 2019, with the balance being due at maturity on March 31, 2021. Borrowings under the revolving portion of the credit facility are due March 31, 2021. Amounts outstanding under the Senior Secured Credit Facility bear interest at LIBOR (or, in the case of amounts denominated in Euros, EURIBOR), or, at NCR's option, in the case of amounts denominated in U.S. Dollars, at a base

rate equal to the highest of (a) the federal funds rate plus 0.50%, (b) JPMCB's "prime rate" and (c) the one-month LIBOR rate plus 1.00% (the Base Rate), plus, in each case, a margin ranging from 1.25% to 2.25% for LIBOR-based loans that are either term loans or revolving loans and EURIBOR-based revolving loans and ranging from 0.25% to 1.25% for Base Rate-based loans that are either term loans or revolving loans, in each case, depending on the Company's consolidated leverage ratio. The terms of the Senior Secured Credit Facility also require certain other fees and payments to be made by the Company, including a commitment fee on the undrawn portion of the revolving credit facility.

The obligations of the Company and Foreign Borrowers under the Senior Secured Credit Facility are guaranteed by certain of the Company's wholly-owned domestic subsidiaries. The Senior Secured Credit Facility and these guarantees are secured by a first priority lien and security interest in certain equity interests owned by the Company and the guarantor subsidiaries in certain of their respective domestic and foreign subsidiaries, and a perfected first priority lien and security interest in substantially all of the Company's U.S. assets and the assets of the guarantor subsidiaries, subject to certain exclusions. These security interests would be released if the Company achieves an "investment grade" rating, and will remain released so long as the Company maintains that rating.

The Senior Secured Credit Facility includes affirmative and negative covenants that restrict or limit the ability of the Company and its subsidiaries to, among other things, incur indebtedness; create liens on assets; engage in certain fundamental corporate changes or changes to the Company's business activities; make investments; sell or otherwise dispose of assets; engage in sale-leaseback or hedging transactions; repurchase stock, pay dividends or make similar distributions; repay other indebtedness; engage in certain affiliate transactions; or enter into agreements that restrict the Company's ability to create liens, pay dividends or make loan repayments. The Senior Secured Credit Facility also includes financial covenants that require the Company to maintain:

- a consolidated leverage ratio on the last day of any fiscal quarter, not to exceed (i) in the case of any fiscal quarter ending on or prior to December 31, 2017, (a) the sum of 4.25 and an amount (not to exceed 0.50) to reflect debt used to reduce NCR's unfunded pension liabilities to (b) 1.00, (ii) in the case of any fiscal quarter ending after December 31, 2017 and on or prior to December 31, 2019, (a) the sum of 4.00 and an amount (not to exceed 0.50) to reflect debt used to reduce NCR's unfunded pension liabilities to (b) 1.00, and (iii) in the case of any fiscal quarter ending after December 31, 2017 and on or prior to (b) 1.00, and (iii) in the case of any fiscal quarter ending after December 31, 2019, the sum of (a) 3.75 and an amount (not to exceed 0.50) to reflect debt used to reduce NCR's unfunded pension liabilities to (b) 1.00; and
- an interest coverage ratio on the last day of any fiscal quarter greater than or equal to 3.50 to 1.00.

At September 30, 2016, the maximum consolidated leverage ratio under the Senior Secured Credit Facility was 4.35 to 1.00.

The Senior Secured Credit Facility also includes provisions for events of default, which are customary for similar financings. Upon the occurrence of an event of default, the lenders may, among other things, terminate the loan commitments, accelerate all loans and require cash collateral deposits in respect of outstanding letters of credit. If the Company is unable to pay or repay the amounts due, the lenders could, among other things, proceed against the collateral granted to them to secure such indebtedness.

The Company may request, at any time and from time to time, but the lenders are not obligated to fund, the establishment of one or more incremental term loans and/or revolving credit facilities (subject to the agreement of existing lenders or additional financial institutions to provide such term loans and/or revolving credit facilities) with commitments in an aggregate amount not to exceed the greater of (i) \$150 million, and (ii) such amount as would not (a) prior to the date that the Company obtains an investment grade rating cause the leverage ratio under the Senior Secured Credit Facility, calculated on a pro forma basis including the incremental facility and assuming that it and the revolver are fully drawn, to exceed 2.50 to 1.00, and (b) on and after the date that the Company obtains an investment grade rating cause the leverage ratio under the Senior Secured Credit Facility, calculated on a pro forma basis including the incremental facility and assuming that it and the revolver are fully drawn, to exceed a ratio that is 0.50 less than the leverage ratio then applicable under the financial covenants of the Senior Secured Credit Facility, the proceeds of which can be used for working capital requirements and other general corporate purposes.

Senior Unsecured Notes On September 17, 2012, the Company issued \$600 million aggregate principal amount of 5.00% senior unsecured notes due in 2022 (the 5.00% Notes). The 5.00% Notes were sold at 100% of the principal amount and will mature on July 15, 2022. On December 18, 2012, the Company issued \$500 million aggregate principal amount of 4.625% senior unsecured notes due in 2021 (the 4.625% Notes). The 4.625% Notes were sold at 100% of the principal amount and will mature on February 15, 2021. On December 19, 2013, the Company issued \$400 million aggregate principal amount of 5.875% senior unsecured notes due in 2021 (the 5.875% Notes) and \$700 million aggregate principal amount of 6.375% senior unsecured notes due in 2023 (the 6.375% Notes). The 5.875% Notes were sold at 100% of the principal amount and will mature on December 15, 2021 and the

6.375% Notes were sold at 100% of the principal amount and will mature on December 15, 2023. The senior unsecured notes are guaranteed, fully and unconditionally, on an unsecured senior basis, by our subsidiary, NCR International, Inc.

The Company has the option to redeem the 5.00% Notes, in whole or in part, at any time on or after July 15, 2017, at a redemption price of 102.5%, 101.667%, 100.833% and 100% during the 12-month periods commencing on July 15, 2017, 2018, 2019 and 2020 and thereafter, respectively, plus accrued and unpaid interest to the redemption date. Prior to July 15, 2017, the Company may redeem the 5.00% Notes, in whole or in part, at a redemption price equal to 100% of the principal amount plus a make-whole premium and accrued and unpaid interest to the redemption date.

The Company has the option to redeem the 4.625% Notes, in whole or in part, at any time on or after February 15, 2017, at a redemption price of 102.313%, 101.156% and 100% during the 12-month periods commencing on February 15, 2017, 2018 and 2019 and thereafter, respectively, plus accrued and unpaid interest to the redemption date. Prior to February 15, 2017, the Company may redeem the 4.625% Notes, in whole or in part, at a redemption price equal to 100% of the principal amount plus a make-whole premium and accrued and unpaid interest to the redemption date. Prior to February 15, 2016, the Company may redeem the 4.625% Notes in an aggregate principal amount not to exceed 35% of the aggregate principal amount of the notes originally issued at a redemption price of 104.625% plus accrued and unpaid interest to the redemption date, with the net cash proceeds from one or more qualified equity offerings under certain further requirements.

The Company has the option to redeem the 5.875% Notes, in whole or in part, at any time on or after December 15, 2017, at a redemption price of 102.938%, 101.469% and 100% during the 12-month periods commencing on December 15, 2017, 2018 and 2019 and thereafter, respectively, plus accrued and unpaid interest to the redemption date. Prior to December 15, 2017, the Company may redeem the 5.875% Notes, in whole or in part, at a redemption price equal to 100% of the principal amount plus a make-whole premium and accrued and unpaid interest to the redemption date. Prior to December 15, 2016, the Company may redeem the 5.875% Notes in an aggregate principal amount not to exceed 35% of the aggregate principal amount of the notes originally issued at a redemption price of 105.875% plus accrued and unpaid interest to the redemption date, with the net cash proceeds from one or more qualified equity offerings under certain further requirements.

The Company has the option to redeem the 6.375% Notes, in whole or in part, at any time on or after December 15, 2018, at a redemption price of 103.188%, 102.125%, 101.063% and 100% during the 12-month periods commencing on December 15, 2018, 2019, 2020 and 2021 and thereafter, respectively, plus accrued and unpaid interest to the redemption date. Prior to December 15, 2018, the Company may redeem the 6.375% Notes, in whole or in part, at a redemption price equal to 100% of the principal amount plus a make-whole premium and accrued and unpaid interest to the redemption date. Prior to December 15, 2016, the Company may redeem the 6.375% Notes in an aggregate principal amount not to exceed 35% of the aggregate principal amount of the notes originally issued at a redemption price of 106.375% plus accrued and unpaid interest to the redemption date, with the net cash proceeds from one or more qualified equity offerings under certain further requirements.

The terms of the indentures for these notes limit the ability of the Company and certain of its subsidiaries to, among other things, incur additional debt or issue redeemable preferred stock; pay dividends or make certain other restricted payments or investments; incur liens; sell assets; incur restrictions on the ability of the Company's subsidiaries to pay dividends to the Company; enter into affiliate transactions; engage in sale and leaseback transactions; and consolidate, merge, sell or otherwise dispose of all or substantially all of the Company's or such subsidiaries' assets. These covenants are subject to significant exceptions and qualifications. For example, if these notes are assigned an investment grade rating by Moody's or S&P and no default has occurred or is continuing, certain covenants will be terminated.

Trade Receivables Securitization Facility In November 2014, the Company established a two-year revolving trade receivables securitization facility (the A/R Facility) with PNC Bank, National Association (PNC) as the administrative agent, and various lenders. The A/R Facility provides for up to \$200 million in funding based on the availability of eligible receivables and other customary factors and conditions.

Under the A/R Facility, NCR sells and/or contributes certain of its U.S. trade receivables to a wholly-owned, bankruptcy-remote subsidiary as they are originated, and advances by the lenders to that subsidiary are secured by those trade receivables. The assets of this financing subsidiary are restricted as collateral for the payment of its obligations under the A/R Facility, and its assets and credit are not available to satisfy the debts and obligations owed to the creditors of the Company. The Company includes the assets, liabilities and results of operations of this financing subsidiary in its consolidated financial statements. The financing subsidiary owned \$467 million and \$368 million of outstanding accounts receivable as of September 30, 2016 and December 31, 2015, respectively, and these amounts are included in accounts receivable, net in the Company's Condensed Consolidated Balance Sheets.

The financing subsidiary pays annual commitment and other customary fees to the lenders, and advances by a lender under the A/R Facility accrue interest (i) at a reserve-adjusted LIBOR rate or a base rate equal to the highest of (a) the applicable lender's prime rate or (b) the federal funds rate plus 0.50%, if the lender is a committed lender, or (ii) based on commercial paper interest rates if the lender is a commercial paper conduit lender. Advances may be prepaid at any time without premium or penalty.

The A/R Facility contains various customary affirmative and negative covenants and default and termination provisions that provide for the acceleration of the advances under the A/R Facility in circumstances including, but not limited to, failure to pay interest or principal when due, breach of representation, warranty or covenant, certain insolvency events or failure to maintain the security interest in the trade receivables, and defaults under other material indebtedness.

Debt Maturities Maturities of long-term debt outstanding, in principal amounts, at September 30, 2016 are summarized below:

				For	the years en	ded D	ecember 31				
In millions	Total	er 1, 2016 through ember 31, 2016	 2017		2018	2019			2020	Thereafter	
Debt maturities	\$ 3,320	\$ 214	\$ 50	\$	63	\$	85	\$	95	\$	2,813

Fair Value of Debt The Company utilized Level 2 inputs, as defined in the fair value hierarchy, to measure the fair value of the long-term debt, which, as of September 30, 2016 and December 31, 2015 was \$3.40 billion and \$3.21 billion, respectively. Management's fair value estimates were based on quoted prices for recent trades of NCR's long-term debt, quoted prices for similar instruments, and inquiries with certain investment communities.

4. RESTRUCTURING PLAN

In July 2014, we announced a restructuring plan to strategically reallocate resources so that we can focus on our higher-growth, higher-margin opportunities in the software-driven consumer transaction technologies industry. The program is centered on ensuring that our people and processes are aligned with our continued transformation and includes: rationalizing our product portfolio to eliminate overlap and redundancy; taking steps to end-of-life older commodity product lines that are costly to maintain and provide low margins; moving lower productivity services positions to our new centers of excellence due to the positive impact of services innovation; and reducing layers of management and organizing around divisions to improve decision-making, accountability and strategic execution.

As a result of the restructuring plan, the Company recorded a total charge of \$7 million and \$17 million in the three and nine months ended September 30, 2016, respectively, and \$12 million and \$36 million in the three and nine months ended September 30, 2015, respectively. The Company expects to achieve annualized run-rate savings of approximately \$105 million in 2016. Our estimate of restructuring-related opportunities in connection with this restructuring plan for 2016 is approximately \$20 million to \$25 million.

Charges related to the restructuring plan for the three and nine months ended September 30 were:

	 Three months en	ded S	September 30	 Nine months end	nded September 30		
In millions	2016		2015	2016		2015	
Severance and other employee-related costs							
ASC 712 charges included in restructuring-related charges	\$ 2	\$	—	\$ 4	\$	(5)	
ASC 420 charges included in restructuring-related charges	1		7	(1)		12	
Inventory-related charges							
Charges included in cost of products	_					3	
Charges included in cost of services	_		_	4		_	
Asset-related charges							
External and internal use software impairment charges included in restructuring-related charges	_			2		2	
Impairment of long-lived assets included in restructuring- related charges	_		_	_		14	
Other exit costs							
Other exit costs included in restructuring-related charges	4		5	8		10	
Total restructuring charges	\$ 7	\$	12	\$ 17	\$	36	

In the nine months ended September 30, 2016 and 2015, asset related charges included the write-off of internal and external use capitalized software for projects that have been abandoned. In the nine months ended September 30, 2015, asset related charges included the impairment of long-lived assets that were no longer considered strategic and were held for sale. The Company utilized Level 3 inputs, as defined in the fair value hierarchy, to measure the fair value.

The results by segment, as disclosed in Note 13, "Segment Information and Concentrations," exclude the impact of these costs, which is consistent with the manner by which management assesses the performance and evaluates the results of each segment. The following table summarizes the total liabilities relating to the restructuring plan, which are included on the Condensed Consolidated Balance Sheets in other current liabilities.

A (A)
* < ^ >
\$ 60
22
(5)
(51)
(2)
\$ 24

5. INCOME TAXES

Income tax provisions for interim (quarterly) periods are based on an estimated annual effective income tax rate calculated separately from the effect of significant, infrequent or unusual items. Income tax expense was \$31 million and \$16 million for the three months ended September 30, 2016 and 2015, respectively. The increase in income tax expense was primarily driven by a less favorable change in uncertain tax positions, including \$17 million of income tax benefits for audit settlements in foreign jurisdictions in the three months ended September 30, 2015, partially offset by a favorable mix of earnings in continuing operations.

Income tax expense was \$75 million and \$50 million for the nine months ended September 30, 2016 and 2015, respectively. The increase in income tax expense was primarily driven by a less favorable change in uncertain tax positions, including \$17 million of income tax benefits for audit settlements in foreign jurisdictions in the nine months ended September 30, 2015, partially offset by a favorable mix of earnings in continuing operations, excluding the settlement of the UK London pension plan. During the nine months ended September 30, 2015 there was no tax benefit recorded on the \$427 million charge related to the settlement of the UK London pension plan due to a valuation allowance against deferred tax assets in the United Kingdom. Refer to Note 7, "Employee Benefit Plans," for additional discussion on the settlement of the UK London pension plan.

6. STOCK COMPENSATION PLANS

As of September 30, 2016, the Company's primary type of stock-based compensation was restricted stock units. Stock-based compensation expenses for the following periods were:

	Т	hree months en	eptember 30	Ν	ine months end	ded September 30		
In millions		2016		2015		2016		2015
Restricted stock units	\$	16	\$	12	\$	45	\$	32
Tax benefit		(6)		(4)		(14)		(10)
Total stock-based compensation (net of tax)	\$	10	\$	8	\$	31	\$	22

Stock-based compensation expense is recognized in the financial statements based upon fair value.

During the first quarter of 2016, the Company issued price-contingent restricted stock units with a performance period of 60 months. Vesting of these units is dependent upon the attainment of target stock prices and service conditions. The Company estimated the fair value and derived service period using the Monte Carlo simulation option pricing model. The Company amortizes the fair value of these awards over the explicit service period of 36 to 48 months, which was longer than the derived service period, adjusted for estimated forfeitures. Provided that the explicit service period is rendered, the total fair value of the price-contingent restricted stock units at the date of grant is recognized as compensation expense even if the market condition is not achieved. However, the number of shares that ultimately vest can vary significantly with the performance of the specified market criteria. The weighted-average assumptions used and the resulting estimates of fair value were as follows:

	Nine months ended September 30, 2016
Expected volatility	33.9%
Expected dividend yield	—
Risk-free rate	1.21%
Weighted average fair value per share	\$14.93

Expected volatility is based on the historical volatility derived from NCR stock price movements over the last 60 months. The risk-free interest rate was based upon the U.S. Treasury yield curve in effect at the time of grant with a remaining term of 60 months.

As of September 30, 2016, the total unrecognized compensation cost of \$130 million related to unvested restricted stock grants is expected to be recognized over a weighted average period of approximately 1.3 years.

7. EMPLOYEE BENEFIT PLANS

Components of net periodic benefit cost (income) of the pension plans for the three months ended September 30 were as follows:

	 U.S. Pensi	on Bene	efits	 International H	Pensio	on Benefits	 Total Pens	nefits	
In millions	2016		2015	2016		2015	2016		2015
Net service cost	\$ _	\$	_	\$ 2	\$	3	\$ 2	\$	3
Interest cost	23		22	7		7	30		29
Expected return on plan assets	(18)		(18)	(10)		(11)	(28)		(29)
Amortization of prior service cost	_		_	1		1	1		1
Curtailment	_		_	_		1	_		1
Net periodic benefit cost (income)	\$ 5	\$	4	\$ _	\$	1	\$ 5	\$	5

Components of net periodic benefit cost (income) of the pension plans for the nine months ended September 30 were as follows:

	 U.S. Pensi	on Be	nefits	International Pension Benefits					Total Pension Benefits			
In millions	2016		2015		2016		2015		2016		2015	
Net service cost	\$ _	\$	_	\$	6	\$	9	\$	6	\$	9	
Interest cost	68		66		21		34		89		100	
Expected return on plan assets	(54)		(54)		(28)		(50)		(82)		(104)	
Amortization of prior service cost	_	\$	_		1		1		1		1	
Curtailment	_		_		_		(2)		_		(2)	
Settlement	_		_		_		427		_		427	
Net periodic benefit cost (income)	\$ 14	\$	12	\$		\$	419	\$	14	\$	431	

During the second quarter of 2015, the Company completed the transfer of its UK London pension plan to an insurer. As a result of the transfer, the Company recorded a settlement loss of \$427 million in the nine months ended September 30, 2015 in the Condensed Consolidated Statement of Operations.

