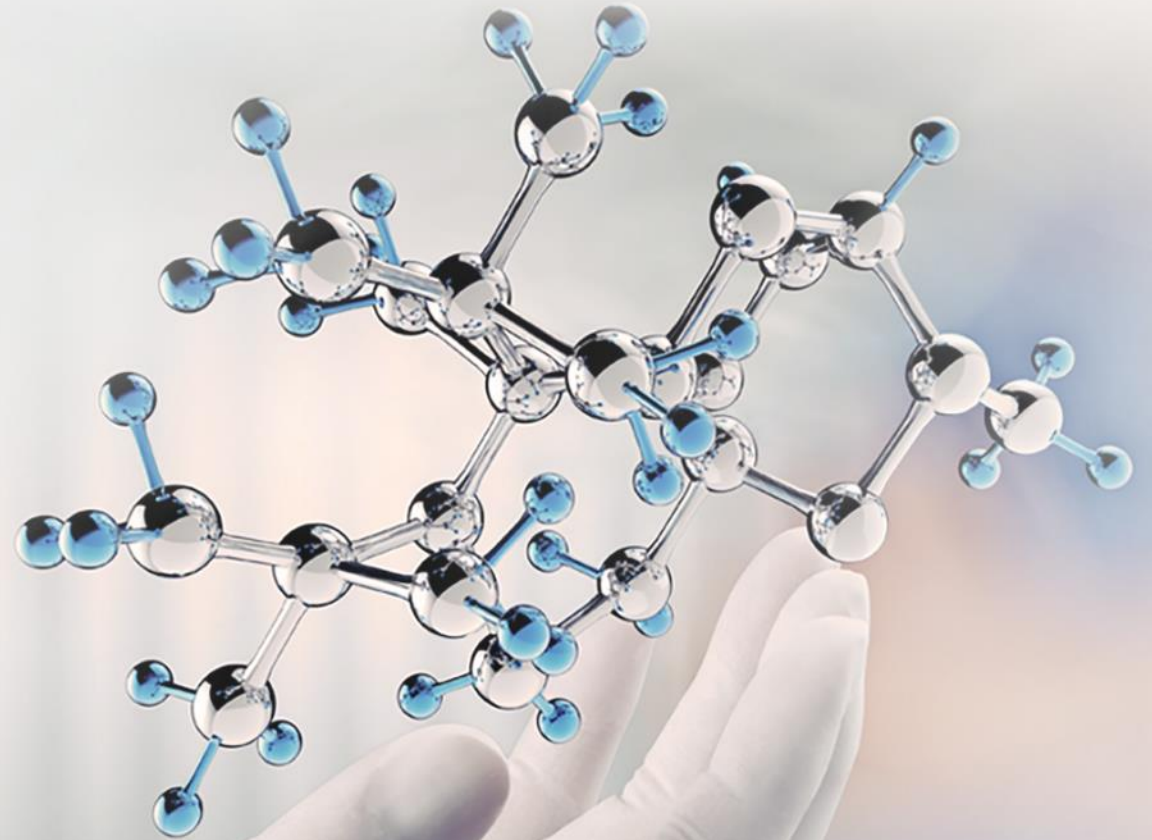


**FEBRUARY 2, 2017**

# Earnings Summary Fourth Quarter and Fiscal Year 2016



## SAFE HARBOR

---

Certain information contained in this presentation may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve substantial risks and uncertainties that could cause actual results to differ materially from the results expressed in, or implied by, these forward-looking statements. Statements that include such words as “anticipate,” “believe,” “estimate,” “expect,” “forecast,” “may,” “will,” “should” or the negative thereof and similar expressions as they relate to Entegris or our management are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. These risks include, but are not limited to, fluctuations in the market price of Entegris’ stock, Entegris’ future operating results, other acquisition and investment opportunities available to Entegris, general business and market conditions and other factors. Additional information concerning these and other risk factors may be found in previous financial press releases issued by Entegris and Entegris’ periodic public filings with the Securities and Exchange Commission, including discussions appearing under the headings “Risks Relating to our Business and Industry,” “Risks Related to Our Indebtedness,” “Manufacturing Risks,” “International Risks” and “Risks Related to Owning Our Common Stock” in Item 1A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, filed with the Securities and Exchange Commission on February 29, 2016, as well as other matters and important factors disclosed previously and from time to time in the filings of Entegris with the U.S. Securities and Exchange Commission. Except as required under the federal securities laws and the rules and regulations of the Securities and Exchange Commission, we undertake no obligation to update publicly any forward-looking statements contained herein.

