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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

Form 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

October 30, 2013

Materion Corporation

(Exact name of registrant as specified in its charter)

Ohio

001-15885

34-1919973

(State or other jurisdiction of  
incorporation)

(Commission File  
Number)

(I.R.S. Employer Identification  
No.)

6070 Parkland Blvd., Mayfield Hts., Ohio

44124

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

216-486-4200

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-

**Item 7.01 Regulation FD Disclosure.**

On October 30, 2013, Materion Corporation updated its website with a slide presentation that will be presented to investors. A copy of the presentation is attached hereto as Exhibit 99.1.

**Item 9.01 Financial Statements and Exhibits.**

*Exhibits.*

<u>Exhibit Number</u>	<u>Description of Exhibit</u>
99.1	October 2013 Investor Presentation

## 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 hereunto duly authorized.

Materion Corporation

October 30, 2013

By: /s/ Michael C. Hasychak

Michael C. Hasychak

Vice President, Treasurer and Secretary

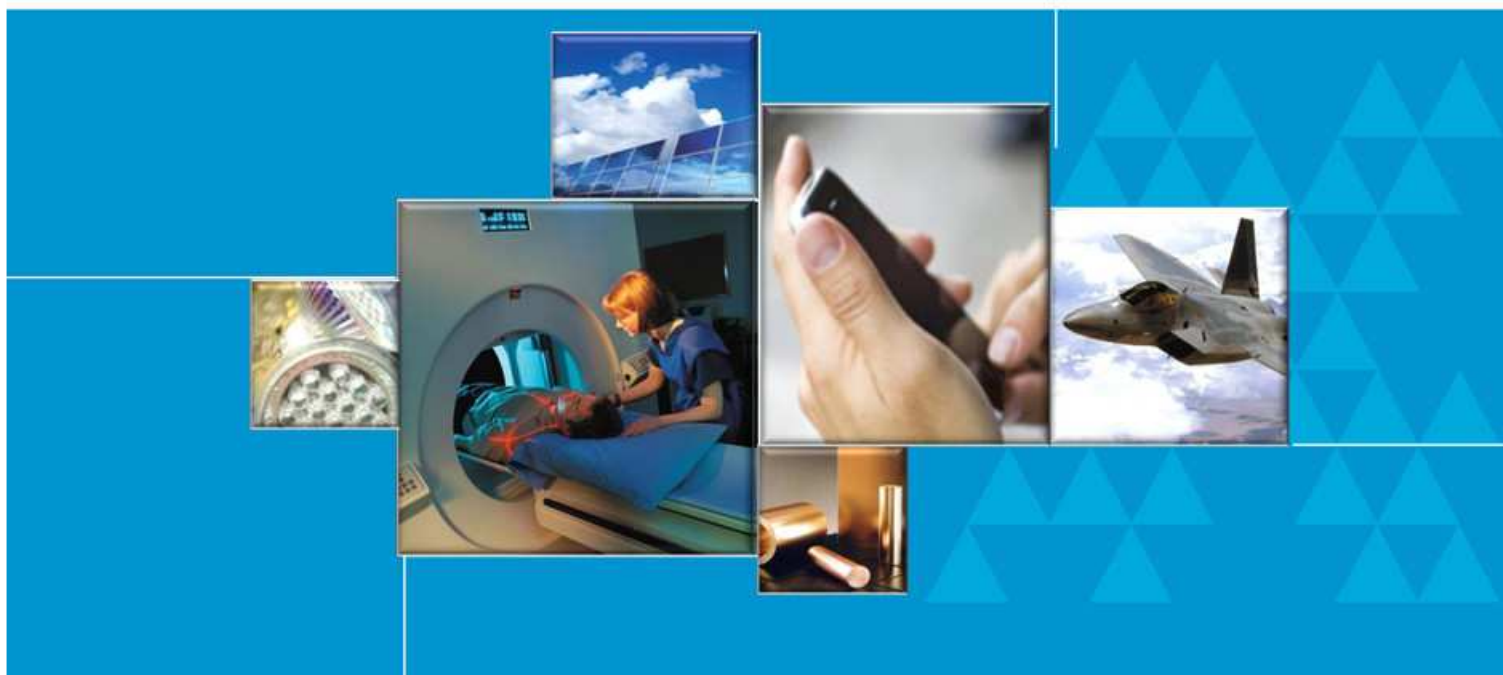
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## Exhibit Index