The benefit from the postretirement plan for the three and nine months ended September 30 was:

	1	Three months end	led September 30	 Nine months end	ed Sep	tember 30	
In millions		2016	2015		2016		2015
Interest cost	\$	_	\$	_	\$ _	\$	
Amortization of:							
Prior service benefit		(4)		(5)	(11)		(14)
Actuarial loss		1		1	2		2
Net postretirement benefit	\$	(3)	\$	(4)	\$ (9)	\$	(12)

The cost of the postemployment plan for the three and nine months ended September 30 was:

	Т	hree months end	ded Sep	otember 30	 Nine months end	led September 30			
In millions		2016		2015	2016		2015		
Net service cost	\$	4	\$	4	\$ 12	\$	12		
Interest cost		_		—	1		2		
Amortization of:									
Prior service benefit		(1)		(1)	(4)		(3)		
Actuarial gain		(1)		—	(3)				
Net benefit cost	\$	2	\$	3	\$ 6	\$	11		
Restructuring severance cost		2		_	4		(5)		
Total postemployment cost	\$	4	\$	3	\$ 10	\$	6		

Employer Contributions

Pension For the three and nine months ended September 30, 2016, NCR contributed \$7 million and \$20 million, respectively, to its international pension plans. In 2016, NCR anticipates contributing an additional \$15 million to its international pension plans for a total of \$35 million.

Postretirement For the three and nine months ended September 30, 2016, NCR contributed zero and \$1 million, respectively, to its U.S. postretirement plan. NCR anticipates contributing an additional \$2 million to its U.S. postretirement plan for a total of \$3 million in 2016.

Postemployment For the three and nine months ended September 30, 2016, NCR contributed \$11 million and \$32 million, respectively, to its postemployment plans. NCR anticipates contributing an additional \$1 million to its postemployment plans for a total of \$33 million in 2016, which includes planned contributions associated with the previously announced restructuring plan. See Note 4, "Restructuring Plan," for additional information.

8. COMMITMENTS AND CONTINGENCIES

In the normal course of business, NCR is subject to various proceedings, lawsuits, claims and other matters, including, for example, those that relate to the environment and health and safety, labor and employment, employee benefits, import/export compliance, intellectual property, data privacy and security, product liability, commercial disputes and regulatory compliance, among others. Additionally, NCR is subject to diverse and complex laws and regulations, including those relating to corporate governance, public disclosure and reporting, environmental safety and the discharge of materials into the environment, product safety, import and export compliance, data privacy and security, antitrust and competition, government contracting, anti-corruption, and labor and human resources, which are rapidly evolving and subject to many possible changes in the future. Compliance with these laws and regulations, including changes in accounting standards, taxation requirements, and federal securities laws among others, may create a substantial burden on, and substantially increase costs to NCR or could have an impact on NCR's future operating results. The Company has reflected all liabilities when a loss is considered probable and reasonably estimable in the Condensed Consolidated Financial Statements. We do not believe there is a reasonable possibility that losses exceeding amounts already recognized have been incurred, but there can be no assurances that the amounts required to satisfy alleged liabilities from such matters discussed below, the Company does not currently expect to incur material capital expenditures related to such matters, including, but not limited to the Fox River and Kalamazoo River environmental matters and other matters discussed below, and to comply with applicable laws and regulations, will not have a material adverse effect on its consolidated results of operations, capital expenditures, competitive position, financial condition or cash flows.

In 2012, NCR received anonymous allegations from a purported whistleblower regarding certain aspects of the Company's business practices in China, the Middle East and Africa. The principal allegations received in 2012 related to the Company's compliance with the Foreign Corrupt Practices Act (FCPA) and federal regulations that prohibit U.S. persons from engaging in certain activities in Syria. As previously reported, the Company and its Board of Directors completed investigations with the assistance of experienced outside counsel and resolved a related shareholder derivative action.

With respect to the FCPA, the Company made a presentation to the staff of the Securities and Exchange Commission (SEC) and the U.S. Department of Justice (DOJ) providing the facts known to the Company related to the whistleblower's FCPA allegations, and advising the government that many of these allegations were unsubstantiated. With respect to the DOJ, the Company responded to its most recent requests for documents in 2014. On June 22, 2015, the SEC staff notified the Company that it did not intend to recommend an enforcement action against the Company with respect to these matters.

With respect to Syria, in 2012 NCR voluntarily notified the U.S. Treasury Department Office of Foreign Assets Control (OFAC) of potential violations and ceased operations in Syria, which were commercially insignificant. The notification related to confusion stemming from the Company's failure to register in Syria the transfer of the Company's Syrian branch to a foreign subsidiary and to deregister the Company's legacy Syrian branch, which was a branch of NCR Corporation. The Company applied for and received from OFAC various licenses that permitted the Company to take measures required to wind down its past operations in Syria. The last such license expired in April 2016, and in connection with that expiration the Company abandoned its remaining property in Syria, which was commercially insignificant, and ended the employment of its final two employees there, who had remained employed by the Company to assist with the execution of the Company's wind-down activities pursuant to authority granted by the OFAC licenses. The Company also submitted detailed reports to OFAC regarding this matter, including a description of the Company's comprehensive export control program and related remedial measures, and a description of the abandonment and related circumstances. The Company continues to cooperate with the authorities. There can be no assurance that the Company will not be subject to fines or other remedial measures as a result of OFAC's investigation.

In 2013 the Company, through its travel business, entered into a subcontract with a prime contractor with respect to certain information technology components of two airport construction projects in Oman. In 2015 the prime contractor's contract with an Omani public agency was terminated for cause; the Company and the prime contractor (a joint venture) subsequently provided to each other notices of termination of the subcontract. The prime contractor subsequently filed liquidation proceedings in Oman. The Company had delivered and installed goods and services in the approximate amount of \$40 million as of 2015 when the various contracts were terminated, approximately half of which sum remains due and owing. Under the terms of the subcontract, most of the payment obligations by the Omani public agency to the terminated prime contractor, and from the terminated prime contractor to the Company, had not at that time matured. The Company remains engaged in the construction projects, having been urged by the Omani public agency to enter into a new subcontract with a new prime contractor, which the Company did later in 2015. The Company has identified various avenues to pursue, against the prime contractor and others, including the parent of one of the joint venture partners in the terminated prime contractor, to obtain recoveries of the amounts owed to it. In the quarter ended September 30, 2016, the Company received payment from the Omani public agency under the agreement entered into in June 2016, as previously reported. The Company continues to maintain the previously reported reserve of approximately \$20 million with respect to those portions of its claim that it considered did not meet the Company's standard for probable recovery; that reserve was not affected by the agreement or payment referenced above.

In June 2014, one of the Company's Brazilian subsidiaries, NCR Manaus, was notified of a Brazilian federal tax assessment of R168 million, or approximately \$52 million, including penalties and interest regarding certain federal indirect taxes for 2010 through 2012. The assessment alleges improper importation of certain components into Brazil's free trade zone that would nullify related indirect tax incentives. We have not recorded an accrual for the assessment, as the Company believes it has a valid position regarding indirect taxes in Brazil and, as such, has filed an appeal. However, it is possible that the Company could be required to pay taxes, penalties and interest related to this matter, which could be material to the Company's Condensed Consolidated Financial Statements. As of September 30, 2016, the Company estimated the range of possible loss related to this matter to be zero to approximately \$71 million.

Environmental Matters NCR's facilities and operations are subject to a wide range of environmental protection laws, and NCR has investigatory and remedial activities underway at a number of facilities that it currently owns or operates, or formerly owned or operated, to comply, or to determine compliance, with such laws. Also, NCR has been identified, either by a government agency or by a private party seeking contribution to site clean-up costs, as a potentially responsible party (PRP) at a number of sites pursuant to various state and federal laws, including the Federal Water Pollution Control Act, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and comparable state statutes. Other than the Fox River matter and the Kalamazoo River matter detailed below, we currently do not anticipate material expenses and liabilities from these environmental matters.

Fox River NCR is one of eight entities that were formally notified by governmental and other entities, such as local Native American tribes, that they are PRPs for environmental claims (under CERCLA and other statutes) arising out of the presence of polychlorinated biphenyls (PCBs) in sediments in the lower Fox River and in the Bay of Green Bay in Wisconsin. The other Fox River PRPs that received notices are Appleton Papers Inc. (API; now known as Appvion, Inc.), P.H. Glatfelter Company ("Glatfelter"), Georgia-Pacific Consumer Products LP (GP, successor to Fort James Operating Company), WTM I Co. (formerly Wisconsin Tissue Mills, now owned by Canal Corporation, formerly known as Chesapeake Corporation), CBC Corporation (formerly Riverside Paper Corporation), U.S. Paper Mills Corp. (owned by Sonoco Products Company), and Menasha Corporation. NCR was identified as a PRP because of alleged PCB discharges from two carbonless copy paper manufacturing facilities it previously owned, which were located along the Fox River. NCR sold its facilities in 1978 to API. Some parties contend that NCR is also responsible for PCB discharges from paper mills owned by other companies because NCR carbonless copy paper "broke" was allegedly purchased by those other mills as a raw material.

The United States Environmental Protection Agency (USEPA) and Wisconsin Department of Natural Resources (together, the Governments) developed clean-up plans for the upper and lower parts of the Fox River and for portions of the Bay of Green Bay. On November 13, 2007, the Governments issued a unilateral administrative order (the 2007 Order) under CERCLA to the eight original PRPs, requiring them to perform remedial work under the Governments' clean-up plan for the lower parts of the river (operable units 2 through 5). In April 2009, NCR and API formed a limited liability company (the LLC), which entered into an agreement with an environmental remediation contractor to perform the work at the Fox River site. In-water dredging and remediation under the clean-up plan commenced shortly thereafter.

NCR and API, along with B.A.T Industries p.l.c. (BAT), share among themselves a portion of the cost of the Fox River clean-up and natural resource damages (NRD) based upon a 1998 agreement (the Cost Sharing Agreement), a 2005 arbitration award (subsequently confirmed as a judgment), and a 2014 Funding Agreement (the Funding Agreement). The Cost Sharing Agreement and the arbitration resolved disputes that arose out of the Company's 1978 sale of its Fox River facilities to API. The Cost Sharing

Agreement and arbitration award resulted in a 45% share for NCR of the first \$75 million of such costs (a threshold that was reached in 2008), and a 40% share for amounts in excess of \$75 million. The Funding Agreement arose out of a 2012-14 arbitration dispute between NCR and API, and provides for regular, ongoing funding of NCR-incurred Fox River remediation costs via contributions made by BAT, API (through 2016) and API's indemnitor Windward Prospects (through 2014), to a new limited liability corporation created by the Funding Agreement. Under the Funding Agreement NCR receives (and has received) payment for 50% of its Fox River remediation costs from October 1, 2014 forward; the Funding Agreement also provides NCR opportunities to recoup, both indirectly from third parties and directly, the difference between BAT's and API's 60% obligation under the Cost Sharing Agreement and arbitration award on the one hand and their 50% payments under the Funding Agreement on the other, as well as the difference between the amount NCR received under the Funding Agreement and the amount owed to it under the Cost Sharing Agreement and arbitration award for the period from April 2012 through the end of September 2014.

Various litigation proceedings concerning the Fox River are pending, and, as the result of appellate decisions in September 2014, NCR's potential liability for the Fox River matter, for purposes of calculating the Company's Fox River reserve, is no longer considered to be 100% of the remediation costs in the lower parts of the river. In a contribution action filed in 2008 seeking to determine allocable responsibility of several companies and governmental entities, a federal court in Wisconsin had issued rulings in 2009 and 2011 that effectively placed all remediation liability on NCR for four of the five "operable units" of the site. In another part of the same lawsuit, the Company prevailed in a 2012 trial on claims seeking to hold it liable under an "arranger" theory for the most upriver portion of the site, operable unit 1.

On September 25, 2014, the United States Court of Appeals for the Seventh Circuit issued its ruling on appeal. That ruling vacated the lower court's contribution decisions that were adverse to NCR (i.e., it vacated "the decision to hold NCR responsible for all of the response costs at operable units 2 through 5 in contribution"), set aside an adverse judgment against the Company in the amount of \$76 million, and affirmed the Company's favorable verdict in the "arranger" liability trial with respect to operable unit 1. The case was remanded to the federal district court in Wisconsin for further proceedings, for potential consideration of additional factors noted by the appellate court, in which proceedings NCR will vigorously contest the amount of remediation costs allocable to it, and seek to recover from other parties portions of the costs it has previously paid. The case is scheduled for trial in March 2017.

On March 23, 2015, under a case management order applicable to the remanded case the federal district court allowed the filing of certain additional contractual and other claims, including claims against the Company, as well as certain claims by API against other parties (in light of the September 2014 appellate ruling that had restored those claims), which resulted in claims for potential indemnity by those other parties against the Company (under the Funding Agreement, to the extent the Company is liable for such claims, API must pay its recoveries into the limited liability corporation created by the Funding Agreement, and the Company may then seek to obtain reimbursement under its terms). The Company also updated the amounts it is seeking in its affirmative claims against other parties. Additionally, in March 2015, notwithstanding the prior trial and appellate results that had been favorable to the Company, the court entered a ruling holding NCR liable for contamination in operable unit 1, an area upriver from the Company's former facilities, on what the court considered to be new guidance created by the appellate court in its September 2014 decision. The Company believes the March 2015 decision incorrectly applied the appellate court ruling, which had affirmed the Company's favorable trial result on operable unit 1. While the Company's effort to obtain special appellate review in the form of a petition for mandamus was denied on May 1, 2015 by the appellate court, in a subsequent decision dated May 15, 2015 the district court indicated, in a ruling that addressed several issues, that NCR had no liability for operable unit 1, noting "NCR discharged no PCBs in OU1, and therefore has no divisible share of the clean-up costs for that area."

In 2010 the Governments filed a lawsuit (the Government enforcement action) in Wisconsin federal court against the companies named in the 2007 Order. After a 2012 trial, in May 2013 that court held, among other things, that harm at the site is not divisible, and it entered a declaratory judgment against seven defendants (including NCR) finding them jointly and severally liable to comply with the applicable provisions of the 2007 Order. The court also issued an injunction against four companies (including NCR), ordering them to comply with the applicable provisions of the 2007 Order; only NCR complied with the injunction. Several parties, including NCR, appealed from the judgment. In a companion opinion to the ruling described in the preceding paragraph, the United States Court of Appeals for the Seventh Circuit, also on September 25, 2014, vacated the injunction, and also vacated the declaratory judgment that had been entered against the Company. The appellate court also ruled that NCR's defense based on divisibility of harm at the site, which the district court had rejected, must be reconsidered by the district court. The declaratory judgment in the Government enforcement action with respect to liability under the 2007 Order against another defendant, Glatfelter, which pursued its appeal on grounds different from those pursued by NCR, was affirmed.

The case was remanded to the federal district court in Wisconsin for further proceedings. In a ruling on May 15, 2015, the district court ruled in NCR's favor and rejected the Governments' efforts to reinstate the declaratory judgment against NCR. The court issued findings in favor of the Company's divisibility defense, and held that NCR's share of liability for operable unit 4 was 28%

(the Company had then already paid more than 28% of the remediation costs for that part of the river). Various parties asked the court to reconsider its ruling, and in October 2015 the court granted those motions, with the prospect that the Company could continue to face joint and several liability for remediation of the river, in conjunction with other PRPs, although the Company's position remains that it has performed more than its fair share of remediation costs at the site. The remaining claims in the Government enforcement action are expected to be litigated in 2016 and 2017; trial of the matter is scheduled for the spring of 2017, three days following conclusion of the trial in the contribution case referenced above. With respect to remaining remediation work, one other PRP, GP, had agreed by virtue of an earlier settlement with the Governments that it is "liable to the United States . . . for performance of all response actions that the [2007 Order] requires for" the lower portion of operable unit 4 and operable unit 5.

With respect to 2015 remediation, following negotiations with the Governments and GP the Company agreed in April 2015 to perform a portion of the work planned for 2015, and to fund approximately one-third of the cost of that work, with GP funding an equal amount. This agreement was formalized in a stipulation and proposed consent decree filed with the federal court; each party preserved its rights to recover its 2015 costs from the other in the contribution litigation. The Governments demanded that Glatfelter agree to perform or fund the remaining approximate one-third of the work. NCR and GP undertook and completed the remediation efforts they agreed to perform in 2015. Glatfelter performed only a limited portion of the work the Governments sought to require of it, and refused to perform the remainder.

As of September 30, 2016, no formal arrangement for the conduct of 2016 remediation work had been reached. NCR and GP offered to perform again the arrangement they performed in 2015, in which NCR and GP would each fund approximately one-third of the work, and NCR and GP commenced remediation work for the 2016 season on that basis. Glatfelter indicated it would fund a portion of 2016 work, but again refused to perform the approximate one-third of work that was proposed for it to perform, and instead performed only a minor quantity of work. Glatfelter's failures to perform its work have caused the expected completion of the remediation to be extended from 2017 to 2018. NCR and GP have together funded more than two-thirds of the 2016 remediation work, and were continuing to do so as of September 30, 2016.

With respect to the Company's prior dispute with API, which was generally superseded by the Funding Agreement, the Company has continued to receive timely payments under the Funding Agreement.

NCR's eventual remediation liability, followed by long-term monitoring, will depend on a number of factors. In establishing the reserve, NCR attempts to estimate a range of reasonably possible outcomes for each of these factors, although each range is itself uncertain. NCR uses its best estimate within the range, if that is possible. Where there is a range of equally possible outcomes, and there is no amount within that range that is considered to be a better estimate than any other amount, NCR uses the low end of the range. In general, the most significant factors include: (1) the total remaining clean-up costs, including long-term monitoring following completion of the clean-up; (2) total NRD for the site; (3) the share of clean-up costs and NRD that NCR will bear; (4) NCR's transaction and litigation costs to defend itself in this matter for the current year; and (5) the share of NCR's payments that API and/or BAT will bear, as discussed above. With respect to NRD, in connection with a certain settlement entered into by other PRPs in the year ended December 31, 2015 the Government asked the court to allow it to withdraw the NRD claims it had prosecuted on behalf of NRD trustees, including those NRD claims asserted against the Company (the Government had represented it would do so in the course of presenting the settlement to the court for approval). The court approved this request in October 2015.