## 4Q16 AND FY2016 HIGHLIGHTS

---

- Achieved record sales of \$1.2 billion in fiscal 2016, 9% organic growth and significant outperformance of markets
- Generated record EPS and EBITDA for fiscal 2016, and a record EBITDA margin of 22.4 percent
- Growth initiatives are on track with key design wins at 10 and 7 nanometer and 3D-NAND processes
- Continued pay down our debt, concluding the year with a net leverage ratio of 0.7
- Grew our quarterly revenue by 16 percent from a year ago and achieved non-GAAP EPS of \$0.24

## SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (GAAP)

<i>\$ in millions, except per share data</i>	<b>4Q16</b>	<b>4Q16 Guidance</b>	<b>3Q16</b>	<b>4Q15</b>	<b>4Q16 over 3Q16</b>	<b>4Q16 over 4Q15</b>
Net Revenue	\$308.5	\$275 to \$290	\$296.7	\$266.8	4.0%	15.6%
Gross Margin	42.7%		41.5%	41.0%		
Operating Expenses	\$86.9		\$88.3	\$89.2	(1.6%)	(2.6%)
Operating Income	\$44.9		\$34.7	\$20.1	29.4%	123.4%
Operating Margin	14.6%		11.7%	7.5%		
Tax Rate	24.6%		15.2%	(33.1)%		
Net Income	\$26.1	\$20 to \$26	\$21.9	\$17.6	19.2%	48.3%
EPS	\$0.18	\$0.14 to \$0.18	\$0.15	\$0.12	20.0%	50.0%

## SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (NON-GAAP)<sup>1</sup>

<i>\$ in millions, except per share data</i>	<b>4Q16</b>	<b>4Q16 Guidance</b>	<b>3Q16</b>	<b>4Q15</b>	<b>4Q16 over 3Q16</b>	<b>4Q16 over 4Q15</b>
Net Revenue	\$308.5	\$275 to \$290	\$296.7	\$266.8	4.0%	15.6%
Adjusted Gross Margin <sup>2</sup>	42.7%		43.6%	41.0%		
Non-GAAP Operating Expenses <sup>3</sup>	\$76.0		\$75.4	\$72.2	0.8%	5.3%
Adjusted Operating Income	\$55.8		\$53.9	\$37.1	3.5%	50.4%
Adjusted Operating Margin	18.1%		18.2%	13.9%		
Non-GAAP Tax Rate <sup>4</sup>	24.7%		23.2%	(0.3)%		
Non-GAAP Net Income	\$34.3	\$27 to \$33	\$34.6	\$28.8	(0.9%)	19.1%
Non-GAAP EPS	\$0.24	\$0.19 to \$0.23	\$0.24	\$0.20	-	20.0%

1. See GAAP to Non-GAAP reconciliation tables in the appendix of this presentation.

2. Adjusted Gross Margin excludes certain impairment of equipment and severance charges.

3. Non-GAAP Operating Expenses exclude amortization expense, severance and integration costs.

4. Non-GAAP Tax Rate reflects the tax effect of non-GAAP adjustments to GAAP taxes.

## SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (GAAP)

<i>\$ in millions, except per share data</i>	<b>Fiscal Year Ended December 31, 2016</b>	<b>Fiscal Year Ended December 31, 2015</b>	<b>Year-over-Year</b>
Net Revenue	\$1,175.3	\$1,081.1	8.7%
Gross Margin	43.3%	43.5%	
Operating Expenses	\$353.2	\$352.2	0.3%
Operating Income	\$155.5	\$118.1	31.7%
Operating Margin	13.2%	10.9%	
Tax Rate	19.0%	11.1%	
Net Income	\$97.1	\$80.3	20.9%
EPS	\$0.68	\$0.57	19.3%