Exhibit No.	Description
99.1	October 2013 Investor Presentation



Exhibit 99.1



## Materion Corporation – Investor Presentation

October 2013

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# Forward-Looking Statements



These slides contain (and the accompanying oral discussion will contain) “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. These statements involve known and unknown risks, uncertainties and other factors that could cause the actual results of the Company to differ materially from the results expressed or implied by these statements, including health issues, litigation and regulation relating to our business, our ability to achieve and/or maintain profitability, significant cyclical fluctuations in our customers' businesses, competitive substitutes for our products, risks associated with our international operations, including foreign currency rate fluctuations, energy costs and the availability and prices of raw materials, the timing and ability to achieve further efficiencies and synergies resulting from our name change and product line alignment under the Materion name and brand, and other factors disclosed in periodic reports filed with the Securities and Exchange Commission. Consequently these forward-looking statements should be regarded as the Company's current plans, estimates and beliefs.















The Company does not undertake and specifically declines any obligation to publicly release the results of any revisions to these forward-looking statements that may be made to reflect any future events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events.

- An Advanced Materials Company
- Strong Global Positions in Attractive and Growing Markets
- Solid Record of Long-term Growth
- Strong Value-added<sup>1</sup> Margins
- Market Cap: \$673 Million 9/27/13
- Shares Outstanding: 20.9 million
- Annual EPS: \$1.40 - \$1.45 (Forecast 2013)<sup>2</sup>
- Strong Balance Sheet: Debt-to-Debt-Plus Equity 17%
- Dividend: \$0.32 annualized

<sup>1</sup>Excludes pass-through metals

<sup>2</sup>Excluding costs of up to \$0.15 per share related to the facility and product rationalizations

# Identify High Growth Secular Markets

Market	Q3 2013 % of Value-added Sales	Macro Trends	Key Drivers
Consumer Electronics	 28%		<ul style="list-style-type: none"> <li>• Smartphone growth</li> <li>• Tablet computers &amp; LEDs</li> <li>• Miniaturization</li> </ul>
Industrial Components & Commercial Aerospace	 17%		<ul style="list-style-type: none"> <li>• New airplane builds &amp; retrofits</li> <li>• Increasing air travel</li> <li>• Heavy equipment builds</li> </ul>
Automotive Electronics	 11%		<ul style="list-style-type: none"> <li>• Increasing global car production</li> <li>• HEV/EV lithium ion battery components</li> <li>• Engine control &amp; electronic systems</li> </ul>
Medical	 11%		<ul style="list-style-type: none"> <li>• Glucose testing</li> <li>• Blood analysis test coating for medical diagnosis</li> <li>• Diagnostics equipment</li> </ul>
Defense & Science	 10%		<ul style="list-style-type: none"> <li>• DoD &amp; foreign military budgets</li> <li>• Demand for communications satellites</li> <li>• High performance optical devices</li> </ul>
Energy	 8%		<ul style="list-style-type: none"> <li>• Directional drilling</li> <li>• Rig counts</li> <li>• Solar, batteries &amp; smart grid devices</li> </ul>
Telecommunications Infrastructure	 6%		<ul style="list-style-type: none"> <li>• Global 3G/4G builds</li> <li>• Base stations</li> <li>• Undersea fiber-optics expansion</li> </ul>



# Unique Global Positions – Advanced Materials



		Leading Global Position
	<ul style="list-style-type: none"><li>• High Purity Gold Products for Semiconductor Fabrication (Wireless &amp; LED)<ul style="list-style-type: none"><li>– Offering “full metal management” capabilities</li></ul></li></ul>	<input checked="" type="checkbox"/>
	<ul style="list-style-type: none"><li>• World's Only Fully Integrated Producer of Beryllium and Beryllium Alloys<ul style="list-style-type: none"><li>– Over 75 years of reserves at Utah</li></ul></li></ul>	<input checked="" type="checkbox"/>
	<ul style="list-style-type: none"><li>• Unique Copper-nickel-tin Material ToughMet®<ul style="list-style-type: none"><li>– Multiple advanced applications growing at over 30% annually</li></ul></li></ul>	<input checked="" type="checkbox"/>
	<ul style="list-style-type: none"><li>• Precision Optical Coatings – Visible to Infrared Bandwidth<ul style="list-style-type: none"><li>– “Go To” Supplier for defense, thermal imaging, space, medical and advanced consumer applications</li></ul></li></ul>	<input checked="" type="checkbox"/>
	<ul style="list-style-type: none"><li>• Specialty Coatings for Blood Analysis Test Strips for Medical Diagnosis<ul style="list-style-type: none"><li>– Diabetes</li></ul></li></ul>	<input checked="" type="checkbox"/>