Calculation of the Company's Fox River reserve is subject to several complexities, and it is possible there could be additional changes to some elements of the reserve over upcoming periods, although the Company is unable to predict or estimate such changes at this time. There can be no assurance that the clean-up and related expenditures and liabilities will not have a material effect on NCR's capital expenditures, earnings, financial condition, cash flows, or competitive position. As of September 30, 2016, the net reserve for the Fox River matter was approximately \$15 million, compared to \$26 million as of December 31, 2015. The change in the net reserve is due to payments for clean-up activities and litigation costs. NCR contributes to the LLC in order to fund remediation activities and generally, by contract, has funded certain amounts of remediation expenses in advance. As of September 30, 2016 and December 31, 2015, approximately zero remained from this funding. NCR's reserve for the Fox River matter is reduced as the LLC makes payments to the remediation contractor and other vendors with respect to remediation activities.

Under a 1996 agreement, AT&T Corp. (AT&T) and Nokia (as the successor to Lucent Technologies and Alcatel-Lucent USA) are responsible severally (not jointly) for indemnifying NCR for certain portions of the amounts paid by NCR for the Fox River matter over a defined threshold and subject to certain offsets. (The agreement governs certain aspects of AT&T's divestiture of NCR and Lucent Technologies.) NCR's estimate of what AT&T and Nokia remain obligated to pay under the indemnity totaled approximately \$11 million and \$15 million as of September 30, 2016 and December 31, 2015, respectively, and is deducted in determining the net reserve discussed above.

In connection with the Fox River and other matters, through September 30, 2016, NCR has received a combined total of approximately \$173 million in settlements reached with its principal insurance carriers. Portions of most of these settlements were paid to a law firm that litigated the claims on the Company's behalf. Some of the settlements cover not only the Fox River but also other environmental sites. Of the total amount collected to date, \$9 million is subject to competing claims by API.

Kalamazoo River In November 2010 USEPA issued a "general notice letter" to NCR with respect to the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Kalamazoo River site) in Michigan. Three other companies - International Paper, Mead Corporation, and Consumers Energy - also received general notice letters at or about the same time. USEPA asserts that the site is contaminated by various substances, primarily PCBs, as a result of discharges by various paper mills located along the river. USEPA does not claim that the Company made direct discharges into the Kalamazoo River, and NCR never had facilities at or near the Kalamazoo River site, but USEPA indicated that "NCR may be liable under Section 107 of CERCLA ... as an arranger, who by contract or agreement, arranged for the disposal, treatment and/or transportation of hazardous substances at the Site." USEPA stated that it "may issue special notice letters to [NCR] and other PRPs for future RI/FS [remedial investigation / feasibility studies] and RD/RA [remedial design / remedial action] negotiations."

In connection with the Kalamazoo River site, in December 2010 the Company, along with two other defendants, was sued in federal court by three GP affiliate corporations in a contribution and cost recovery action for alleged pollution. The suit, pending in Michigan, asks that the Company pay a "fair portion" of these companies' costs. Various removal and remedial actions remain to be performed at the Kalamazoo River site, the costs for which have not been determined. The suit alleges that the Company is liable as an "arranger" under CERCLA. The initial phase of the case was tried in a Michigan federal court in February 2013; on September 26, 2013 the court issued a decision that held NCR was liable as an "arranger," as of at least March 1969. (PCB-containing carbonless copy paper was produced from approximately 1954 to April 1971, and the majority of contamination had occurred prior to 1969). NCR has preserved its right to appeal the September 2013 decision.

The Court did not determine NCR's share of the overall liability, which the Company believes should be de minimis, or how NCR's liability relates to the liability of other liable or potentially liable parties at the site. Relative shares of liability were tried to the court in a subsequent phase of the case; the trial concluded in December 2015, and posttrial briefing concluded in March 2016. The parties are awaiting the court's judgment. Prior to trial, in response to a motion filed by the Company, the court dismissed several portions of GP's claims as time-barred, with the result that the past costs that were tried amounted to approximately \$50 million. The court may or may not also rule on the allocation of future costs. If the Company is found liable for money damages or otherwise with respect to the Kalamazoo River site, it would have claims against BAT and API under the Cost Sharing Agreement, the arbitration award, the judgment and the Funding Agreement discussed above in connection with the Fox River matter (the Funding Agreement may provide partial reimbursement of such damages depending on the extent of certain recoveries, if any, against third parties under its terms). The Company would also have claims against AT&T and Nokia under the arrangement discussed above in connection with the Fox River matter. As of September 30, 2016 and December 31, 2015, the reserve for litigation expenses associated with the Kalamazoo matter was approximately \$5 million and \$18 million, respectively.

Environmental Remediation Estimates It is difficult to estimate the future financial impact of environmental laws, including potential liabilities. NCR records environmental provisions when it is probable that a liability has been incurred and the amount or range of the liability is reasonably estimable. Provisions for estimated losses from environmental restoration and remediation are, depending on the site, based generally on internal and third-party environmental studies, estimates as to the number and participation level of other PRPs, the extent of contamination, estimated amounts for attorney and other fees, and the nature of required clean-up and restoration actions. Reserves are adjusted as further information develops or circumstances change. Management expects that the amounts reserved from time to time will be paid out over the period of investigation, negotiation, remediation and restoration for the applicable sites. The amounts provided for environmental matters in NCR's Condensed Consolidated Financial Statements are the estimated gross undiscounted amounts of such liabilities, without deductions for indemnity insurance, third-party indemnity claims or recoveries from other PRPs, except as qualified in the following sentences. Except for the sharing agreement with API described above with respect to a particular insurance settlement, in those cases where insurance carriers or third-party indemnitors have agreed to pay any amounts and management believes that collectibility of such amounts is probable, the amounts are recorded in the Condensed Consolidated Financial Statements. For the Fox River site, as described above, assets relating to the AT&T and Nokia indemnity and to the API/BAT obligations are recorded as payment is supported by contractual agreements, public filings and/or payment history.

Guarantees and Product Warranties Guarantees associated with NCR's business activities are reviewed for appropriateness and impact to the Company's Condensed Consolidated Financial Statements. As of September 30, 2016 and December 31, 2015, NCR had no material obligations related to such guarantees, and therefore its Condensed Consolidated Financial Statements do not have any associated liability balance.

NCR provides its customers a standard manufacturer's warranty and records, at the time of the sale, a corresponding estimated liability for potential warranty costs. Estimated future obligations due to warranty claims are based upon historical factors, such as labor rates, average repair time, travel time, number of service calls per machine and cost of replacement parts. When a sale is consummated, the total customer revenue is recognized, provided that all revenue recognition criteria are otherwise satisfied, and the associated warranty liability is recorded using pre-established warranty percentages for the respective product classes.

From time to time, product design or quality corrections are accomplished through modification programs. When identified, associated costs of labor and parts for such programs are estimated and accrued as part of the warranty reserve.

The Company recorded the activity related to the warranty reserve for the nine months ended September 30 as follows:

In millions	:	2016	2015
Warranty reserve liability			
Beginning balance as of January 1	\$	24	\$ 22
Accruals for warranties issued		31	29
Settlements (in cash or in kind)		(29)	(28)
Ending balance as of September 30	\$	26	\$ 23

In addition, NCR provides its customers with certain indemnification rights. In general, NCR agrees to indemnify the customer if a third party asserts patent or other infringement on the part of its customers for its use of the Company's products subject to certain conditions that are generally standard within the Company's industries. On limited occasions the Company will undertake additional indemnification obligations for business reasons. From time to time, NCR also enters into agreements in connection with its acquisition and divestiture activities that include indemnification obligations by the Company. The fair value of these indemnification obligations is not readily determinable due to the conditional nature of the Company's potential obligations and the specific facts and circumstances involved with each particular agreement. The Company has not recorded a liability in connection with these indemnifications, and no current indemnification instance is material to the Company's financial position. Historically, any payments made by the Company under these types of agreements have not had a material effect on the Company's consolidated financial condition, results of operations or cash flows.

9. SERIES A CONVERTIBLE PREFERRED STOCK

On December 4, 2015, NCR issued 820,000 shares of Series A Convertible Preferred Stock to certain entities affiliated with Blackstone Capital Partners VI L.P. and Blackstone Tactical Opportunities L.L.C. (collectively, Blackstone) for an aggregate purchase price of \$820 million, or \$1,000 per share, pursuant to an Investment Agreement between the Company and Blackstone, dated November 11, 2015. In connection with the issuance of the Series A Convertible Preferred Stock, the Company incurred direct and incremental expenses of \$26 million, including financial advisory fees, closing costs, legal expenses and other offering-related expenses. These direct and incremental expenses reduced the Series A Convertible Preferred Stock, and will be accreted through retained earnings as a deemed dividend from the date of issuance through the first possible known redemption date, March 16, 2024. Holders of Series A Convertible Preferred Stock are entitled to a cumulative dividend at the rate of 5.5% per annum, payable quarterly in arrears. During the three and nine months ended September 30, 2016, the Company paid dividends-in-kind of \$12 million and \$35 million, respectively, associated with the Series A Convertible Preferred Stock. As of September 30, 2016 and December 31, 2015, the Company had accrued dividends of \$3 million and \$4 million, respectively, associated with the Series A Convertible Preferred Stock. There were no cash dividends declared during the three and nine months ended September 30, 2016 or 2015, respectively.

The Series A Convertible Preferred Stock is convertible at the option of the holders at any time into shares of common stock at a conversion price of \$30.00 per share or a conversion rate of 33.333 shares of common stock per share of Series A Convertible Preferred Stock. As of September 30, 2016 and December 31, 2015, the maximum number of common shares that could be required to be issued if converted was 28.6 million and 27.4 million shares, respectively.

10. EARNINGS PER SHARE

Basic earnings per share (EPS) is calculated by dividing net income or loss attributable to NCR, less any dividends, accretion or decretion, redemption or induced conversion on our Series A Convertible Preferred Stock, by the weighted average number of shares outstanding during the reported period.

In computing diluted EPS, we adjust the numerator used in the basic EPS computation, subject to anti-dilution requirements, to add back the dividends (declared or cumulative undeclared) applicable to the Series A Convertible Preferred Stock. Such add-back would also include any adjustments to equity in the period to accrete the Series A Convertible Preferred Stock to its redemption price, or recorded upon a redemption or induced conversion. We adjust the denominator used in the basic EPS computation, subject to anti-dilution requirements, to include the dilution from potential shares resulting from the issuance of the Series A Convertible Preferred Stock units, and stock options.

The holders of Series A Convertible Preferred Stock and unvested restricted stock units do not have nonforfeitable rights to common stock dividends or common stock dividend equivalents. Accordingly, the Series A Convertible Preferred Stock and unvested restricted stock units do not qualify as participating securities. See Note 6, "Stock Compensation Plans," for share information on NCR's stock compensation plans.

During the nine months ended September 30, 2016, the Company repurchased 10.0 million shares of its common stock for \$250 million. No shares were repurchased during the three months ended September 30, 2016. The Company did not repurchase shares of its common stock during the three and nine months ended September 30, 2015. Upon repurchase, shares are retired.

The components of basic earnings per share are as follows:

	 Three months end	eptember 30	Ν	eptember 30			
In millions, except per share amounts	2016		2015		2016		2015
Numerator							
Income (loss) from continuing operations	\$ 107	\$	102	\$	215	\$	(202)
Loss from discontinued operations, net of tax	(2)		(4)		(2)		(4)
Net income (loss) attributable to NCR	\$ 105	\$	98	\$	213	\$	(206)
Series A convertible preferred stock dividends	(13)				(37)		
Net income (loss) attributable to NCR common stockholders	\$ 92	\$	98	\$	176	\$	(206)
Denominator							
Basic weighted average number of shares outstanding	123.9		169.8		126.0		169.5
Basic earnings per share:							
From continuing operations	\$ 0.76	\$	0.60	\$	1.41	\$	(1.19)
From discontinued operations	(0.02)		(0.02)		(0.01)		(0.03)
Total basic earnings per share	\$ 0.74	\$	0.58	\$	1.40	\$	(1.22)

The components of diluted earnings per share are as follows:

		Three months en	ded S	eptember 30	Γ	Nine months end	nded September 30		
In millions, except per share amounts	2016			2015		2016		2015	
Numerator									
Income (loss) from continuing operations	\$	107	\$	102	\$	215	\$	(202)	
Loss from discontinued operations, net of tax		(2)		(4)		(2)		(4)	
Net income (loss) attributable to NCR	\$	105	\$	98	\$	213	\$	(206)	
Denominator									
Basic weighted average number of shares outstanding		123.9		169.8		126.0		169.5	
Dilutive effect of as-if Series A Convertible Preferred Stock		28.4		—		28.0		—	
Dilutive effect of employee stock options and restricted stock units		3.1		2.5		2.8		_	
Diluted weighted average number of shares outstanding		155.4		172.3		156.8		169.5	
Diluted earnings per share:									
From continuing operations	\$	0.69	\$	0.59	\$	1.37	\$	(1.19)	
From discontinued operations		(0.01)		(0.02)		(0.01)		(0.03)	
Total diluted earnings per share	\$	0.68	\$	0.57	\$	1.36	\$	(1.22)	

For the three and nine months ended September 30, 2016, it was more dilutive to assume the Series A Convertible Preferred Stock was converted to common stock and therefore weighted average outstanding shares of common stock were adjusted by the as-if converted Series A Convertible Preferred Stock and the diluted earnings per share was calculated excluding the quarterly dividend.

Additionally, during the three and nine months ended September 30, 2016, there were zero and 0.1 million weighted anti-dilutive restricted stock units outstanding, respectively. For the three and nine months ended September 30, 2015, there were no weighted anti-dilutive restricted stock units outstanding.

Due to the net loss attributable to NCR common stockholders for the nine months ended September 30, 2015, potential common shares that would cause dilution, such as restricted stock units and stock options, were excluded from the diluted share count because their effect would have been anti-dilutive. For the nine months ended September 30, 2015, the fully diluted shares would have been 172.0 million.

11. DERIVATIVES AND HEDGING INSTRUMENTS

NCR is exposed to risks associated with changes in foreign currency exchange rates and interest rates. NCR utilizes a variety of measures to monitor and manage these risks, including the use of derivative financial instruments. NCR has exposure to approximately 50 functional currencies. Since a substantial portion of our operations and revenue occur outside the U.S., and in currencies other than the U.S. Dollar, our results can be significantly impacted, both positively and negatively, by changes in foreign currency exchange rates.

Foreign Currency Exchange Risk

The accounting guidance for derivatives and hedging requires companies to recognize all derivative instruments as either assets or liabilities at fair value in the Condensed Consolidated Balance Sheets. The Company designates foreign exchange contracts as cash flow hedges of forecasted transactions when they are determined to be highly effective at inception.

Our risk management strategy includes hedging, on behalf of certain subsidiaries, a portion of our forecasted, non-functional currency denominated cash flows for a period of up to 15 months. As a result, some of the impact of currency fluctuations on non-functional currency denominated transactions (and hence on subsidiary operating income, as stated in the functional currency), is mitigated in the near term. The amount we hedge and the duration of hedge contracts may vary significantly. In the longer term (greater than 15 months), the subsidiaries are still subject to the effect of translating the functional currency results to U.S. Dollars. To manage our exposures and mitigate the impact of currency fluctuations on the operations of our foreign subsidiaries, we hedge

our main transactional exposures through the use of foreign exchange forward and option contracts. This is primarily done through the hedging of foreign currency denominated inter-company inventory purchases by NCR's marketing units and the foreign currency denominated inputs to our manufacturing units. The related foreign exchange contracts are designated as highly effective cash flow hedges. The gains or losses on these hedges are deferred in accumulated other comprehensive income (AOCI) and reclassified to income when the underlying hedged transaction is recorded in earnings. As of September 30, 2016, the balance in AOCI related to foreign exchange derivative transactions was a gain of \$4 million, net of tax. The gains or losses from derivative contracts related to inventory purchases are recorded in cost of products when the inventory is sold to an unrelated third party.

We also utilize foreign exchange contracts to hedge our exposure of assets and liabilities denominated in non-functional currencies. We recognize the gains and losses on these types of hedges in earnings as exchange rates change. We do not enter into hedges for speculative purposes.

Interest Rate Risk

The Company was party to an interest rate swap agreement that fixed the interest rate on a portion of the Company's LIBOR indexed floating rate borrowings under its Senior Secured Credit Facility through August 22, 2016. The Company designated the interest rate swap as a cash flow hedge of forecasted quarterly interest payments made on three-month LIBOR indexed borrowings under the Senior Secured Credit Facility. The interest rate swap was determined to be highly effective at inception.