## SUMMARY – CONSOLIDATED STATEMENT OF OPERATIONS (NON-GAAP)<sup>1</sup>

<i>\$ in millions, except per share data</i>	Fiscal Year Ended December 31, 2016	Fiscal Year Ended December 31, 2015	Year-over-Year
Net Revenue	\$1,175.3	\$1,081.1	8.7%
Adjusted Gross Margin <sup>2</sup>	43.8%	43.5%	
Non-GAAP Operating Expenses <sup>3</sup>	\$306.9	\$292.1	5.1%
Adjusted Operating Income	\$208.0	\$178.1	16.8%
Adjusted Operating Margin	17.7%	16.5%	
Non-GAAP Tax Rate <sup>4</sup>	22.9%	19.0%	
Non-GAAP Net Income	\$132.8	\$120.6	10.1%
Non-GAAP EPS	\$0.94	\$0.85	10.6%

1. See GAAP to Non-GAAP reconciliation tables in the appendix of this presentation.

2. Adjusted Gross Margin excludes certain impairment of equipment and severance charges.

3. Non-GAAP Operating Expenses exclude amortization expense, severance related to organizational realignment, and integration costs.

4. Non-GAAP Tax Rate reflects the tax effect of non-GAAP adjustments to GAAP taxes.

# RESULTS BY SEGMENT

Previous Segmentation



New Segmentation

## Critical Materials Handling

- Liquid Filters and Purifiers
- Gas Filters/Diffusers/Purifiers
- Airborne Molecular Contamination Control Products
- Microenvironments
- Fluid Handling
- Sensing & Control
- Liquid Packaging
- Graphite Products
- Specialty Coatings

## Electronic Materials

- SDS and VAC Based Gases (SG)
- Post Etch/CMP Cleans
- Plating and CMP Components
- Advanced Deposition Products

## Microcontamination Control (MC)

- Liquid Filters and Purifiers
- Gas Filters/Diffusers/Purifiers
- Airborne Molecular Contamination Control Products

## Specialty Chemicals and Engineered Materials (SCEM)

- SDS and VAC Based Gases (SG)
- Post Etch/CMP Cleans
- Plating and CMP Components
- Advanced Deposition Products
- Graphite Products
- Specialty Coatings

## Advanced Materials Handling (AMH)

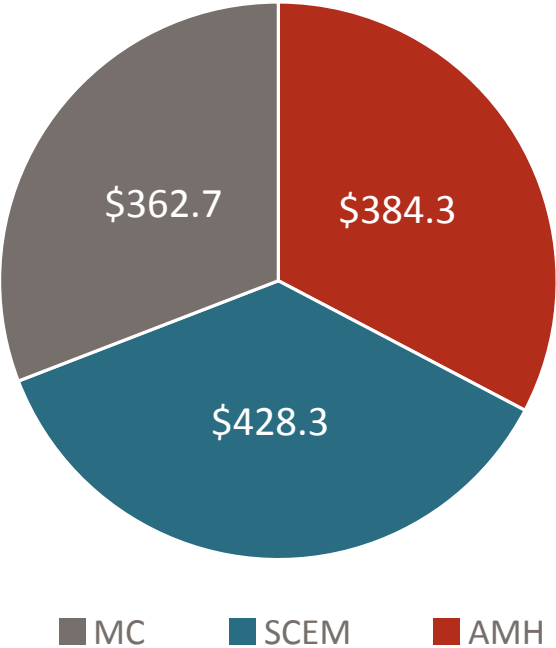
- Microenvironments
- Fluid Handling
- Sensing & Control
- Liquid Packaging