# Broadening our Reach Through Acquisitions and Materials Innovation



2002

Beryllium  
and Alloys

Industrial Precious  
Metals and  
Microelectronics  
Packaging

Key Markets:

Automotive Electronics  
Defense and Science  
Telecom & Infrastructure  
Semiconductor  
Appliance

Today

Beryllium  
and Alloys

Industrial Precious  
Metals and  
Microelectronics  
Packaging

New Non-Be  
Alloys and  
Composites

Broadened Precious  
and Semi-Precious  
Metals

Specialty  
Chemicals

Optical and  
Medical Coatings

Key Markets:

Automotive Electronics  
Defense and Science  
Telecom & Infrastructure  
Semiconductor  
Appliance

Plus

Expansion and/or entry into the  
following:

Consumer Electronics  
Commercial Aerospace  
Heavy Industrial Equipment  
Services  
Optical  
Energy – Conventional and Alternative  
Medical

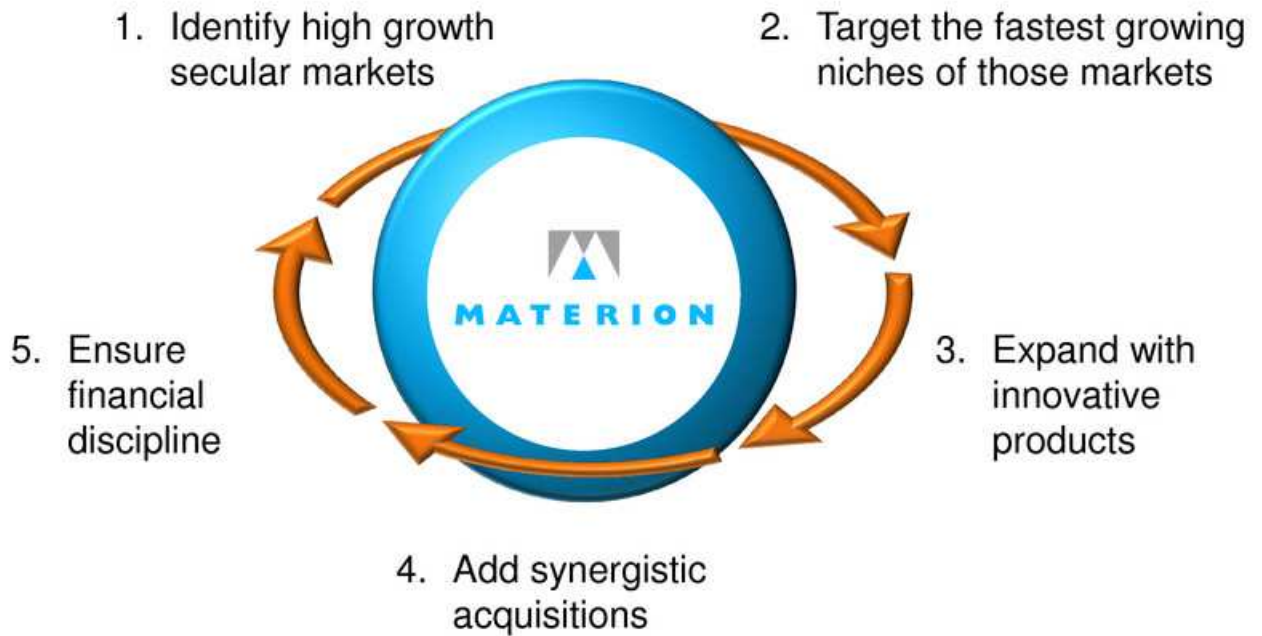
## Removing High Value Metals Clarifies Margins