The following tables provide information on the location and amounts of derivative fair values in the Condensed Consolidated Balance Sheets:

	Fair Values of Derivative Instruments										
	September 30, 2016										
In millions	Balance Sheet Location	Notion: Amour				Balance Sheet Location		otional mount		'air alue	
Derivatives designated as hedging instruments											
Foreign exchange contracts	Other current assets	\$	298	\$	5	Other current liabilities	\$	72	\$	1	
Total derivatives designated as hedging instruments				\$	5				\$	1	
Derivatives not designated as hedging instruments											
Foreign exchange contracts	Other current assets	\$	153	\$		Other current liabilities	\$	208	\$	1	
Total derivatives not designated as hedging instruments										1	
Total derivatives				\$	5				\$	2	
									_		

	Fair Values of Derivative Instruments											
	December 31, 2015											
In millions	Balance Sheet Notional Fair Balance Sheet Location Amount Value Location						Notional Amount		'air alue			
Derivatives designated as hedging instruments												
Interest rate swap	Other current assets	\$		\$		Other current liabilities	\$	380	\$	3		
Foreign exchange contracts	Other current assets		53		2	Other current liabilities		105		1		
Total derivatives designated as hedging instruments				\$	2				\$	4		
Derivatives not designated as hedging instruments												
Foreign exchange contracts	Other current assets	\$	191	\$	1	Other current liabilities	\$	204	\$	1		
Total derivatives not designated as hedging instruments					1					1		
Total derivatives				\$	3				\$	5		

The effects of derivative instruments on the Condensed Consolidated Statement of Operations for the three and nine months ended September 30, 2016 and 2015 were as follows:

In millions	R Comp	nount of Recognize rehensiv on Der (Effectiv	ed in Otl e Incom ivative	ner´ e (OCI)		Recla C	Amount of ssified fro ondensed tatement o (Effectiv	m̀ AOĆI Consolid f Operat	into the lated tions		Rec Co Oper and	ognized in onsolidatec ations (In l Amount	Gain) Loss the Condense Statement o effective Port Excluded from ess Testing)	f tion
Derivatives in Cash Flow Hedging Relationships	months	ber 30,	month Septer	he three is ended nber 30, 015	Location of (Gain) Loss Reclassified from AOCI into the Condensed Consolidated Statement of Operations (Effective Portion)	mont Septe	he three For the three not sended months ended nber 30, September 30, 016 2015		is ended nber 30,	Location of (Gain) Loss Recognized in the Condensed Consolidated Statement of Operations (Ineffective Portion and Amount Excluded from Effectiveness Testing)	ed ns For the th d months en n September		For the thi months end September 2015	ded
Interest rate swap	\$	—	\$	(1)	Interest expense	\$	—	\$	2	Interest expense	\$	—	\$ -	
Foreign exchange contracts	\$	4	\$	3	Cost of products	\$	_	\$	(3)	Other (expense), net	\$	_	\$ -	
In millions	R Comp	nount of Recognize orehensiv on Der (Effectiv	ed in Otl e Incom ivative	ner e (OCI)		Recla C	Amount of ssified fro ondensed tatement o (Effectiv	m AOĆI Consolid f Operat	into the lated tions		Rec Co Oper and	ognized in onsolidated ations (In l Amount	Gain) Loss the Condense Statement o effective Port Excluded from ess Testing)	f tion
Derivatives in Cash Flow Hedging Relationships	months Septem		month Septer	he nine 1s ended nber 30, 015	Location of (Gain) Loss Reclassified from AOCI into the Condensed Consolidated Statement of Operations (Effective Portion)	mont Septe	the nine hs ended mber 30, 2016	month Septer	he nine is ended nber 30, 015	Location of (Gain) Loss Recognized in the Condensed Consolidated Statement of Operations (Ineffective Portion and Amount Excluded from Effectiveness Testing)	mont Septe	the nine hs ended mber 30, 2016	For the ni months end September 2015	ded
Interest rate swap	\$	(1)	\$	(2)	Interest expense	\$	2	\$	4	Interest expense	\$		\$-	_
Foreign exchange contracts	\$	5	\$	11	Cost of products	\$	_	\$	(7)	Other (expense), net	\$		\$ -	
In millions										Amount of Gain (Loss) F Condensed Consolidated Sta			ons	
Derivatives not Designate Instruments	d as He	dging	Loca		ain (Loss) Recognized in tl lidated Statement of Oper		lensed	Th	ree month 2016	s ended September 30 2015	Nine mo 2016		d September 3 2015	30
Foreign exchange cor	tracts	(Other (expense)) net			\$		1 \$ (1) \$			t	(2)

Concentration of Credit Risk

NCR is potentially subject to concentrations of credit risk on accounts receivable and financial instruments such as hedging instruments and cash and cash equivalents. Credit risk includes the risk of nonperformance by counterparties. The maximum potential loss may exceed the amount recognized on the Condensed Consolidated Balance Sheets. Exposure to credit risk is managed through credit approvals, credit limits, selecting major international financial institutions (as counterparties to hedging transactions) and monitoring procedures. NCR's business often involves large transactions with customers, and if one or more of those customers were to default on its obligations under applicable contractual arrangements, the Company could be exposed to potentially significant losses. However, management believes that the reserves for potential losses are adequate. As of September 30, 2016, we did not have any significant concentration of credit risk related to financial instruments.

12. FAIR VALUE OF ASSETS AND LIABILITIES

Assets and Liabilities Measured at Fair Value on a Recurring Basis

Assets and liabilities recorded at fair value on a recurring basis as of September 30, 2016 and December 31, 2015 are set forth as follows:

		6 Using				
September 30, 2016		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Unobservable Inputs (Level 3)			
\$ 2	\$	2	\$	—	\$	—
5		_		5		
\$ 7	\$	2	\$	5	\$	
\$ 2	\$	_	\$	2	\$	_
\$ 2	\$		\$	2	\$	
\$ \$ \$ \$	\$ 2 5 <u>\$</u> 7	\$ 2 \$ 5 <u>\$ 7</u> \$	Quoted Prices in Active Markets for Identical Assets (Level 1)\$2\$2\$2\$25—\$7\$2	Quoted Prices in Active Markets for Identical Assets (Level 1)\$2\$2\$\$2\$2\$\$7\$2\$	Quoted Prices in Active Markets for Identical Assets (Level 1)Significant Other Observable Inputs (Level 2)\$2\$2\$2\$555\$7\$2\$2\$5\$2\$2\$2\$2	September 30, 2016Active Markets for Identical Assets (Level 1)Significant Other Observable Inputs (Level 2)\$2\$-\$\$2\$-\$\$5-55\$7\$2\$\$\$2\$-\$\$\$2\$-\$\$\$2\$-\$\$

			Using				
In millions	December 31, 2015		Quoted Prices in Active Markets for Identical AssetsSignificant Other Observable Inputs (Level 1)(Level 1)(Level 2)			Significant Unobservable Inputs (Level 3)	
Assets:							
Deposits held in money market mutual funds (1)	\$ 3	\$	3	\$	_	\$	_
Foreign exchange contracts ⁽²⁾	3		—		3		—
Total	\$ 6	\$	3	\$	3	\$	
Liabilities:							
Interest rate swap ⁽³⁾	\$ 3	\$	_	\$	3	\$	_
Foreign exchange contracts ⁽³⁾	2		—		2		—
Total	\$ 5	\$	_	\$	5	\$	

(1) Included in Cash and cash equivalents in the Condensed Consolidated Balance Sheet.

⁽²⁾ Included in Other current assets in the Condensed Consolidated Balance Sheet.

⁽³⁾ Included in Other current liabilities in the Condensed Consolidated Balance Sheet.

Deposits Held in Money Market Mutual Funds A portion of the Company's excess cash is held in money market mutual funds which generate interest income based on prevailing market rates. Money market mutual fund holdings are measured at fair value using quoted market prices and are classified within Level 1 of the valuation hierarchy.

Interest Rate Swap As a result of our Senior Secured Credit Facility, we are exposed to risk from changes in LIBOR, which may adversely affect our financial condition. To manage our exposure and mitigate the impact of changes in LIBOR on our financial results, we previously hedged a portion of our forecasted interest payments through the use of an interest rate swap agreement. The interest rate swap, which matured during the three months ended September 30, 2016, was valued using the income approach inclusive of nonperformance and counterparty risk considerations and was classified within Level 2 of the valuation hierarchy.

Foreign Exchange Contracts As a result of our global operating activities, we are exposed to risks from changes in foreign currency exchange rates, which may adversely affect our financial condition. To manage our exposures and mitigate the impact of currency fluctuations on our financial results, we hedge our primary transactional exposures through the use of foreign exchange forward and option contracts. The foreign exchange contracts are valued using the market approach based on observable market transactions of forward rates and are classified within Level 2 of the valuation hierarchy.

Assets Measured at Fair Value on a Non-recurring Basis

From time to time, certain assets are measured at fair value on a nonrecurring basis using significant unobservable inputs (Level 3). NCR reviews the carrying values of investments when events and circumstances warrant and considers all available evidence in evaluating when declines in fair value are other-than-temporary declines. Other than the impairment charge described in Note 4, "Restructuring Plan," no impairment charges or material non-recurring fair value adjustments were recorded during the three and nine months ended September 30, 2016 and 2015.

13. SEGMENT INFORMATION AND CONCENTRATIONS

The Company manages and reports the following three segments:

- Software Our software solutions include our automated teller machine (ATM) software application suite, cash management and video banking software, check and image processing software and customer-facing digital banking solutions. We offer an omni-channel retail software platform with a comprehensive suite of software applications, including point-of-sale (POS) software, and a suite of software applications for hospitality POS operations, and kitchen and restaurant management. We also offer other cloud (or software-as-a-service) solutions, hosted services, and online, mobile and transactional services and applications such as bill pay. Additionally, we provide ongoing software support and maintenance services, as well as consulting and implementation services for our software solutions.
- Services Our service solutions include maintenance and repair services for our hardware solutions as well as for third party products, and support services for our hardware solutions. Additionally, we provide managed services as well as other services, including site assessment and preparation, staging, installation and implementation and systems management services.
- Hardware Our hardware solutions include a comprehensive line of ATMs, self-checkout (SCO), and mobile and other point of sale (POS) products. Additionally, we also offer printer consumables.

These segments represent components of the Company for which separate financial information is available that is utilized on a regular basis by the chief operating decision maker in assessing segment performance and in allocating the Company's resources. Management evaluates the performance of the segments based on revenue and segment operating income. Assets are not allocated to segments, and thus are not included in the assessment of segment performance, and consequently, we do not disclose total assets by reportable segment.

The accounting policies used to determine the results of the operating segments are the same as those utilized for the condensed consolidated financial statements as a whole. Intersegment sales and transfers are not material.

To maintain operating focus on business performance, non-operational items are excluded from the segment operating results utilized by our chief operating decision maker in evaluating segment performance and are separately delineated to reconcile back to total reported income from operations.

The following table presents revenue and operating income by segment:

	Three months ended September 30					Nine months end	ded September 30	
In millions	2016 2015				2016	2015		
Revenue by segment								
Software	\$	468	\$	434	\$	1,339	\$	1,288
Services		591		563		1,708		1,628
Hardware		618		616		1,694		1,777
Consolidated revenue		1,677		1,613		4,741		4,693
Operating income by segment								
Software		146		135		405		382
Services		56		49		139		133
Hardware ⁽¹⁾		28		30		32		45
Subtotal - segment operating income		230		214		576		560
Other adjustments ⁽²⁾		41		46		123		563
Income from operations	\$	189	\$	168	\$	453	\$	(3)

⁽¹⁾ On May 27, 2016, NCR completed the sale of all but the Middle East and Africa (MEA) assets of its Interactive Printer Solutions (IPS) business to Atlas Holdings LLC. The sale included all dedicated assets of the IPS division worldwide, other than in the MEA region. Accordingly, the revenue and operating income results exclude the results of the IPS operations, except for the IPS MEA operations, from May 27, 2016 through the end of the third quarter of 2016.

⁽²⁾ The following table presents the other adjustments for NCR:

	T	hree months en	ded Se	eptember 30	 Nine months end	ded September 30	
In millions		2016		2015	2016		2015
Restructuring / transformation costs	\$	8	\$	12	\$ 23	\$	36
Acquisition-related amortization of intangible assets		31		31	95		94
Acquisition-related costs		2		2	5		7
OFAC and FCPA investigations		_					1
Pension mark-to-market adjustments		_		1	_		425
Total other adjustments	\$	41	\$	46	\$ 123	\$	563

The following table presents revenue from products and services for NCR:

	Th	ree months en	ided Sept	tember 30	 Nine months en	ded September 30		
In millions		2016		2015	2016	2015		
Product revenue	\$	708	\$	688	\$ 1,932	\$	1,995	
Professional services and installation services revenue		266		242	729		676	
Recurring revenue, including maintenance and cloud revenue		703		683	2,080		2,022	
Total revenue	\$	1,677	\$	1,613	\$ 4,741	\$	4,693	



14. ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) (AOCI)

Changes in AOCI by Component

In millions	cy Translation	Changes in Employee Benefit Plans	Changes in Fair Value of Effective Cash Flow Hedges	Total
Balance as of December 31, 2015	\$ (172) \$	23	\$ (1) \$	(150)
Other comprehensive (loss) before reclassifications	(16)		3	(13)
Amounts reclassified from AOCI	—	(11)	2	(9)
Net current period other comprehensive (loss) income	 (16)	(11)	5	(22)
Balance as of September 30, 2016	\$ (188) \$	12	\$ 4 \$	(172)

Reclassifications Out of AOCI

	 For the th	ree months ended Sept	ember 30, 2016	
	Employee Benefit Pl	ans		
In millions			e Cash Flow edges	Total
Affected line in Condensed Consolidated Statement of Operations:				
Cost of services	\$ (1) \$	(3) \$	— \$	(4)
Selling, general and administrative expenses	1	(1)		
Total before tax	\$ — \$	(4) \$	— \$	(4)
Tax expense				2
Total reclassifications, net of tax			\$	(2)

	For the three months ended September 30, 2015										
	Employee	Benefit Plans									
In millions	Actuarial Losses Recognized	Amortization of Prior Service Benefit	Effective Cash Flow Hedges	Total							
Affected line in Condensed Consolidated Statement of Operations:											
Cost of products	—	\$ (1)	\$ (3)	\$ (4)							
Cost of services	—	(3)		(3)							
Selling, general and administrative expenses	1	—	—	1							
Research and development expenses	—	(1)	—	(1)							
Interest expense	—	_	2	2							
Total before tax	\$ 1	\$ (5)	\$ (1)	\$ (5)							
Tax expense				2							
Total reclassifications, net of tax				\$ (3)							

		Fo	or the nine mont	hs ended September	30, 2016	
		Employee Benefit F	Plans			
In millions			rtization of E ervice Benefit	Effective Cash Flow Hedges		Total
Affected line in Condensed Consolidated Statement of Operations:						
Cost of services	\$	(1) \$	(8) \$		\$	(9)
Selling, general and administrative expenses		_	(4)			(4)
Research and development expenses		—	(2)	—		(2)
Interest expense		—		2		2
Total before tax	\$	(1) \$	(14) \$	2	\$	(13)
Tax expense						4
Total reclassifications, net of tax					\$	(9)

	 For the ni	ne months ended Se	ptember 30, 2015	
	Employee Benefit Pla	ans		
In millions		tization of Effec rvice Benefit	tive Cash Flow Hedges	Total
Affected line in Condensed Consolidated Statement of Operations:				
Cost of products	\$ — \$	(1) \$	(7) \$	(8)
Cost of services	1	(8)	—	(7)
Selling, general and administrative expenses	1	(5)	_	(4)
Research and development expenses	—	(2)	—	(2)
Interest expense	—	—	4	4
Total before tax	\$ 2 \$	(16) \$	(3) \$	(17)
Tax expense				6
Total reclassifications, net of tax			\$	(11)

15. SUPPLEMENTAL FINANCIAL INFORMATION

The components of accounts receivable are summarized as follows:

Septer	1ber 30, 2016	Decem	mber 31, 2015	
\$	1,372	\$	1,259	
	56		39	
	1,428		1,298	
	(41)		(47)	
\$	1,387	\$	1,251	
		56 1,428 (41)	\$ 1,372 \$ <u>56</u> 1,428 (41)	

The components of inventory are summarized as follows:

In millions	Septem	ıber 30, 2016	Decem	ber 31, 2015
Inventories				
Work in process and raw materials	\$	176	\$	137
Finished goods		205		129
Service parts		395		377
Total inventories	\$	776	\$	643

The components of other current assets are summarized as follows:

In millions	September 30, 20	16	December 31, 2	:015
Other current assets				
Held for sale assets	\$		\$	89
Other		270		238
Total other current assets	\$	270	\$	327

16. CONDENSED CONSOLIDATING SUPPLEMENTAL GUARANTOR INFORMATION

The Company's 5.00% Notes, 4.625% Notes, 5.875% Notes and 6.375% Notes are guaranteed by the Company's subsidiary, NCR International, Inc. (Guarantor Subsidiary), which is 100% owned by the Company and has guaranteed fully and unconditionally the obligations to pay principal and interest for these senior unsecured notes. The guarantees are subject to release under certain circumstances as described below:

- the designation of the Guarantor Subsidiary as an unrestricted subsidiary under the indenture governing the notes;
- the release of the Guarantor Subsidiary from its guarantee under the Senior Secured Credit Facility;
- the release or discharge of the indebtedness that required the guarantee of the notes by the Guarantor Subsidiary;
- the permitted sale or other disposition of the Guarantor Subsidiary to a third party; and
- the Company's exercise of its legal defeasance option of its covenant defeasance option under the indenture governing the notes.

Refer to Note 3, "Debt Obligations," for additional information.

In connection with the previously completed registered exchange offers for the 5.00% Notes, 4.625% Notes, 5.875% Notes and 6.375% Notes, the Company is required to comply with Rule 3-10 of SEC Regulation S-X (Rule 3-10), and has therefore included the accompanying Condensed Consolidating Financial Statements in accordance with Rule 3-10(f) of SEC Regulation S-X.

The following supplemental information sets forth, on a consolidating basis, the condensed statements of operations and comprehensive income (loss), the condensed balance sheets and the condensed statements of cash flows for the parent issuer of these senior unsecured notes, for the Guarantor Subsidiary and for the Company and all of its consolidated subsidiaries. As of January 1, 2016, certain non-guarantor subsidiaries were acquired by, and merged into, the parent issuer. Accordingly, all prior period condensed consolidating guarantor financial statements were updated to reflect the mergers.