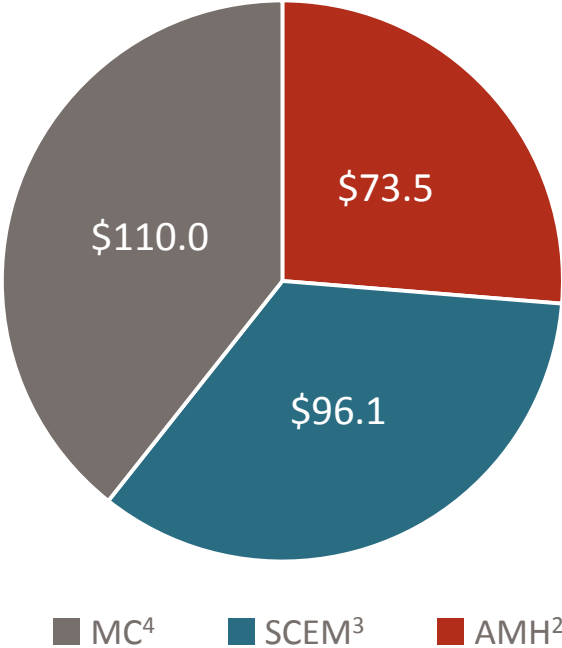


# RESULTS BY SEGMENT

**Fiscal 2016 Sales by Segment**  
\$ in millions



**Fiscal 2016 Profit Margin by Segment<sup>1</sup>**  
\$ in millions



1. Excludes amortization of intangibles and unallocated expenses.

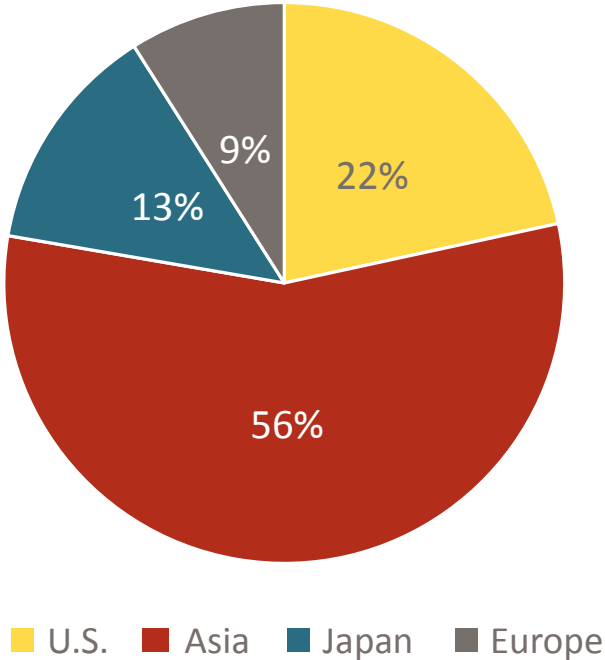
2. Segment profit for AMH for the three months ended October 1, 2016 includes charges for impairment of equipment and severance related to organizational realignment totaling \$6,795.

3. Segment profit for SCEM for the three months ended October 1, 2016 includes a charge for severance related to organizational realignment of \$699.

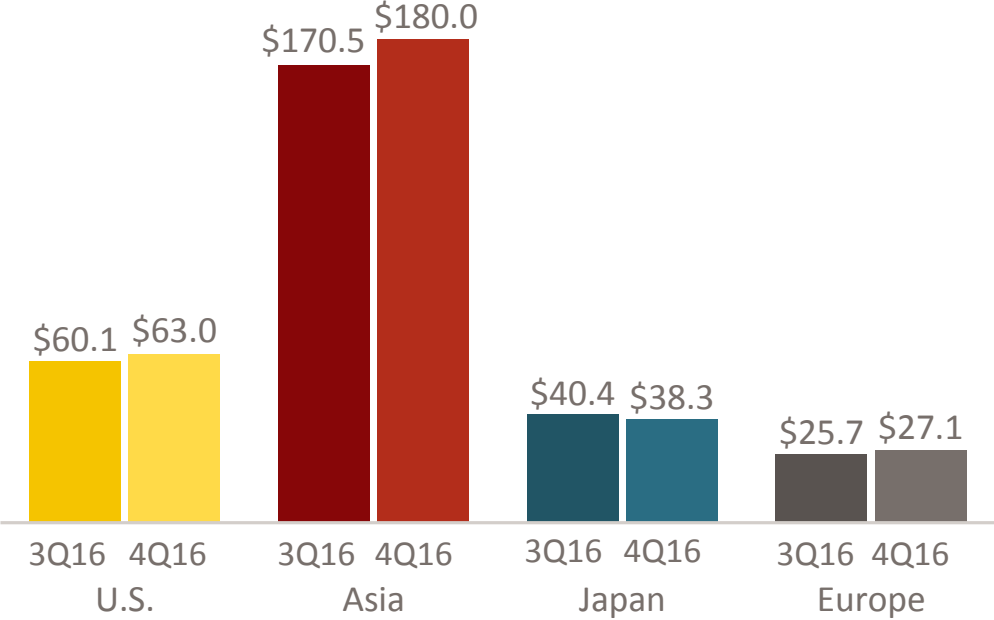
4. Segment profit for MC for the three months ended October 1, 2016 includes a charge for severance related to organizational realignment of \$737.