	GAAP Margin	Value-added <sup>(1)</sup> Margin
Gross Profit	16% - 18%	35% - 40%
Operating Profit	3% - 5%	9% - 12%

# Successful Repositioning – Snapshot

	2002		2012
Revenue	\$0.4B	→	\$1.3B
Debt-to-Debt-Plus-Equity	43%	→	19%
Working capital* % of sales	41%	→	29%
Cyclicality	High	→	Lower
Growth	Low	→	Higher

\* A/R, Inventory & A/P



## Operations in US and 10 Countries



- Customers in >50 countries
- Expanded presence in Asia

## Significant and Expanding International Sales Q3 2013

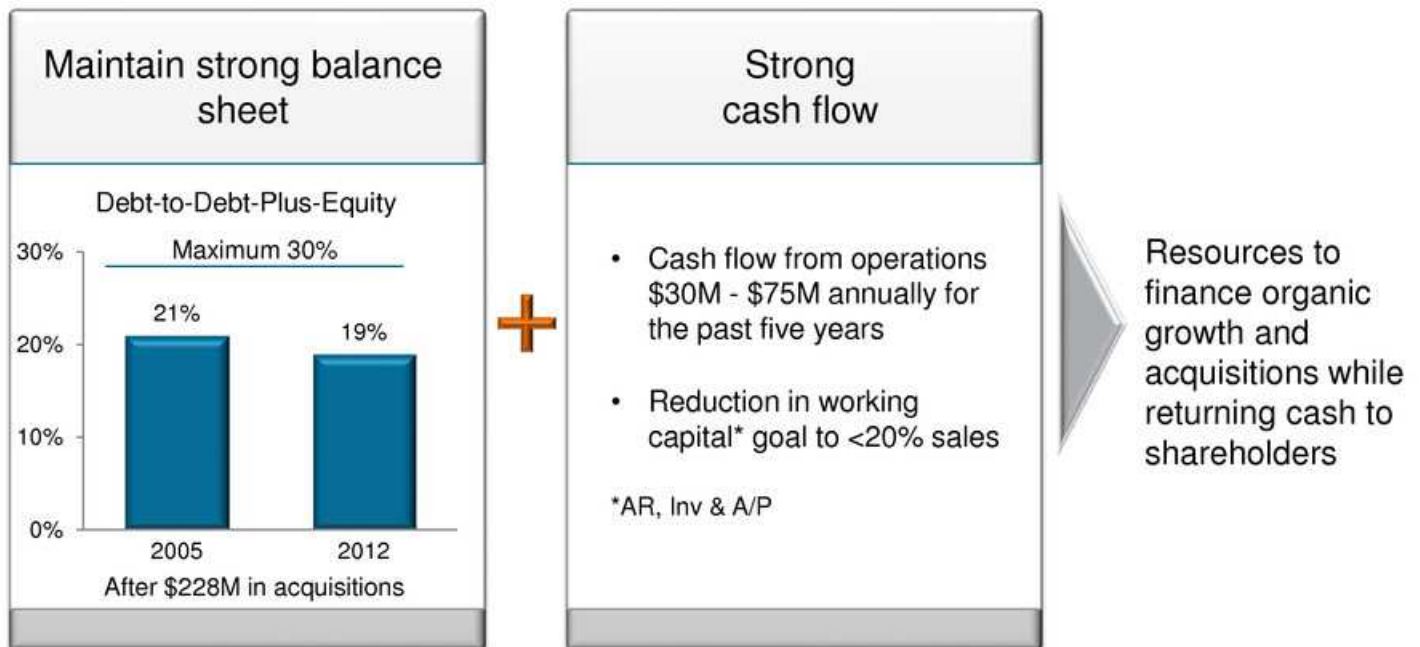




- Leveraging customer-centric product development
- Active development programs to take advantage of secular trends
- Key product areas of focus include
  - LEDs
  - Wireless
  - Medical
  - Commercial Aerospace
  - Energy
  - Commercial Optics
  - Hybrid & Electric Vehicles
  - Memory Storage Devices
  - Science
  - Automotive Electronics
  - Semi-conductor