Condensed Consolidating Statements of Operations and Comprehensive Income (Loss) For the three months ended September 30, 2016

(in millions)	1	Parent Issuer		Guarantor Subsidiary	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Product revenue	\$	352	\$	15	\$ 441	\$ (100)	\$ 708
Service revenue		410		9	550		969
Total revenue		762		24	991	 (100)	 1,677
Cost of products		277		14	337	(100)	528
Cost of services		321		3	348		672
Selling, general and administrative expenses		114		1	110		225
Research and development expenses		26			30		56
Restructuring-related charges		4			3		7
Total operating expenses		742		18	828	 (100)	 1,488
Income (loss) from operations		20		6	163		189
Interest expense		(40)			(18)	17	(41)
Other (expense) income, net		10		(6)	5	(17)	(8)
Income (loss) from continuing operations before income taxes		(10)		_	 150	 	 140
Income tax expense (benefit)		2		7	22	_	31
Income (loss) from continuing operations before earnings in subsidiaries	3	(12)		(7)	 128	 	 109
Equity in earnings of consolidated subsidiaries		119		115	_	(234)	_
Income (loss) from continuing operations		107	-	108	128	 (234)	 109
Income (loss) from discontinued operations, net of tax		(2)		_	_	_	(2)
Net income (loss)	\$	105	\$	108	\$ 128	\$ (234)	\$ 107
Net income (loss) attributable to noncontrolling interests					2		2
Net income (loss) attributable to NCR	\$	105	\$	108	\$ 126	\$ (234)	\$ 105
Total comprehensive income (loss)		109		104	 133	 (236)	 110
Less comprehensive income (loss) attributable to noncontrolling interests		_		_	1	_	1
Comprehensive income (loss) attributable to NCR common stockholders	\$	109	\$	104	\$ 132	\$ (236)	\$ 109

Condensed Consolidating Statements of Operations and Comprehensive Income (Loss) For the three months ended September 30, 2015

(in millions)	Pa	arent Issuer	Guarantor Subsidiary		Non-Guarantor Subsidiaries		Eliminations		Consolidated
Product revenue	\$	301	\$ 32	\$	703	\$	(348)	\$	688
Service revenue		394	8		523				925
Total revenue		695	 40		1,226		(348)		1,613
Cost of products		224	13		623		(348)		512
Cost of services		282	3		359		_		644
Selling, general and administrative expenses		122	1		101		—		224
Research and development expenses		32	—		21		—		53
Restructuring-related charges		7	—		5		—		12
Total operating expenses		667	 17		1,109		(348)		1,445
Income (loss) from operations		28	23		117				168
Interest expense		(41)	—		(19)		18		(42)
Other (expense) income, net		13	—		(2)		(18)		(7)
Income (loss) from continuing operations before income									
taxes		—	23		96		—		119
Income tax expense (benefit)		(10)	 14		12				16
Income (loss) from continuing operations before earnings in subsidiaries	;	10	9		84		_		103
Equity in earnings of consolidated subsidiaries		93	113		—		(206)		_
Income (loss) from continuing operations		103	122		84		(206)		103
Income (loss) from discontinued operations, net of tax		(5)	—		1		—		(4)
Net income (loss)	\$	98	\$ 122	\$	85	\$	(206)	\$	99
Net income (loss) attributable to noncontrolling interests			—		1				1
Net income (loss) attributable to NCR	\$	98	\$ 122	\$	84	\$	(206)	\$	98
Total comprehensive income (loss)		60	 50	_	45	_	(98)	_	57
Less comprehensive income (loss) attributable to noncontrolling interests		_	_		(3)		_		(3)
Comprehensive income (loss) attributable to NCR									
common stockholders	\$	60	\$ 50	\$	48	\$	(98)	\$	60



Condensed Consolidating Statements of Operations and Comprehensive Income (Loss) For the nine months ended September 30, 2016

(in millions)	Pare	ent Issuer	Guarantor Subsidiary	Non-Guarantor Subsidiaries		Eliminations	Consolidated
Product revenue	\$	898	\$ 70	\$ 1,234	\$	(270)	\$ 1,932
Service revenue		1,177	26	1,606		—	2,809
Total revenue		2,075	96	 2,840		(270)	4,741
Cost of products		701	30	 1,026		(270)	 1,487
Cost of services		885	9	1,057			1,951
Selling, general and administrative expenses		361	3	314			678
Research and development expenses		83		76			159
Restructuring-related charges		10		3			13
Total operating expenses		2,040	 42	 2,476		(270)	 4,288
Income (loss) from operations		35	 54	 364			453
Interest expense		(126)		(56)		52	(130)
Other (expense) income, net		35	(11)	(5)		(52)	(33)
Income (loss) from continuing operations before income taxes		(56)	 43	 303			 290
Income tax expense (benefit)		(19)	32	62			75
Income (loss) from continuing operations before		(1))	 	 			 15
earnings in subsidiaries		(37)	11	241			215
Equity in earnings of consolidated subsidiaries		252	252			(504)	—
Income (loss) from continuing operations		215	263	 241		(504)	215
Income (loss) from discontinued operations, net of tax		(2)					(2)
Net income (loss)	\$	213	\$ 263	\$ 241	\$	(504)	\$ 213
Net income (loss) attributable to noncontrolling interests		—		—		—	—
Net income (loss) attributable to NCR	\$	213	\$ 263	\$ 241	\$	(504)	\$ 213
Total comprehensive income (loss)		191	 209	 208	_	(424)	 184
Less comprehensive income (loss) attributable to noncontrolling interests		_	 _	(7)	_	_	(7)
Comprehensive income (loss) attributable to NCR common stockholders	\$	191	\$ 209	\$ 215	\$	(424)	\$ 191

Condensed Consolidating Statements of Operations and Comprehensive Income (Loss) For the nine months ended September 30, 2015

(in millions)	Pa	rent Issuer	Guarantor Subsidiary	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Product revenue	\$	878	\$ 78	\$ 1,599	\$ (560)	\$ 1,995
Service revenue		1,109	23	1,566	_	2,698
Total revenue		1,987	 101	 3,165	 (560)	 4,693
Cost of products		683	 32	 1,384	 (560)	 1,539
Cost of services		792	8	1,361	_	2,161
Selling, general and administrative expenses		350	4	434	—	788
Research and development expenses		76		99		175
Restructuring-related charges		14		19		33
Total operating expenses		1,915	44	3,297	(560)	 4,696
Income (loss) from operations		72	57	 (132)		 (3)
Interest expense		(128)		(58)	55	(131)
Other (expense) income, net		33	2	6	(55)	(14)
Income (loss) from continuing operations before income						
taxes		(23)	59	(184)	—	(148)
Income tax expense (benefit)		(9)	 30	 29	 	 50
Income (loss) from continuing operations before earnings in subsidiaries		(14)	29	(213)	_	(198)
Equity in earnings of consolidated subsidiaries		(187)	(190)	—	377	—
Income (loss) from continuing operations		(201)	 (161)	 (213)	 377	(198)
Income (loss) from discontinued operations, net of tax		(5)		1	_	(4)
Net income (loss)	\$	(206)	\$ (161)	\$ (212)	\$ 377	\$ (202)
Net income (loss) attributable to noncontrolling interests		_		4	_	4
Net income (loss) attributable to NCR	\$	(206)	\$ (161)	\$ (216)	\$ 377	\$ (206)
Total comprehensive income (loss)		(245)	 (196)	 (264)	 457	 (248)
Less comprehensive income (loss) attributable to noncontrolling interests		_	_	(3)	_	(3)
Comprehensive income (loss) attributable to NCR common stockholders	\$	(245)	\$ (196)	\$ (261)	\$ 457	\$ (245)

Condensed Consolidating Balance Sheet

September 30, 2016

(in millions)	Parent Issuer		Guarantor Subsidiary		Non-Guarantor Subsidiaries		Eliminations	Consolidated	
Assets									
Current assets									
Cash and cash equivalents	\$	12	\$ 13	\$	293	\$		\$ 318	
Accounts receivable, net		50	26		1,311			1,387	
Inventories		289	6		481			776	
Due from affiliates		620	1,417		526		(2,563)	_	
Other current assets		118	34		186		(68)	270	
Total current assets		1,089	1,496		2,797		(2,631)	 2,751	
Property, plant and equipment, net		124	 1		164			 289	
Goodwill		988	_		1,749		_	2,737	
Intangibles, net		183			521		_	704	
Prepaid pension cost		—	_		132		_	132	
Deferred income taxes		442	152		81		(129)	546	
Investments in subsidiaries		3,434	1,585				(5,019)	_	
Due from affiliates		1,054	18		37		(1,109)	_	
Other assets		390	58		104		_	552	
Total assets	\$	7,704	\$ 3,310	\$	5,585	\$	(8,888)	\$ 7,711	
				-		_			
Liabilities and stockholders' equity									
Current liabilities									
Short-term borrowings	\$	46	\$ 	\$	210	\$		\$ 256	
Accounts payable		287	1		430			718	
Payroll and benefits liabilities		108	1		103			212	
Deferred service revenue and customer deposits		188	10		273			471	
Due to affiliates		1,817	129		617		(2,563)	_	
Other current liabilities		158	1		254		(68)	345	
Total current liabilities		2,604	 142		1,887		(2,631)	2,002	
Long-term debt		3,028	 _		5			 3,033	
Pension and indemnity plan liabilities		448			261			709	
Postretirement and postemployment benefits liabilities		26	2		99			127	
Income tax accruals		14	13		142			169	
Due to affiliates		17	37		1,055		(1,109)	_	
Other liabilities		60	11		209		(129)	151	
Total liabilities		6,197	 205	_	3,658		(3,869)	 6,191	
Redeemable noncontrolling interest		_	 _		10			10	
Series A convertible preferred stock		835	_		_			835	
Stockholders' equity									
Total NCR stockholders' equity		672	3,105		1,914		(5,019)	672	
Noncontrolling interests in subsidiaries			_		3			3	
Total stockholders' equity	_	672	 3,105		1,917		(5,019)	 675	
Total liabilities and stockholders' equity	\$	7,704	\$ 3,310	\$	5,585	\$	(8,888)	\$ 7,711	

Condensed Consolidating Balance Sheet

December 31, 2015

(in millions)	Parent Issuer		Guarantor Subsidiary		Non-Guarantor Subsidiaries	Eliminations			Consolidated
Assets									
Current assets									
Cash and cash equivalents	\$	15	\$ 20		293	\$	_	\$	328
Accounts receivable, net		94	33		1,124		_		1,251
Inventories		233	6		404				643
Due from affiliates		571	1,325		286		(2,182)		—
Other current assets		129	31		206		(39)		327
Total current assets		1,042	1,415		2,313		(2,221)		2,549
Property, plant and equipment, net		140	 1		181				322
Goodwill		979	_		1,754		_		2,733
Intangibles, net		212	_		586		_		798
Prepaid pension cost		_	_		130		_		130
Deferred income taxes		475	152		84		(129)		582
Investments in subsidiaries		3,173	1,449		_		(4,622)		_
Due from affiliates		1,072	17		38		(1,127)		_
Other assets		362	55		104		_		521
Total assets	\$	7,455	\$ 3,089	\$	5,190	\$	(8,099)	\$	7,635
Liabilities and stockholders' equity									
Current liabilities									
Short-term borrowings	\$	4	\$ _	\$	9	\$		\$	13
Accounts payable		280			377				657
Payroll and benefits liabilities		94	1		94				189
Deferred service revenue and customer deposits		180	24		272		_		476
Due to affiliates		1,405	137		640		(2,182)		—
Other current liabilities		215	3		267		(39)		446
Total current liabilities		2,178	165		1,659		(2,221)		1,781
Long-term debt		3,229	 		10				3,239
Pension and indemnity plan liabilities		433			263				696
Postretirement and postemployment benefits liabilities		27	3		103		_		133
Income tax accruals		14	13		140				167
Due to affiliates		18	37		1,072		(1,127)		_
Other liabilities		38	_		170		(129)		79
Total liabilities		5,937	 218		3,417		(3,477)		6,095
Redeemable noncontrolling interest			 		16				16
Series A convertible preferred stock		798	_		_		_		798
Stockholders' equity									
Total NCR stockholders' equity		720	2,871		1,751		(4,622)		720
Noncontrolling interests in subsidiaries					6				6
Total stockholders' equity		720	 2,871	_	1,757		(4,622)		726
Total liabilities and stockholders' equity	\$	7,455	\$ 3,089	\$	5,190	\$	(8,099)	\$	7,635

Condensed Consolidating Statement of Cash Flows For the nine months ended September 30, 2016

(in millions)	Parent Issuer	Guarantor Subsidiary	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net cash provided by (used in) operating activities	\$ 359	\$ (103)	\$ 116	\$ (3)	\$ 369
Investing activities					
Expenditures for property, plant and equipment	(16)	—	(29)		(45)
Additions to capitalized software	(70)	—	(45)		(115)
Proceeds from (payments of) intercompany notes	166	98		(264)	—
Investments in equity affiliates	(9)	—	—	9	—
Proceeds from divestiture	22	_	25	_	47
Other investing activities, net	(8)	_			(8)
Net cash provided by (used in) investing activities	85	98	(49)	(255)	(121)
Financing activities					
Short term borrowings, net	(4)		2	_	(2)
Payments on term credit facilities	(78)	—	(6)		(84)
Payments on revolving credit facilities	(656)		(80)	_	(736)
Borrowings on revolving credit facilities	576	_	280		856
Repurchase of Company common stock	(250)	_	—	_	(250)
Debt issuance cost	(8)	_			(8)
Proceeds from employee stock plans	10	—		_	10
Other financing activities		_	(2)		(2)
Equity contribution		—	9	(9)	_
Dividend distribution to consolidated subsidiaries		_	(3)	3	—
Borrowings (repayments) of intercompany notes		—	(264)	264	
Tax withholding payments on behalf of employees	(7)	—	—		(7)
Net cash provided by (used in) financing activities	(417)		(64)	258	(223)
Cash flows from discontinued operations					
Net cash used in operating activities	(30)	—		_	(30)
Effect of exchange rate changes on cash and cash equivalents	_	(2)	(3)	_	(5)
Increase (decrease) in cash and cash equivalents	(3)	(7)			(10)
Cash and cash equivalents at beginning of period	15	20	293	_	328
Cash and cash equivalents at end of period	\$ 12	\$ 13	\$	<u> </u>	\$ 318

Condensed Consolidating Statement of Cash Flows For the nine months ended September 30, 2015

(in millions)		Parent Issuer	Guarantor Subsidiary	Non-Guarantor Subsidiaries	Eliminations	Consolidated
Net cash provided by (used in) operating activities	\$	235	\$ (226)	\$ 451	\$ (44)	\$ 416
Investing activities						
Expenditures for property, plant and equipment		(16)	_	(31)	_	(47)
Additions to capitalized software		(72)	_	(45)		(117)
Proceeds from (payments of) intercompany notes		169	227	_	(396)	_
Investments in equity affiliates		(1)	_		1	_
Other investing activities, net		(7)	_	7	_	_
Net cash provided by (used in) investing activities		73	 227	 (69)	 (395)	 (164)
Financing activities						
Payments on term credit facilities		(307)	_	(5)	_	(312)
Payments on revolving credit facilities		(404)	_	(573)		(977)
Borrowings on revolving credit facilities		404	_	477	_	881
Proceeds from employee stock plans		12	_	_		12
Equity contribution		—		1	(1)	_
Dividend distribution to consolidated subsidiaries			_	(44)	44	_
Borrowings (repayments) of intercompany notes			_	(396)	396	_
Tax withholding payments on behalf of employees		(10)	_	_		(10)
Net cash provided by (used in) financing activities		(305)	 	(540)	439	(406)
Cash flows from discontinued operations						
Net cash used in operating activities		(27)	_			(27)
Effect of exchange rate changes on cash and cash						
equivalents			 	 (27)	 —	 (27)
Increase (decrease) in cash and cash equivalents		(24)	1	(185)		(208)
Cash and cash equivalents at beginning of period	_	44	9	 458		 511
Cash and cash equivalents at end of period	\$	20	\$ 10	\$ 273	\$ _	\$ 303

Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (MD&A)

<u>Overview</u>

The following were the significant events for the third quarter of 2016, each of which is discussed more fully in later sections of this MD&A:

- Revenue increased approximately 4% from the prior year period, and increased 10% excluding unfavorable foreign currency impacts and adjusting for the divestiture of our Interactive Printer Solutions (IPS) business; and
- Software revenue increased 8% from the prior year period, driven by software license growth of 25% and cloud growth of 7%.

Our long-term strategy is built on being a global technology solutions company that uses software and value-added endpoints, coupled with higher-margin services and a focus on cloud and mobile, to help our customers deliver a rich, integrated and personalized experience to consumers across commerce channels. To execute this strategy, in 2016 we remain focused on evolving our software business model, sales enablement, services transformation, investing in innovation and cultivating our culture and team.

- *Evolving our Business Model* Shifting our business model to focus on growth of higher margin software and services revenue to grow our recurring revenue streams, and strengthen our long-term foundation.
- Sales Enablement Developing a sales force enabled with a consultative selling model, supported by service teams and focused on delivery and customer interactions to leverage the innovative solutions we are bringing to market and gain share.
- Services Transformation Enhancing our global service capability by improving our service positioning, increasing customer service attach rates for our products, improving profitability in our services business and aligning our services capability to support our solutions.
- Investing in Innovation Optimizing our investments in areas with the greatest potential for profitable growth, such as cloud solutions and professional, managed and other services.
- Cultivating our Culture and Team Organizing and recruiting with an eye toward the future, and investing in, training and developing our employees to accelerate the delivery of our innovative solutions and to focus on the needs of our customers and changes in consumer behavior.

We plan, in pursuing our strategy, to continue to manage our costs effectively, including through our business transformation initiative and our restructuring program, to selectively pursue strategic acquisitions that promote growth and improve gross margin, and to selectively penetrate market adjacencies in single and emerging growth industry segments.

Potentially significant risks to the execution of our initiatives include domestic and global economic and credit conditions including, in particular, market conditions and spending trends in the financial services industry; fluctuations in oil and commodity prices and their effects on local, regional and global market conditions; economic and market conditions in Russia, China and emerging markets, and the determination by the United Kingdom to exit the European Union and further potential changes in Eurozone participation; continued strengthening of the U.S. Dollar resulting in unfavorable foreign currency impacts; collectability difficulties in subcontracting relationships in emerging markets; competition that can drive further price erosion and the potential loss of market share; difficulties associated with the introduction of products in new self-service markets; market adoption of our products by customers; and management and servicing of our existing indebtedness.

Results from Operations

Three and Nine Months Ended September 30, 2016 Compared to Three and Nine Months Ended September 30, 2015

The following table shows our results for the three and nine months ended September 30:

	Three months ended September 30					Nine months ended September 30			
In millions	20			2015	2016			2015	
Revenue	\$	1,677	\$	1,613	\$	4,741	\$	4,693	
Gross margin	\$	477	\$	457	\$	1,303	\$	993	
Gross margin as a percentage of revenue	28.4% 28.3%			27.5%		21.2%			
Operating expenses									
Selling, general and administrative expenses	\$	225	\$	224	\$	678	\$	788	
Research and development expenses		56		53		159		175	
Restructuring-related charges		7		12		13		33	
Income (loss) from operations	\$	189	\$	168	\$	453	\$	(3)	

The following table shows our revenue by region for the three months ended September 30:

In millions	2016	% of Total	2015	% of Total	% Increase (Decrease)	% Increase (Decrease) Adjusted Constant Currency ⁽¹⁾
Americas	\$ 986	58%	\$ 899	56%	10%	15%
Europe, Middle East Africa (EMEA)	464	28%	489	30%	(5)%	6%
Asia Pacific (APJ)	227	14%	225	14%	1%	(2)%
Consolidated revenue	\$ 1,677	100%	\$ 1,613	100%	4%	10%

The following table shows our revenue by region for the nine months ended September 30:

In millions	2016	% of Total	2015	% of Total	% Increase (Decrease)	% Increase (Decrease) Adjusted Constant Currency ⁽¹⁾
Americas	\$ 2,724	58%	\$ 2,576	55%	6%	9%
Europe, Middle East Africa (EMEA)	1,368	28%	1,434	31%	(5)%	1%
Asia Pacific (APJ)	649	14%	683	14%	(5)%	(5)%
Consolidated revenue	\$ 4,741	100%	\$ 4,693	100%	1%	5%

The following table shows our revenue by segment for the three months ended September 30:

In millions	2016	% of Total	2015	% of Total	% Increase (Decrease)	% Increase (Decrease) Adjusted Constant Currency ⁽¹⁾
Software	\$ 468	28%	\$ 434	27%	8%	7%
Services	591	35%	563	35%	5%	6%
Hardware	618	37%	616	38%	%	16%
Consolidated revenue	\$ 1,677	100%	\$ 1,613	100%	4%	10%

The following table shows our revenue by segment for the nine months ended September 30:

In millions	2016	% of Total	2015	% of Total	% Increase (Decrease)	% Increase (Decrease) Adjusted Constant Currency ⁽¹⁾
Software	\$ 1,339	28%	\$ 1,288	27%	4%	4%
Services	1,708	36%	1,628	35%	5%	7%
Hardware	1,694	36%	1,777	38%	(5)%	3%
Consolidated revenue	\$ 4,741	100%	 4,693	100%	1%	5%

⁽¹⁾ The tables above each include a presentation of period-over-period revenue growth or decline on an adjusted constant currency basis, which is a non-GAAP measure that excludes the effects of foreign currency fluctuations and the impact of the IPS divestiture. We calculate this information by translating prior period revenue growth at current period monthly average exchange rates and by excluding the prior period results of the divested IPS business for the comparable period after the completion of the sale. We believe that examining period-over-period revenue growth or decline excluding foreign currency fluctuations and adjusting for the impact of the IPS divestiture is useful for assessing the underlying performance of our business, and our management uses revenue growth adjusted for constant currency and the impact of the IPS divestiture to evaluate period-over-period operating performance. This non-GAAP measure should not be considered a substitute for, or superior to, period-over-period revenue growth under GAAP.