# REVENUE BY GEOGRAPHY

Revenue By Geography  
FY 2016



Quarter-to-Quarter Revenue by Geography  
\$ in millions

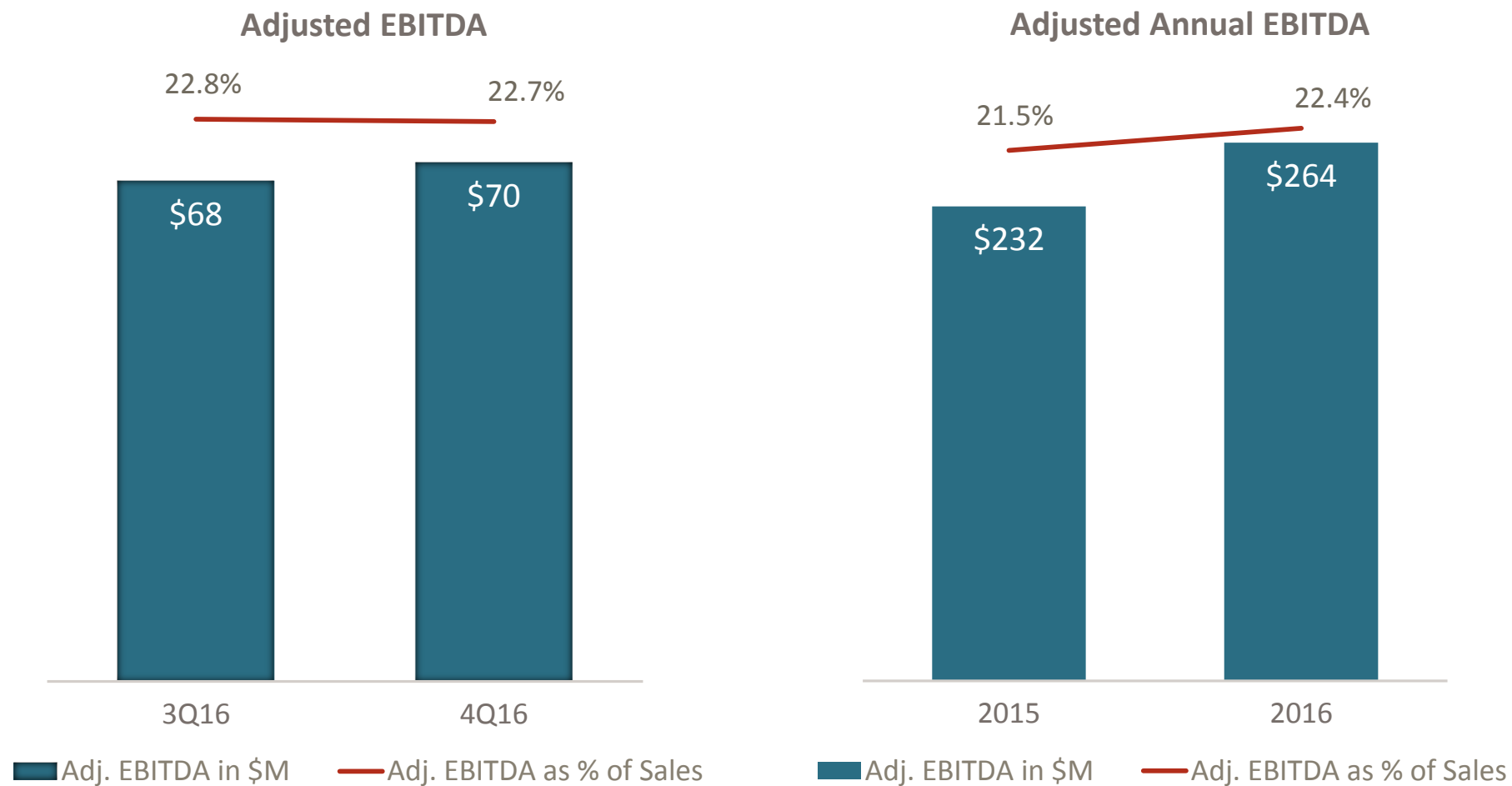


## SUMMARY – BALANCE SHEET ITEMS

<i>\$ in millions</i>	4Q16		3Q16		4Q15	
	\$ Amount	% Total	\$ Amount	% Total	\$ Amount	% Total
Cash & Cash Equivalents	\$406.4	23.9%	\$411.8	24.0%	\$349.8	21.2%
Accounts Receivable, net	\$165.7	9.7%	\$167.6	9.8%	\$141.4	8.6%
Inventories	\$183.5	10.8%	\$186.0	10.9%	\$173.2	10.5%
Net PP&E	\$321.6	18.9%	\$315.5	18.4%	\$321.3	19.5%
Total Assets	\$1,699.5		\$1,713.6		\$1,646.7	
Current Liabilities <sup>1</sup>	\$261.6	15.4%	\$237.7	13.9%	\$175.6	10.7%
Long-term debt, excluding current maturities	\$484.7	28.5%	\$508.8	29.7%	\$606.0	36.8%
Total Liabilities	\$800.3	47.1%	\$816.4	47.6%	\$843.8	51.2%
Total Shareholders' Equity	\$899.2	52.9%	\$897.2	52.4%	\$802.9	48.8%
AR - DSOs	49.0		51.5		48.4	
Inventory Turns	3.8		3.8		3.5	

1. Current Liabilities in 4Q16, 3Q16, 4Q15 includes \$100 million, \$100 million, and \$50 million of current maturities of long term debt, respectively.

## ADJUSTED EBITDA MARGIN<sup>1</sup>



1. See Reconciliation of GAAP Income to Adjusted Operating Income and Adjusted EBITDA in the appendix of this presentation.

## CASH FLOWS

<i>\$ in millions</i>	<b>4Q16</b>	<b>3Q16</b>	<b>4Q15</b>