The following table provides a reconciliation of region revenue % growth (GAAP) to revenue % growth adjusted constant currency (non-GAAP) for the three and nine months ended September 30:

		Three months ende	ed September 3	0		Nine months ende	d September 30)
	Revenue % Growth (GAAP)	Favorable (unfavorable) FX impact	Divestiture impact	Revenue % Growth Adjusted Constant Currency (non- GAAP)	Revenue % Growth (GAAP)	Favorable (unfavorable) FX impact	Divestiture impact	Revenue % Growth Adjusted Constant Currency (non- GAAP)
Americas	10%	1%	(6)%	15%	6%	%	(3)%	9%
EMEA	(5)%	(6)%	(5)%	6%	(5)%	(4)%	(2)%	1%
APJ	1%	7%	(4)%	(2)%	(5)%	1%	(1)%	(5)%
Consolidated revenue	4%	<u> %</u>	(6)%	10%	1%	(1)%	(3)%	5%

The following table provides a reconciliation of segment revenue % growth (GAAP) to revenue % growth adjusted constant currency (non-GAAP) for the three and nine months ended September 30:

		Three months ende	ed September 30)		Nine months ende	d September 30)
	Revenue % Growth (GAAP)	Favorable (unfavorable) FX impact	Divestiture impact	Revenue % Growth Adjusted Constant Currency (non- GAAP)	Revenue % Growth (GAAP)	Favorable (unfavorable) FX impact	Divestiture impact	Revenue % Growth Adjusted Constant Currency (non- GAAP)
Software	8%	1%	%	7%	4%	%	%	4%
Services	5%	(1)%	%	6%	5%	(2)%	%	7%
Hardware	%	(1)%	(15)%	16%	(5)%	(1)%	(7)%	3%
Consolidated Revenue	4%	%	(6)%	10%	1%	(1)%	(3)%	5%

Revenue

For the three months ended September 30, 2016 compared to the three months ended September 30, 2015, revenue increased 4%, and increased 10% on an adjusted constant currency basis, which excludes the impact of foreign currency and the impact of the IPS divestiture. Revenue increased in the three months ended September 30, 2016 due to growth in the Americas region. In the Americas region, the revenue increase was driven by growth in all operating segments.

The increase in Software revenue was driven by growth in software license, cloud and software maintenance revenue. The increase in Services revenue was driven by growth in both implementation services and hardware maintenance revenue. The slight increase

in Hardware revenue was driven by growth in ATM revenue, self-checkout revenue and point-of-sale revenue partially offset by declines in IPS revenue as a result of the divestiture.

For the nine months ended September 30, 2016 compared to the nine months ended September 30, 2015, revenue increased 1% and increased 5% on an adjusted constant currency basis. Revenue increased in the nine months ended September 30, 2016 primarily due to growth in the Americas region, partially offset by declines in certain countries in the EMEA and APJ regions. In the Americas region, the revenue increase was driven by growth in all operating segments.

The increase in Software revenue was driven primarily by growth in software maintenance and software license revenue, and to a lesser extent by an increase in cloud and professional services revenue. The increase in Services revenue was driven by growth in implementation services and hardware maintenance revenue. The decrease in Hardware revenue was driven by declines in ATM revenue, point-of-sale revenue and IPS revenue as a result of the divestiture, partially offset by growth in self-checkout revenue.

Gross Margin

Gross margin as a percentage of revenue in the three months ended September 30, 2016 was 28.4% compared to 28.3% in the three months ended September 30, 2015. Gross margin as a percentage of revenue increased primarily due to Software revenue growth and improved productivity, especially in the Services business.

Gross margin as a percentage of revenue in the nine months ended September 30, 2016 was 27.5% compared to 21.2% in the nine months ended September 30, 2015. Gross margin in the nine months ended September 30, 2015 included \$302 million of pension mark-to-market adjustments, which primarily included the settlement of the UK London pension plan. Excluding this item, gross margin as a percentage of revenue decreased slightly primarily due to higher initial expenses associated with the roll-out of a new ATM product family and macroeconomic challenges in certain countries.

Operating Expenses

Selling, general and administrative expenses were \$225 million, or 13.4% as a percentage of revenue, in the three months ended September 30, 2016 as compared to \$224 million, or 13.9% as a percentage of revenue, in the three months ended September 30, 2015. Selling, general and administrative expenses in the three months ended September 30, 2016 included \$17 million of acquisition-related amortization of intangibles, \$1 million of costs relating to our business transformation initiative and \$2 million of acquisition-related costs. Selling, general, and administrative expenses in the three months ended September 30, 2015 included \$16 million of acquisition-related amortization of intangibles and \$2 million of acquisition-related costs. Excluding these items, selling, general and administrative expenses as a percentage of revenue decreased due to overall cost containment.

Selling, general and administrative expenses were \$678 million, or 14.3% as a percentage of revenue, in the nine months ended September 30, 2016 as compared to \$788 million, or 16.8% as a percentage of revenue, in the nine months ended September 30, 2015. Selling, general and administrative expenses in the nine months ended September 30, 2016 included \$50 million of acquisition-related amortization of intangibles, \$6 million of costs relating to our business transformation initiative and \$5 million of acquisition-related costs. Selling, general, and administrative expenses in the nine months ended \$113 million of costs related to pension mark-to-market adjustments, which primarily included the settlement of the UK London pension plan, \$47 million of acquisition-related amortization of acquisition-related costs. Excluding these items, selling, general and administrative expenses as a percentage of revenue decreased due to overall cost containment.

Research and development expenses were \$56 million, or 3.3% as a percentage of revenue, in the three months ended September 30, 2016 as compared to \$53 million, or 3.3% as a percentage of revenue, in the three months ended September 30, 2015.

Research and development expenses were \$159 million, or 3.4% as a percentage of revenue, in the nine months ended September 30, 2016 as compared to \$175 million, or 3.7% as a percentage of revenue, in the nine months ended September 30, 2015. Research and development expenses in the nine months ended September 30, 2015 included \$10 million of costs related to pension mark-to-market adjustments, which primarily included the settlement of the UK London pension plan. Excluding these costs, research and development expenses as a percentage of revenue decreased slightly from 3.5% in the nine months ended September 30, 2015 to 3.4% in the nine months ended September 30, 2016.

In the three months ended September 30, 2016, restructuring-related charges were \$7 million, including \$4 million of other exit costs and \$3 million of severance and other employee-related costs. In the three months ended September 30, 2015, restructuring-related charges were \$12 million, including \$7 million of severance and other employee-related costs and \$5 million of other exit costs.

In the nine months ended September 30, 2016, restructuring-related charges were \$13 million, including \$8 million of other exit costs, \$3 million of severance and other employee-related costs and \$2 million of asset-related charges. In the nine months ended September 30, 2015, restructuring-related charges were \$33 million, including \$16 million of asset-related charges, \$10 million of other exit costs and \$7 million of severance and other employee-related costs.

Interest and Other Expense Items

Interest expense was \$41 million in the three months ended September 30, 2016 compared to \$42 million in the three months ended September 30, 2015.

Other expense, net was \$8 million in the three months ended September 30, 2016 compared to \$7 million in the three months ended September 30, 2015. Other expense, net in the three months ended September 30, 2016 and 2015 included \$7 million and \$6 million, respectively, of losses from foreign currency remeasurement and foreign exchange contracts not designated as hedging instruments.

Interest expense was \$130 million in the nine months ended September 30, 2016 compared to \$131 million in the nine months ended September 30, 2015. Interest expense in the nine months ended September 30, 2016 includes a \$4 million write-off of deferred financing fees associated with the amendment of our senior secured credit facility.

Other expense, net was \$33 million in the nine months ended September 30, 2016 compared to \$14 million in the nine months ended September 30, 2015. Other expense, net in the nine months ended September 30, 2016 included losses of \$25 million from foreign currency remeasurement and foreign exchange contracts not designated as hedging instruments and \$5 million of losses associated with the IPS divestiture and entity liquidations. Other expense, net in the nine months ended losses of \$14 million from foreign currency remeasurement and foreign exchange as hedging instruments and \$5 million of losses associated with the IPS divestiture and entity liquidations. Other expense, net in the nine months ended September 30, 2015 included losses of \$14 million from foreign currency remeasurement and foreign exchange contracts not designated as hedging instruments.

Provision for Income Taxes

Income tax provisions for interim (quarterly) periods are based on an estimated annual effective income tax rate calculated separately from the effect of significant, infrequent or unusual items. Income tax expense was \$31 million and \$16 million for the three months ended September 30, 2016 and 2015, respectively. The increase in income tax expense was primarily driven by a less favorable change in uncertain tax positions, including \$17 million of income tax benefits for audit settlements in foreign jurisdictions in the three months ended September 30, 2015, partially offset by a favorable mix of earnings in continuing operations.

Income tax expense was \$75 million and \$50 million for the nine months ended September 30, 2016 and 2015, respectively. The increase in income tax expense was primarily driven by a less favorable change in uncertain tax positions, including \$17 million of income tax benefits for audit settlements in foreign jurisdictions in the nine months ended September 30, 2015, partially offset by a favorable mix of earnings in continuing operations, excluding the settlement of the UK London pension plan. During the nine months ended September 30, 2015 there was no tax benefit recorded on the \$427 million charge related to the settlement of the UK London pension plan due to a valuation allowance against deferred tax assets in the United Kingdom. Refer to Note 7, "Employee Benefit Plans," for additional discussion on the settlement of the UK London pension plan.

We regularly review our deferred tax assets for recoverability and establish a valuation allowance if it is more likely than not that some portion or all of a deferred tax asset will not be realized. The determination as to whether a deferred tax asset will be realized is made on a jurisdictional basis and is based on the evaluation of positive and negative evidence. This evidence includes historical taxable income/loss, projected future taxable income, the expected timing of the reversal of existing temporary differences and the implementation of tax planning strategies. Given current earnings and anticipated future earnings at certain subsidiaries, the Company believes that there is a reasonable possibility sufficient positive evidence may become available that would allow the release of a valuation allowance within the next twelve months.

NCR is subject to numerous federal, state and foreign tax audits. While NCR believes that appropriate reserves exist for issues that might arise from these audits, should these audits be settled, the resulting tax effect could impact the tax provision and cash flows in future periods.

Revenue and Operating Income by Segment

The Company manages and reports the following three segments:

- Software Our software solutions include our automated teller machine (ATM) software application suite, cash management and video banking software, check and image processing software and customer-facing digital banking solutions. We offer an omni-channel retail software platform with a comprehensive suite of software applications, including point-of-sale (POS) software, and a suite of software applications for hospitality POS operations, and kitchen and restaurant management. We also offer other cloud (or software-as-a-service) solutions, hosted services, and online, mobile and transactional services and applications such as bill pay. Additionally, we provide ongoing software support and maintenance services, as well as consulting and implementation services for our software solutions.
- Services Our service solutions include maintenance and repair services for our hardware solutions as well as for third party products, and support services for our hardware solutions. Additionally, we provide managed services as well as other services, including site assessment and preparation, staging, installation and implementation and systems management services.
- Hardware Our hardware solutions include a comprehensive line of ATMs, self-checkout (SCO), and mobile and other point of sale (POS) products. Additionally, we also offer printer consumables.

Each of these segments derives its revenue by selling in the sales regions in which NCR operates. Segments are measured for profitability by the Company's chief operating decision maker based on revenue and segment operating income. For purposes of discussing our operating results by segment, we exclude the impact of certain non-operational items from segment operating income, consistent with the manner by which management reviews each segment, evaluates performance, and reports our segment results under GAAP. This format is useful to investors because it allows analysis and comparability of operating trends. It also includes the same information that is used by NCR management to make decisions regarding the segments and to assess our financial performance. Our segment results are reconciled to total Company results reported under GAAP in Note 13, "Segment Information and Concentrations" of the Notes to Condensed Consolidated Financial Statements.

In the segment discussions below, we have disclosed the impact of foreign currency fluctuations and the IPS divestiture as it relates to our segment revenue due to its significance during the quarter.

Software Segment

The following table shows the Software revenue and segment operating income for the three and nine months ended September 30:

	Th	ree months e	nded Sep	tember 30	N	line months en	ded Se	ptember 30
In millions		2016		2015		2016		2015
Revenue	\$	468	\$	434	\$	1,339	\$	1,288
Operating income	\$	146	\$	135	\$	405	\$	382
Operating income as a percentage of revenue		31.2%		31.1%		30.2%		29.7%

In the three months ended September 30, 2016 compared to the three months ended September 30, 2015, Software revenue increased 8%, driven by growth in software license, cloud and software maintenance revenue, which were up 25%, 7% and 7%, respectively. Software license growth was primarily due to store transformation and higher hardware revenue, cloud growth was due to prior period bookings in the financial services and hospitality industries and software maintenance growth was due to the growth in software license revenue in prior periods. Foreign currency fluctuations had a favorable impact on the revenue comparison of 1%.

In the nine months ended September 30, 2016 compared to the nine months ended September 30, 2015, Software revenue increased 4%, driven by growth in software maintenance and software license revenue, and to a lesser extent by an increase in cloud and professional services revenue. Software license revenue increased 9% primarily due to unattached software license revenue growth. Software maintenance revenue increased 7% due to the growth in software license revenue in prior periods. Foreign currency fluctuations did not impact the revenue comparison.

Operating income increased in the three and nine months ended September 30, 2016 compared to the three and nine months ended September 30, 2015. The increase in operating income in both periods was driven by higher revenue.

Services Segment

The following table shows the Services revenue and segment operating income for the three and nine months ended September 30:

	Th	Three months ended September 30 Nine mo					onths ended September 30		
In millions		2016		2015		2016		2015	
Revenue	\$	591	\$	563	\$	1,708	\$	1,628	
Operating income	\$	56	\$	49	\$	139	\$	133	
Operating income as a percentage of revenue		9.5%		8.7%		8.1%		8.2%	

In the three and nine months ended September 30, 2016 compared to the three and nine months ended September 30, 2015, Services revenue increased 5%, respectively, driven by growth in implementation, hardware maintenance and managed services revenue as a result of our focus on improving the customer experience. Foreign currency fluctuations had an unfavorable impact on the three and nine months ended revenue comparison of 1% and 2%, respectively.

Operating income increased in the three months ended September 30, 2016 compared to the three months ended September 30, 2015 primarily due to higher revenue, operating leverage and improved productivity and efficiency.

Operating income increased in the nine months ended September 30, 2016 compared to the nine months ended September 30, 2015 primarily due to higher revenue and improved productivity and efficiency partially offset by higher expenses.

Hardware Segment

The following table shows the Hardware revenue and segment operating income for the three and nine months ended September 30:

	Three months ended September 30			N	line months en	ded September 30		
In millions		2016		2015		2016		2015
Revenue	\$	618	\$	616	\$	1,694	\$	1,777
Operating income	\$	28	\$	30	\$	32	\$	45
Operating income as a percentage of revenue		4.5%		4.9%		1.9%		2.5%

On May 27, 2016, NCR completed the sale of all but the Middle East and Africa (MEA) assets of its IPS business to Atlas Holdings LLC. Accordingly, the Hardware segment revenue and operating income results exclude the results of the IPS operations, except for the IPS MEA operations, from May 27, 2016 through the end of the third quarter of 2016.

In the three months ended September 30, 2016 compared to the three months ended September 30, 2015, Hardware revenue increased slightly, driven by increases in ATM revenue, SCO revenue, and POS revenue, partially offset by declines in IPS revenue due to the divestiture. ATM revenue increased mainly due to new product introduction and branch transformation. SCO revenue increased due to store transformation and POS revenue increased due to new product introductions and replacement cycles. Foreign currency fluctuations and the sale of the IPS business had an unfavorable impact on the revenue comparison of 1% and 15%, respectively.

In the nine months ended September 30, 2016 compared to the nine months ended September 30, 2015, Hardware revenue decreased 5%, driven by declines in ATM revenue, POS revenue, and IPS revenue, partially offset by growth in SCO revenue. ATM revenue declined mainly due to macroeconomic challenges. POS revenue declined due to seasonality and some shift from POS to SCO, which increased significantly year over year. Foreign currency fluctuations and the sale of the IPS business had an unfavorable impact on the revenue comparison of 1% and 7%, respectively.

Operating income decreased in the three and nine months ended September 30, 2016 compared to the three and nine months ended September 30, 2015 driven by decreases in revenue in the nine months ended and decreases in the gross margin rate. The gross margin rate was negatively impacted by higher initial expenses from the roll-out of a new ATM product family and macroeconomic challenges.

Financial Condition, Liquidity, and Capital Resources

Cash provided by operating activities was \$369 million in the nine months ended September 30, 2016 compared to \$416 million in the nine months ended September 30, 2015.

NCR's management uses a non-GAAP measure called "free cash flow" to assess the financial performance of the Company. We define free cash flow as net cash provided by (used in) operating activities and cash provided by (used in) discontinued operations, less capital expenditures for property, plant and equipment, less additions to capitalized software, plus discretionary pension contributions and settlements. We believe free cash flow information is useful for investors because it relates the operating cash flows from the Company's continuing and discontinued operations to the capital that is spent to continue and improve business operations. In particular, free cash flow indicates the amount of cash available after capital expenditures for, among other things, investments in the Company's existing businesses, strategic acquisitions, repurchase of NCR stock and repayment of debt obligations. Free cash flow does not represent the residual cash flow available for discretionary expenditures, since there may be other non-discretionary expenditures that are not deducted from the measure. Free cash flow does not have a uniform definition under GAAP, and therefore NCR's definition may differ from other companies' definitions of this measure. This non-GAAP measure should not be considered a substitute for, or superior to, cash flows from operating activities under GAAP. The table below reconciles net cash provided by operating activities to NCR's non-GAAP measure of free cash flow for the nine months ended September 30:

	 Nine months end	led Sept	tember 30
In millions	2016		2015
Net cash provided by operating activities	\$ 369	\$	416
Less: Expenditures for property, plant and equipment	(45)		(47)
Less: Additions to capitalized software	(115)		(117)
Net cash used in discontinued operations	(30)		(27)
Free cash flow (non-GAAP)	\$ 179	\$	225

The decrease in expenditures was due to planned spending reductions as compared to the prior year. The change in cash flows from discontinued operations from the prior year was due to increased litigation payments related to the Fox River and Kalamazoo River environmental matters.

Financing activities and certain other investing activities are not included in our calculation of free cash flow. Other investing activities primarily include business acquisitions, divestitures and investments as well as proceeds from the sale of property, plant and equipment. During the nine months ended September 30, 2016, NCR completed the sale of its IPS business, excluding its MEA operations, to Atlas Holdings LLC for cash consideration of \$47 million.

Our financing activities primarily include proceeds from employee stock plans, repurchase of NCR common stock and borrowings and repayments of credit facilities and notes. During the nine months ended September 30, 2016, we repurchased a total of \$250 million of our common stock. During the nine months ended September 30, 2016 and 2015, proceeds from employee stock plans were \$10 million and \$12 million, respectively. During the nine months ended September 30, 2016 and 2015, we paid \$7 million and \$10 million, respectively, of tax withholding payments on behalf of employees for stock based awards that vested.

Long Term Borrowings On March 31, 2016, we amended and restated our senior secured credit facility and refinanced the term loan facility and revolving credit facility thereunder. As of September 30, 2016, the senior secured credit facility consisted of a term loan facility with an aggregate principal outstanding balance of \$878 million. The revolving credit facility had an aggregate principal amount of \$1.1 billion, of which \$20 million was outstanding as of September 30, 2016. Additionally, the revolving credit facility has up to \$400 million available to certain foreign subsidiaries. Loans under the revolving credit facility are available in U.S. Dollars, Euros and Pound Sterling. The revolving credit facility also allows a portion of the availability to be used for outstanding letters of credit, and as of September 30, 2016, there were no letters of credit outstanding. As of December 31, 2015, the outstanding principal balance of the term loan facility was \$956 million and the outstanding balance on the revolving facility was \$100 million.

As of September 30, 2016 and December 31, 2015, we had outstanding \$700 million in aggregate principal balance of 6.375% senior unsecured notes due in 2023, \$600 million in aggregate principal balance of 5.00% senior unsecured notes due in 2022, \$500 million in aggregate principal balance of 4.625% senior unsecured notes due in 2021 and \$400 million in aggregate principal balance of 5.875% senior unsecured notes due in 2021.

Our revolving trade receivables securitization facility provides the Company with up to \$200 million in funding based on the availability of eligible receivables and other customary factors and conditions. As of September 30, 2016 and December 31, 2015, the Company had \$200 million and zero, respectively, outstanding under the facility. The Company expects to renew the facility for an additional two-year term prior to its maturity in November 2016.

Employee Benefit Plans In 2016, we expect to make contributions of \$35 million to the international pension plans, \$33 million to the postemployment plan and \$3 million to the postretirement plan. For additional information, refer to Note 7, "Employee Benefit Plans," of the Notes to the Condensed Consolidated Financial Statements.

Restructuring Program In July 2014, we announced a restructuring plan to strategically reallocate resources so that we can focus on higher-growth, highermargin opportunities in the software-driven consumer transaction technologies industry. Refer to Note 4, "Restructuring Plan," of the Notes to the Condensed Consolidated Financial Statements for additional discussion on our restructuring plan. As a result of the restructuring plan, in the nine months ended September 30, 2016 and 2015, the Company recorded total charges of \$17 million and \$36 million, respectively and made cash payments of \$28 million and \$51 million, respectively. The Company expects to achieve annualized run-rate savings of approximately \$105 million in 2016. Our estimate of restructuring related opportunities in connection with this restructuring plan for 2016 is approximately \$20 million to \$25 million.

During 2016, in addition to the above, we have been focused on accelerating our transformation by improving sales execution, increasing customer services productivity and loyalty, making software our business and optimizing our cost structure. We may identify additional restructuring activities as we operationalize the transformation initiatives.

Series A Convertible Preferred Stock On December 4, 2015, NCR issued 820,000 shares of Series A Convertible Preferred Stock to certain entities affiliated with Blackstone Capital Partners VI L.P. and Blackstone Tactical Opportunities L.L.C. (collectively, Blackstone) for an aggregate purchase price of \$820 million, or \$1,000 per share, pursuant to an Investment Agreement between the Company and Blackstone, dated November 11, 2015. In connection with the issuance of the Series A Convertible Preferred Stock, the Company incurred direct and incremental expenses of \$26 million. These direct and incremental expenses reduced the Series A Convertible Preferred Stock, and will be accreted through retained earnings as a deemed dividend from the date of issuance through the first possible known redemption date, March 16, 2024. Holders of Series A Convertible Preferred Stock are entitled to a cumulative dividend at the rate of 5.5% per annum, payable quarterly in arrears. During the nine months ended September 30, 2016, the Company had accrued dividends of \$35 million and \$4 million, respectively, associated with the Series A Convertible Preferred Stock. As of September 30, 2016 and December 31, 2015, the Company had accrued dividends of \$3 million and \$4 million, respectively, associated with the Series A Convertible Preferred Stock. There were no cash dividends declared during the nine months ended September 30, 2016 or 2015, respectively.

The Series A Convertible Preferred Stock is convertible at the option of the holders at any time into shares of common stock at a conversion price of \$30.00 per share or a conversion rate of 33.333 shares of common stock per share of Series A Convertible Preferred Stock. As of September 30, 2016 and December 31, 2015, the maximum number of common shares that could be required to be issued if converted was 28.6 million and 27.4 million shares, respectively.

Cash and Cash Equivalents Held by Foreign Subsidiaries Cash and cash equivalents held by the Company's foreign subsidiaries at September 30, 2016 and December 31, 2015 were \$305 million and \$317 million, respectively. Under current tax laws and regulations, if cash and cash equivalents and short-term investments held outside the U.S. are distributed to the U.S. in the form of dividends or otherwise, we may be subject to additional U.S. income taxes and foreign withholding taxes, which could be significant.

Summary As of September 30, 2016, our cash and cash equivalents totaled \$318 million and our total debt was \$3.29 billion. As of September 30, 2016, our borrowing capacity under the revolving credit facility was approximately \$1.1 billion, and under our trade receivables securitization facility was zero, as it was fully drawn. Our ability to generate positive cash flows from operations is dependent on general economic conditions, competitive pressures, and other business and risk factors described in Item 1A of Part I of the Company's 2015 Annual Report on Form 10-K and Item IA of Part II of this Quarterly Report on Form 10-Q. If we are unable to generate sufficient cash flows from operations, or otherwise comply with the terms of our credit facilities or senior unsecured notes, we may be required to seek additional financing alternatives.

We believe that we have sufficient liquidity based on our current cash position, cash flows from operations and existing financing to meet our required pension, postemployment, and postretirement plan contributions, remediation and other payments related to the Fox River and Kalamazoo River environmental matters, debt servicing obligations, payments related to the restructuring plan, and our operating requirements for the next twelve months.

Contractual and Other Commercial Commitments

There have been no significant changes in our contractual and other commercial obligations as described in our Form 10-K for the year ended December 31, 2015, except as noted below.

On March 31, 2016, we amended and restated our senior secured credit facility and refinanced the term loan facility and revolving credit facility thereunder. This transaction has significantly altered the contractual and other commercial commitments related to debt obligations and interest on debt obligations previously described in our Annual Report on Form 10-K for the year ended December 31, 2015. The following table outlines our future debt obligations and future interest on debt obligations as of September 30, 2016 with projected cash payments in the years shown:

In millions	Total	Amounts	October 1, 2016 through December 31, 2016	2017 - 2018	2019 - 2020	2021 & Thereafter
Debt obligations	\$	3,320	\$ 214	\$ 113	\$ 180	\$ 2,813
Interest on debt obligations		843	42	286	277	238
Total obligations	\$	4,163	\$ 256	\$ 399	\$ 457	\$ 3,051

For purposes of this table, we used interest rates as of September 30, 2016 to estimate the future interest on debt obligations outstanding as of September 30, 2016 and have assumed no voluntary prepayments of existing debt. See Note 3, "Debt Obligations," of the Notes to Consolidated Financial Statements included in Item 1 of Part I of this Report for additional disclosure related to our debt obligations and the related interest rate terms.

The Company's uncertain tax positions are not expected to have a significant impact on liquidity or sources and uses of capital resources. Our product warranties are discussed in Note 8, "Commitments and Contingencies," of the Notes to Condensed Consolidated Financial Statements.

Critical Accounting Policies and Estimates

Management has reassessed the critical accounting policies as disclosed in our 2015 Form 10-K and determined that there were no changes to our critical accounting policies in the nine months ended September 30, 2016. Also, there were no significant changes in our estimates associated with those policies.

New Accounting Pronouncements

See discussion in Note 1, "Basis of Presentation and Summary of Significant Accounting Policies" of the Notes to Condensed Consolidated Financial Statements for new accounting pronouncements.

Forward-Looking Statements

This quarterly report on Form 10-Q contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements use words such as "expect," "anticipate," "outlook," "intend," "believe," "will," "should," "could" and words of similar meaning. Statements that describe or relate to NCR's plans, goals, intentions, strategies or financial outlook, and statements that do not relate to historical or current fact, are examples of forward-looking statements. Forward-looking statements are based on our current beliefs, expectations and assumptions, which may not prove to be accurate, and involve a number of known and unknown risks and uncertainties, many of which are out of NCR's control. Forwardlooking statements are not guarantees of future performance, and there are a number of important factors that could cause actual outcomes and results to differ materially from the results contemplated by such forward-looking statements, including those factors relating to: domestic and global economic and credit conditions including, in particular, market conditions and spending trends in the financial services industry; fluctuations in oil and commodity prices and their effects on local, regional and global market conditions; economic and market conditions in Russia, China and emerging markets, and the determination by the United Kingdom to exit the European Union and further potential changes in European; the impact of our indebtedness and its terms on our financial and operating activities; the impact of the terms of our strategic relationship with Blackstone and our Series A Convertible Preferred Stock; foreign currency fluctuations; our ability to successfully introduce new solutions and compete in the information technology industry; the transformation of our business model and our ability to sell higher-margin software and services; our ability to improve execution in our sales and services organizations; defects or errors in our products or problems with our hosting facilities; compliance with data privacy and protection requirements; cybersecurity threats; manufacturing disruptions; collectability difficulties in subcontracting relationships in emerging markets; the historical seasonality of our sales; the availability and success of acquisitions, divestitures and alliances, including the divestiture of our Interactive Printer Solutions business; our pension strategy and underfunded pension obligation; the success of our ongoing restructuring plan; tax rates; reliance on third party suppliers; development and protection of intellectual property; workforce turnover and the ability to attract and retain skilled employees; environmental exposures from our historical and ongoing manufacturing activities; and uncertainties with regard to regulations, lawsuits, claims and other matters across various jurisdictions. Additional information concerning these and other factors can be found in the Company's filings with the U.S. Securities and Exchange Commission, including the Company's

most recent annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K. Any forward-looking statement speaks only as of the date on which it is made. The Company does not undertake any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Information About NCR

NCR encourages investors to visit its web site (<u>http://www.ncr.com</u>) which is updated regularly with financial and other important information about NCR. The contents of the Company's web site are not incorporated into this quarterly report or the Company's other filings with the U.S. Securities and Exchange Commission.

Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market Risk

We are exposed to market risks primarily from changes in foreign currency exchange rates and interest rates. It is our policy to manage our foreign exchange exposure and debt structure in order to manage capital costs, control financial risks and maintain financial flexibility over the long term. In managing market risks, we employ derivatives according to documented policies and procedures, including foreign currency contracts and interest rate swaps. We do not use derivatives for trading or speculative purposes.

Foreign Exchange Risk

Since a substantial portion of our operations and revenue occur outside the United States, and in currencies other than the U.S. Dollar, our results can be significantly impacted by changes in foreign currency exchange rates. We have exposure to approximately 50 functional currencies and are exposed to foreign currency exchange risk with respect to our sales, profits and assets and liabilities denominated in currencies other than the U.S. Dollar. Although we use financial instruments to hedge certain foreign currency risks, we are not fully protected against foreign currency fluctuations and our reported results of operations could be affected by changes in foreign currency exchange rates. To manage our exposures and mitigate the impact of currency fluctuations on the operations of our foreign subsidiaries, we hedge our main transactional exposures through the use of foreign exchange forward and option contracts. These foreign exchange contracts are designated as highly effective cash flow hedges. This is primarily done through the hedging of foreign currency denominated inter-company inventory purchases by the marketing units. All of these transactions are forecasted. We also use derivatives not designated as hedging instruments consisting primarily of forward contracts to hedge foreign currency denominated balance sheet exposures. For these derivatives we recognize gains and losses in the same period as the remeasurement losses and gains of the related foreign currency-denominated exposures.

We utilize non-exchange traded financial instruments, such as foreign exchange forward and option contracts, that we purchase exclusively from highly rated financial institutions. We record these contracts on our balance sheet at fair market value based upon market price quotations from the financial institutions. We do not enter into non-exchange traded contracts that require the use of fair value estimation techniques, but if we did, they could have a material impact on our financial results.

For purposes of analyzing potential risk, we use sensitivity analysis to quantify potential impacts that market rate changes may have on the fair values of our hedge portfolio related to firmly committed or forecasted transactions. The sensitivity analysis represents the hypothetical changes in value of the hedge position and does not reflect the related gain or loss on the forecasted underlying transaction. A 10% appreciation or depreciation in the value of the U.S. Dollar against foreign currencies from the prevailing market rates would have resulted in a corresponding increase or decrease of \$24 million as of September 30, 2016 in the fair value of the hedge portfolio. The Company expects that any increase or decrease in the fair value of the portfolio would be substantially offset by increases or decreases in the underlying exposures being hedged.

The U.S. Dollar was stronger in the third quarter of 2016 compared to the third quarter of 2015 based on comparable weighted averages for our functional currencies, but had no impact on third quarter 2016 revenue versus third quarter 2015 revenue. This excludes the effects of our hedging activities and, therefore, does not reflect the actual impact of fluctuations in exchange rates on our operating income.

Interest Rate Risk

We are subject to interest rate risk principally in relation to variable-rate debt. Historically, we have used derivative financial instruments, such as interest rate swaps, to manage exposure to fluctuations in interest rates in connection with our risk management policies. Approximately 66% of our borrowings were on a fixed rate basis as of September 30, 2016. The increase in pre-tax interest expense for the nine months ended September 30, 2016 from a hypothetical 100 basis point increase in variable interest rates would be approximately \$8 million.

Concentrations of Credit Risk

We are potentially subject to concentrations of credit risk on accounts receivable and financial instruments, such as hedging instruments and cash and cash equivalents. Credit risk includes the risk of nonperformance by counterparties. The maximum potential loss may exceed the amount recognized on the balance sheet. Exposure to credit risk is managed through credit approvals, credit limits, selecting major international financial institutions (as counterparties to hedging transactions) and monitoring



procedures. Our business often involves large transactions with customers for which we do not require collateral. If one or more of those customers were to default in its obligations under applicable contractual arrangements, we could be exposed to potentially significant losses. Moreover, a prolonged downturn in the global economy could have an adverse impact on the ability of our customers to pay their obligations on a timely basis. We believe that the reserves for potential losses are adequate. As of September 30, 2016, we did not have any significant concentration of credit risk related to financial instruments.

Item 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

NCR has established disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934 (the Exchange Act)) to provide reasonable assurance that information required to be disclosed by NCR in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to provide reasonable assurance that information required to be disclosed by NCR in the reports that it files or submits under the Exchange Act is accumulated and communicated to NCR's management, including its Chief Executive and Chief Financial Officers, as appropriate to allow timely decisions regarding required disclosure. Based on their evaluation as of the end of the third quarter of 2016, conducted under their supervision and with the participation of management, the Company's Chief Executive and Chief Financial Officers have concluded that NCR's disclosure controls and procedures are effective to meet such objectives and that NCR's disclosure controls and procedures dequately alert them on a timely basis to material information relating to the Company (including its consolidated subsidiaries) required to be included in NCR's Exchange Act filings.

Changes in Internal Control over Financial Reporting

There have been no changes in our internal control over financial reporting that occurred during the three months ended September 30, 2016 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Part II. Other Information

Item 1. LEGAL PROCEEDINGS

The information required by this item is included in Note 8, "Commitments and Contingencies," of the Notes to Condensed Consolidated Financial Statements in this quarterly report and is incorporated herein by reference.

Item 1A. RISK FACTORS

There have been no material changes to the risk factors previously disclosed in Part I, Item IA ("Risk Factors") of the Company's 2015 Annual Report on Form 10-K.

Item 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

In October 1999, the Company's Board of Directors authorized a share repurchase program that provided for the repurchase of up to \$250 million of the Company's common stock, with no expiration from the date of authorization. On October 31, 2007 and July 28, 2010, the Board authorized the repurchase of an additional \$250 million and \$210 million, respectively, under this share repurchase program. As of September 30, 2016, this program had no amount available for further repurchases.

On July 20, 2016, the Board authorized a new \$300 million share repurchase program, which replaced the 1999 Board of Directors share repurchase program. The timing and amount of repurchases under this new program will depend upon market conditions and may be made from time to time in open market purchases, privately negotiated transactions, accelerated stock repurchase programs, issuer self-tender offers or otherwise. The repurchases will be made in compliance with applicable securities laws and may be discontinued at any time. As of September 30, 2016, this program had \$300 million available for repurchases.

In December 2000, the Board approved a systematic share repurchase program, with no expiration from the date of authorization, to be funded by the proceeds from the purchase of shares under the Company's Employee Stock Purchase Plan and the exercise of stock options, for the purpose of offsetting the dilutive effects of the employee stock purchase plan and outstanding options.

On July 20, 2016, the Board authorized the termination of the 2000 Board of Directors share repurchase program, and on October 19, 2016, the Board approved a replacement program, with no expiration from the date of authorization, for the systematic repurchase of the Company's common stock to offset the dilutive effects of the Company's employee stock purchase plan, equity awards and in-kind dividends on the Company's Series A Convertible Preferred Stock. Availability under the replacement program accrues quarterly based on the average value of dilutive issuances during the quarter. In addition, the remaining authorized availability under the 2000 Board of Directors share repurchase program was made available under the replacement program. Shares will be repurchased periodically on an ongoing basis, in the open market or through privately negotiated transactions, at management's discretion. As of September 30, 2016, approximately \$87 million was available for repurchase under this dilution offset share repurchase program.

During the nine months ended September 30, 2016, the Company repurchased 10.0 million shares of its common stock for \$250 million. No shares were repurchased during the three months ended September 30, 2016.

The Company occasionally purchases vested restricted stock or exercised stock options at the current market price to cover withholding taxes. For the three months ended September 30, 2016, 12,694 shares were purchased at an average price of \$31.02 per share.