Beginning Cash Balance	\$411.8	\$373.7	\$301.1
Cash from operating activities	57.1	71.9	52.2
Capital expenditures	(20.0)	(13.1)	(16.3)
Payments on long-term debt	(25.0)	(25.0)	-
Other investing activities	0.1	0.1	5.9
Other financing activities	(3.2)	(0.2)	6.4
Effect of exchange rates	(14.3)	4.3	0.5
Ending Cash Balance	\$406.4	\$411.8	\$349.8
Free Cash Flow <sup>1</sup>	\$37.1	\$58.8	\$35.9
Adjusted EBITDA	\$70.1	\$67.7	\$51.4

1. Free cash flow equals cash from operations less capital expenditures.

## OUTLOOK

### GAAP

<i>\$ in millions, except per share data</i>	<b>1Q17 Guidance</b>	<b>4Q16</b>	<b>4Q15</b>
Net Revenue	\$295 to \$310	\$308.5	\$266.8
Gross Margin		42.7%	41.0%
Operating Expenses	\$87 to \$89	\$86.9	\$89.2
Net Income	\$25 to \$31	\$26.1	\$17.6
EPS	\$0.18 to \$0.22	\$0.18	\$0.12

### Non-GAAP

<i>\$ in millions, except per share data</i>	<b>1Q17 Guidance</b>	<b>4Q16</b>	<b>4Q15</b>
Net Revenue	\$295 to \$310	\$308.5	\$266.8
Gross Margin		42.7%	41.0%
Non-GAAP Operating Expenses <sup>1</sup>	\$76 to \$78	\$76.0	\$72.2
Non-GAAP Net Income	\$32 to \$38	\$34.3	\$28.8
Non-GAAP EPS	\$0.23 to \$0.27	\$0.24	\$0.20

Non-GAAP operating expenses exclude amortization. In 4Q16, amortization is estimated to be approximately \$11 million, or \$0.05 per share.