The Company's ability to repurchase its common stock is restricted under the Company's senior secured credit facility and terms of the indentures for the Company's senior unsecured notes. These agreements include certain prohibitions on share repurchases, including during the occurrence of an event of default. These agreements also establish limits on the amount that the Company is permitted to allocate to share repurchases and other restricted payments. The limitations are calculated using formulas based generally on 50% of the Company's consolidated net income for the period beginning in the third quarter of 2012 through the end of the most recently ended fiscal quarter, subject to certain other adjustments and deductions, with certain prescribed minimums. These formulas are described in greater detail in the Company's senior secured credit facility and the indentures for the Company's senior unsecured notes, each of which is filed with the Securities and Exchange Commission.

Item 6. EXHIBITS

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2.1	Separation and Distribution Agreement, dated as of August 27, 2007, between NCR Corporation and Teradata Corporation (Exhibit 10.1 to the Current Report on Form 8-K of Teradata Corporation dated September 6, 2007).
3.1	Articles of Amendment and Restatement of NCR Corporation (incorporated by reference to Exhibit 3.1 to the Quarterly Report on Form 10-Q of NCR Corporation for the quarter ended June 30, 2016).
3.2	Bylaws of NCR Corporation, as amended and restated on October 11, 2016 (incorporated by reference to Exhibit 3.2 to the Current Report on Form 8-K of NCR Corporation dated October 11, 2016).
4.1	Common Stock Certificate of NCR Corporation (incorporated by reference to Exhibit 4.1 from the NCR Corporation Annual Report on Form 10-K for the year ended December 31, 1999).
4.2	Indenture, dated September 17, 2012, among NCR Corporation, as issuer, NCR International Inc. and Radiant Systems Inc. as subsidiary guarantors and U.S. Bank National Association, as trustee (incorporated by reference to Exhibit 4.01 to the Current Report on Form 8-K of NCR Corporation dated September 17, 2012).
4.3	Indenture, dated December 18, 2012, among NCR Corporation, as issuer, NCR International Inc. and Radiant Systems Inc. as subsidiary guarantors and U.S. Bank National Association, as trustee (incorporated by reference to Exhibit 4.01 to the Current Report on Form 8-K of NCR Corporation filed December 18, 2012).
4.4	Indenture, dated December 19, 2013, between NCR Escrow Corp. and U.S. Bank National Association relating to the \$400 million aggregate principal amount of 5.875% senior notes due 2021 (the "5.875% Notes") (incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K of NCR Corporation dated December 19, 2013 (the "December 19, 2013 Form 8-K")).
4.5	First Supplemental Indenture relating to the 5.875% Notes, dated January 10, 2014, among NCR Corporation, NCR International, Inc. and U.S. Bank National Association, as trustee (incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K of NCR Corporation dated January 10, 2014 (the "January 10, 2014 Form 8-K")).
4.6	Indenture, dated December 19, 2013, between NCR Escrow Corp. and U.S. Bank National Association relating to the \$700 million aggregate principal amount of 6.375% senior notes due 2023 (the "6.375% Notes") (incorporated by reference to Exhibit 4.2 to the December 19, 2013 Form 8-K).

- 4.7 First Supplemental Indenture relating to the 6.375% Notes, dated January 10, 2014, among NCR Corporation, NCR International, Inc. and U.S. Bank National Association, as trustee (incorporated by reference to Exhibit 4.2 to the January 10, 2014 Form 8-K).
- 10.1 Employment Contract, dated September 15, 2016, between NCR Corporation and Mark D. Benjamin.
- 31.1 Certification pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities Exchange Act of 1934.
- 31.2 Certification pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities Exchange Act of 1934.
- 32 Certification pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 101 Financials in XBRL Format.

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.

NCR CORPORATION

Date: October 28, 2016

By:

/s/ Robert Fishman

Robert Fishman Executive Vice President and Chief Financial Officer



September 15, 2016

Personal & Confidential

Mr. Mark D. Benjamin c/o Heidrick & Struggles

Dear Mark,

Welcome to the new NCR, a global technology company that runs the everyday transactions that make your life easier.

With a global presence in 180 countries, our employees around the world offer a broad perspective and range of skills that enable our customers to making every customer interaction with their business an exceptional experience.

We are pleased to present you with this offer of employment at NCR. I am certain you will be the transformational leader we need for the organization you will lead as our President and Chief Operating Officer.

On behalf of NCR and our Board of Directors, we look forward to you joining us.

Employer (Legal Entity):

NCR Corporation (the 'Company')

Position:

President and Chief Operating Officer; and upon joining NCR you will be appointed as a Section 16 Executive Officer of the Company by the NCR Board of Directors.

Job Grade:

This position is a Grade 23

Reporting To:

Bill Nuti, Chairman of the Board, Chief Executive Officer and President - NCR Corporation

Business Unit:

NCR Chief Operating Officer (COO) Organization

Office Location:

New York City Office

Start Date:

Your employment with NCR will commence on a mutually agreeable day, which is expected to occur on October 17, 2016.

Base Salary:

Your annual base salary will be US\$750,000 commencing on your start date. We operate our payroll on a bi-weekly pay schedule where you will be paid two weeks' salary five days following the close of each pay cycle.

Management Incentive Plan:

Effective upon your start date you will participate in NCR's Management Incentive Plan (MIP) subject to the terms of the Plan. The Plan is an annual bonus program with a payout that varies based on NCR's results, your organization's results, and your individual performance; it is payable in the first calendar quarter following the plan year.

Your MIP target incentive opportunity will be 115% of your annual base salary (with a maximum potential payout equal to 3 times your target incentive opportunity), where the payout will be based on your COO organization's achievement of its annual "Core Financial Measures" and certain MBOs that will be established for you each plan year. So long as your employment with NCR commences on or before October 17, 2016, your MIP payout for the 2016 plan year will be no less than US\$215,625 (before taxes and other deductions), and will be payable to you in March 2017.

You will also participate in the Customer Success component of the MIP, representing a target incentive opportunity equal to 10% of your annual base salary (with a maximum potential payout equal to 10% of your annual base salary, which thus operates as a "make or miss" opportunity), where the payout will be linked to NCR's overall achievement of our annual Customer Loyalty goals.

Please note that the MIP guidelines are subject to change from time to time, which will be determined at the discretion of the Compensation and Human Resource Committee of the NCR Board of Directors (hereinafter, the "Committee").

You must be employed by NCR at the time of payment in order to be eligible to receive any bonus or incentive payout from NCR.

Long Term Incentive (LTI) Equity Awards:

Subject to your acceptance of this offer, you will receive a New Hire LTI Equity Award with a total value equal to US\$8,500,000, to be delivered in the form of NCR's Single-Metric, Performance-Based Restricted Stock Units, where the payout will be determined based on a "make-or-miss" performance goal for the 2017 performance year as established by the Committee.

The effective date of your New Hire LTI Equity Award will be the first calendar day of the month following your start date ("Grant Date") and will vest over three (3) years, such that a portion of your New Hire LTI Equity Award will vest on each anniversary of the Grant Date (25% on the first, 35% on the second and 40% on the third anniversary). You must electronically accept the award agreement associated with the award in order to be eligible to receive its benefits.

Effective for 2017 and beyond you will also be eligible to participate in NCR's Annual LTI Equity Award Program that typically occurs in February each year. Included as part of your offer is our commitment that you will receive a 2017 Annual LTI Equity Award with a minimum grant value of no less than US\$3,500,000. Your 2017 Annual LTI Equity Award will be granted in a combination of NCR Time-Based and Performance-Based RSUs as determined by the Committee.

You must be a current employee of NCR on the Grant Date in order to be eligible to receive any NCR LTI Equity Award. Other terms, including vesting, are set forth in the plan governing these awards, and you must electronically accept the award agreement each time one is made in order to be eligible to receive its benefits.

Executive Severance Benefits:

As President & COO you will participate in NCR's Executive Severance Plan. The severance plan provides certain benefits in the event that your employment is involuntarily terminated by NCR other than for "Cause" (as defined below).

In the event of a qualified termination of employment entitling you to benefits under the plan, you will receive a cash severance payment equal to one and one half (1.5) times the sum of your annual base salary and target bonus (as defined in the plan), immediate vesting of the unvested portion of your New Hire LTI Equity Award and the unvested portion of your 2017 Annual LTI Equity Award, payment of COBRA premiums for up to eighteen (18) months after the termination date, and Executive Outplacement Services.

With respect to the Executive Severance Benefits provided under this letter or under the plan, "Cause" shall mean termination of employment by the Company in connection with: (A) conviction of the Participant (as defined under the plan) for committing a felony under U.S. federal law or the law of the state or country in which such action occurred, (B) dishonesty in the course of fulfilling the Participant's employment duties, (C) failure on the part of the Participant to perform substantially such Participant's employment duties in any material respect, (D) a material violation of the Company's Code of Conduct, or (E) such other events as shall be determined by the Administrator and communicated to the Participant in writing.

In order to receive these severance benefits you are required to execute a general release of all claims in a form acceptable to NCR. Unless specified otherwise under this letter, these Executive Severance Benefits will be provided to you under the terms of the plan, which is subject to amendment or termination by NCR in accordance with the plan terms.

Change-In-Control Severance Plan:

As President & COO you will be eligible to participate in NCR's Change in Control (CIC) Severance Plan with a "Tier I" benefit level. Subject to the terms and conditions of the CIC plan, in the event of a qualified termination of employment following a Change-In-Control event (as defined in the plan), you will receive a severance benefit equal to three (3) times the sum of your annual base salary and annual target bonus (as defined in the plan). The CIC plan is subject to amendment or termination by NCR in accordance with the plan terms.

Executive Medical and Financial Planning Allowance:

As President & COO you will also be eligible to participate in NCR's annual Executive Medical Exam Program and annual Executive Financial Planning Program.

The Executive Medical Exam Program currently provides up to US\$5,000 on an annual basis for progressive, diagnostic analysis by NCR's provider of choice. The Executive Financial Planning Program currently provides an annual payment of US\$12,000, less all applicable taxes, to be used for an executive's individual financial planning needs.

Each of these programs are subject to amendment or termination by the Committee.

Executive Relocation Program:

As part of your offer to join NCR, you will be eligible for NCR's Executive Relocation Program, which includes the benefits outlined on the attached "Relocation Plan Summary" document.

When the timing is right for you and if mutually agreed, we will initiate your executive relocation process where a Weichert Executive Relocation Counselor will be in contact with you to discuss your personal relocation needs to move you and your family to the Atlanta area.

Legal Expenses:

NCR will reimburse you for up to US\$15,000 of reasonable legal fees you incur in connection with your review and acceptance of NCR's terms and conditions of employment.

Vacation/Holidays:

Under NCR's vacation policy you are entitled to receive paid vacation days and holidays. Eligible vacation is based on grade level or years of NCR service, whichever provides the greater benefit.

NCR also provides six (6) Floating Holidays, which can be used at any time during the year while recognizing customer and business needs. In the first year of hire, the number of available floating holidays is prorated.

Additionally, NCR recognizes the following six (6) days as paid holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

Other Terms and Conditions of Employment:

This offer of employment is contingent upon your acceptance of the terms and conditions of employment outlined in this offer letter (and Appendix A), and your passing a drug screen and background check. In addition, this offer is contingent upon your agreement to certain restrictive convents concerning non-competition, non-customer-solicitation and non-recruitment/hiring, where such provisions are enforceable by law. These covenants are set out in the Non-Competition Agreement included in your offer package, which you must also sign.

This letter supersedes and completely replaces any prior oral or written communication concerning the subject matters addressed in this letter. This letter is not an employment contract, and should not be construed or interpreted as containing any guarantee of continued employment or employment for a specific term.

* * * * * *

Mark, we are very excited about the contributions, experience and knowledge you can bring to NCR. We have assembled some of the best professionals in the industry and are convinced that your expertise will help us further enhance the Company's reputation and help NCR complete the transformation needed to deliver on our Vision 2020 strategy.

If you have any questions about this offer or wish to discuss the role further, please do not hesitate to contact either Andrea Ledford or myself at any time so you can make an informed decision about this opportunity with NCR.

Sincerely,

/s/ Bill Nuti

Bill Nuti

Bill Nuti Chairman of the Board, Chief Executive Officer and President NCR Corporation

Copy to: Andrea Ledford, EVP - Corporate Services and Chief Human Resources Officer

Accepting this Offer of Employment:

By accepting and signing NCR's offer of employment you certify to NCR that you are not subject to a non-competition agreement with any company or to any other post-employment restrictive covenants that would preclude or restrict you from performing the NCR position being offered in this letter. We also advise you of NCR's strong policy of respecting the intellectual property rights of other companies. You should not bring with you to your NCR position any documents or materials designated as confidential, proprietary or trade secret by another company, nor in any other way disclose trade secret information while employed by NCR.

You further acknowledge that this employment letter, Appendix A and the Non-Competition Agreement and Related Covenants documents reflect the general description of the terms and conditions of your employment with NCR, and is not a contract of employment for any definite duration of time. The employment relationship with NCR is by mutual consent ("Employment at Will"). This means either you or NCR have the right to discontinue the employment relationship with or without cause at any time and for any reason.

I have read the foregoing information relative to NCR's conditions of employment and understand that my employment offer is conditioned upon their satisfaction.

I accept NCR's terms and conditions of employment:

/s/ Mark D. Benjamin

Mark D. Benjamin

September 16, 2016

Date



Appendix A NCR Conditions of Employment

The Company requires employment candidates to successfully complete various employment documentation and processes. You assume any and all risks associated with terminating any prior or current employment and making any financial or personal commitments based upon the Company's conditional offer.

This offer of employment is conditioned upon your satisfying and agreeing to the following:

Drug Screening Test

This offer of employment is conditioned upon your taking a urine drug screen test and our receipt of negative results from that test. By accepting this offer and these conditions, you are giving the Company permission to release the results to company designated officials.

Background Check Verification

This offer of employment is conditioned upon the completion of a full background check and our satisfaction with the results, in accordance with local privacy laws. The Company, at its discretion may, on its own or through an outside agency, conduct a background check of all the information and documents submitted by you. You expressly consent to such a background check and also agree that if the Company, as a result of such a background check, finds any discrepancy or misrepresentation, then your offer may be rescinded or your employment may be terminated immediately.

You understand and agree that, if required, the Company may provide its customers with verification that you have passed certain background check requirements before you will be permitted to service those accounts.

You also understand that if the Company hires you or contracts for your services, your consent will apply, and the Company may, as allowed by law, obtain additional background reports pertaining to you, without asking for your authorization again, throughout your employment or contract period from an outside agency.

U.S. Employment Eligibility

Pursuant to the terms of the Immigration and Control Act of 1986, the Company can only hire employees if they are legally entitled to work and remain in the United States. Accordingly, the Company will verify your employment eligibility through the I-9 and E-Verify employment verification processes. If you commence employment with the Company, you understand that you will be required to complete the I-9 employment eligibility verification process within three business days after your start date. Please refer to the I-9 information sheet in this hire packet for instructions on how to complete this process.

You also understand that the Company participates in the E-Verify program and that the information you provide to us during the I-9 employment verification process will be compared against information maintained in Department of Homeland Security and Social Security Administration databases. Please refer to the enclosed information regarding E-Verify in this hire packet for additional information, including your rights under the program.

Finally, U.S. export regulations promulgated by the U.S. Departments' of Commerce and State restrict the release of U.S. technology to foreign nationals (persons that are not citizens or permanent residents of the U.S.). Your employment by the Company will be conditional on a determination that your access to the Company's technology will not be prohibited under applicable U.S. export regulations based on your country of citizenship or permanent residency. Please note that any information the Company collects from you for export compliance purposes will not be used for any other purposes.

Employee Privacy Notice and Consent

As a condition of employment you must agree to the enclosed document 'Employee Privacy Notice and Consent'.

Mutual Agreement to Arbitrate all Employment Related Claims

As a condition of employment for any position, you must read, understand and agree to the enclosed document, Mutual Agreement to Arbitrate All Employment Related Claims. By signing this acceptance of employment, you are verifying the receipt of this document and your agreement and willingness to abide with the contents of the Mutual Agreement to Arbitrate Agreement.

NCR Employment Agreement

As a condition of employment, you must read, understand and agree to the enclosed document: NCR Employment Agreement. By signing this acceptance of employment, you are verifying the receipt of this document and your agreement and willingness to abide with the contents of the Company's Terms and Conditions of Employment.

Code of Conduct

As part of your orientation to the Company, employees, including senior management, are required to complete the Company's Code of Conduct. This training must be completed within 30 days of your start date. Directions for accessing the training will be provided via email after your start date.

Employees with computer access must complete a 30 minute web-based training and certification module. This module is designed to familiarize you with our global standards of business conduct. While we recognize there are local laws and regulations that must also be followed, it is important that all employees understand and adhere to our global standard of business conduct. For employees who do not have computer access, please obtain a copy of the Company's Code of Conduct and certification form from your manager and it will be returned to the NCR Corporation, Ethics & Compliance Office, 3097 Satellite Blvd, Building 700, Duluth, GA 30096.

Your completion of the Company's Code of Conduct training and/or certification form demonstrates your personal commitment to conducting business legally and ethically.

Agreed and Accepted

/s/ Mark D. Benjamin

Mark D. Benjamin

September 16, 2016 Date

CERTIFICATION

I, William Nuti, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of NCR Corporation;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: October 28, 2016

/s/ William Nuti

William Nuti Chairman of the Board and Chief Executive Officer

CERTIFICATION

I, Robert Fishman, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of NCR Corporation;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: October 28, 2016

/s/ Robert Fishman

Robert Fishman Executive Vice President and Chief Financial Officer

CERTIFICATION PURSUANT TO

18 U.S.C. SECTION 1350

AS ADOPTED PURSUANT TO

SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of NCR Corporation, a Maryland corporation (the "Company") for the period ending September 30, 2016 as filed with the U.S. Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned officers of the Company does hereby certify, pursuant to 18 U.S.C. § 1350 (section 906 of the Sarbanes-Oxley Act of 2002), that:

(1) the Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) the information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

The foregoing certification (i) is given to such officers' knowledge, based upon such officers' investigation as such officers reasonably deem appropriate; and (ii) is being furnished solely pursuant to 18 U.S.C. § 1350 (section 906 of the Sarbanes-Oxley Act of 2002) and is not being filed as part of the Report or as a separate disclosure document.

Dated: October 28, 2016

/s/ William Nuti

William Nuti Chairman of the Board and Chief Executive Officer

Dated: October 28, 2016

/s/ Robert Fishman

Robert Fishman

Executive Vice President and Chief Financial Officer

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signatures that appear in typed form within the electronic version of this written statement required by Section 906, has been provided to NCR Corporation and will be retained by NCR Corporation and furnished to the United States Securities and Exchange Commission or its staff upon request.