## APPENDIX: NON-GAAP RECONCILIATION TABLES

---



## NON-GAAP RECONCILIATION TABLE

### RECONCILIATION OF GAAP TO ADJUSTED OPERATING INCOME AND ADJUSTED EBITDA

*\$ in thousands (unaudited)*

	Three months ended			Twelve months ended	
	December 31, 2016	December 31, 2015	October 1, 2016	December 31, 2016	December 31, 2015
Net sales	\$308,502	\$266,786	\$296,692	\$1,175,270	\$1,081,121
Net income	\$26,098	\$17,573	\$21,947	\$97,147	\$80,296
Adjustments to net income:					
Equity in net loss of affiliates	—	1,469	—	—	1,687
Income tax expense (benefit)	8,521	(4,731)	3,945	22,852	10,202
Interest expense, net	8,983	9,694	9,345	36,528	38,238
Other expense (income), net	1,303	(3,889)	(565)	(991)	(12,355)
GAAP - Operating income	44,905	20,116	34,672	155,536	118,068
Severance related to organizational realignment	—	—	2,405	2,405	—
Impairment of equipment	—	—	5,826	5,826	—
Integration costs		5,584	0	—	12,667
Amortization of intangible assets	10,938	11,441	10,974	44,263	47,349
Adjusted operating income	55,843	37,141	53,877	208,030	178,084
Depreciation	14,303	14,225	13,795	55,623	54,305
Adjusted EBITDA	\$70,146	\$51,366	\$67,672	\$263,653	\$232,389
Adjusted operating margin	18.1%	13.9%	18.2%	17.7%	16.5%
Adjusted EBITDA - as a % of net sales	22.7%	19.3%	22.8%	22.4%	21.5%

## NON-GAAP RECONCILIATION TABLE

### RECONCILIATION OF GAAP PROFIT TO ADJUSTED GROSS PROFIT

*\$ in thousands (unaudited)*

	Three months ended			Twelve months ended	
	December 31, 2016	December 31, 2015	October 1, 2016	December 31, 2016	December 31, 2015
Net sales	\$308,502	\$266,786	\$296,692	\$1,175,270	\$1,081,121
Gross profit-GAAP	\$131,800	\$109,298	\$122,980	\$508,691	\$470,231
Adjustments to gross profit:					
Severance related to organizational realignment	—	—	431	431	—
Impairment of equipment	—	—	5,826	5,826	—
Adjusted gross profit	\$131,800	\$109,298	\$129,237	\$514,948	\$470,231
Gross margin - as a % of net sales	42.7%	41.0%	41.5%	43.3%	43.5%
Adjusted gross margin - as a % of net sales	42.7%	41.0%	43.6%	43.8%	43.5%

## NON-GAAP RECONCILIATION TABLE

### RECONCILIATION OF GAAP TO NON-GAAP EARNINGS PER SHARE

<i>\$ in thousands except for per share data (unaudited)</i>	Three months ended			Twelve months ended	
	December 31, 2016	December 31, 2015	October 1, 2016	December 31, 2016	December 31, 2015
GAAP net income	\$26,098	\$17,573	\$21,947	\$97,147	\$80,296
Adjustments to net income:					
Severance related to organizational realignment	—	—	2,405	2,405	—
Impairment of equipment	—	—	5,826	5,826	—
Integration costs	—	5,584	—	—	12,667
Net gain on sale of investments	—	(2,016)	—	(156)	(1,449)
Amortization of intangible assets	10,938	11,441	10,974	44,263	47,349
Tax effect of adjustments to net income and discrete items	(2,742)	(3,760)	(6,505)	(16,637)	(18,248)
Non-GAAP net income	<u>\$34,294</u>	<u>\$28,822</u>	<u>\$34,647</u>	<u>\$132,848</u>	<u>\$120,615</u>
Diluted earnings per common share	\$0.18	\$0.12	\$0.15	\$0.68	\$0.57
Effect of adjustments to net income	\$0.06	\$0.08	\$0.09	\$0.25	\$0.29
Diluted non-GAAP earnings per common share	<u>\$0.24</u>	<u>\$0.20</u>	<u>\$0.24</u>	<u>\$0.94</u>	<u>\$0.85</u>