# Ensure Financial Discipline



**Each 5% reduction of working capital as a % of sales results in \$65 million of cash**



# Financial Goals Next 3 - 5 Years

	Next 3 - 5 years
Value-added revenue growth	>6%
Margins (OP % VA)	12% - 16%
Acquisitions	\$50M - \$100M Annually
Working capital % sales	<20%
Debt-to-Debt-Plus-Equity	<30%
ROIC (pre-tax)	>18%



# Why Invest in Materion Corporation?

## Positioning

### A leader in high-growth markets

- Global player in strong secular growth markets
- Sustainable long-term growth

## Performance

### Strong performance record

- Proven business model
- Target, capture niche, then expand

## Growth

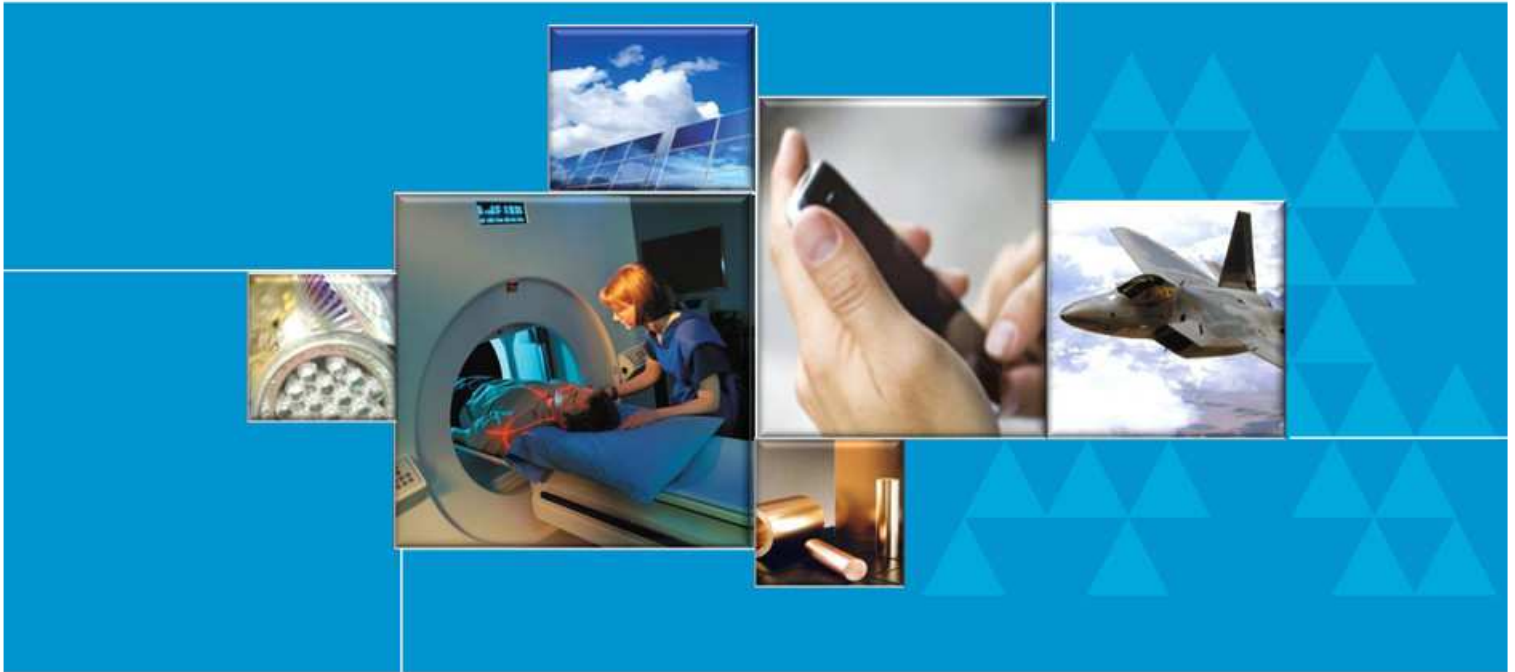
### Executing three point strategy

- Clear financial goals, performance continuing to improve
- Strong value today





**MATERION**



## Appendix

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# Target High Growth, Leading-edge Markets



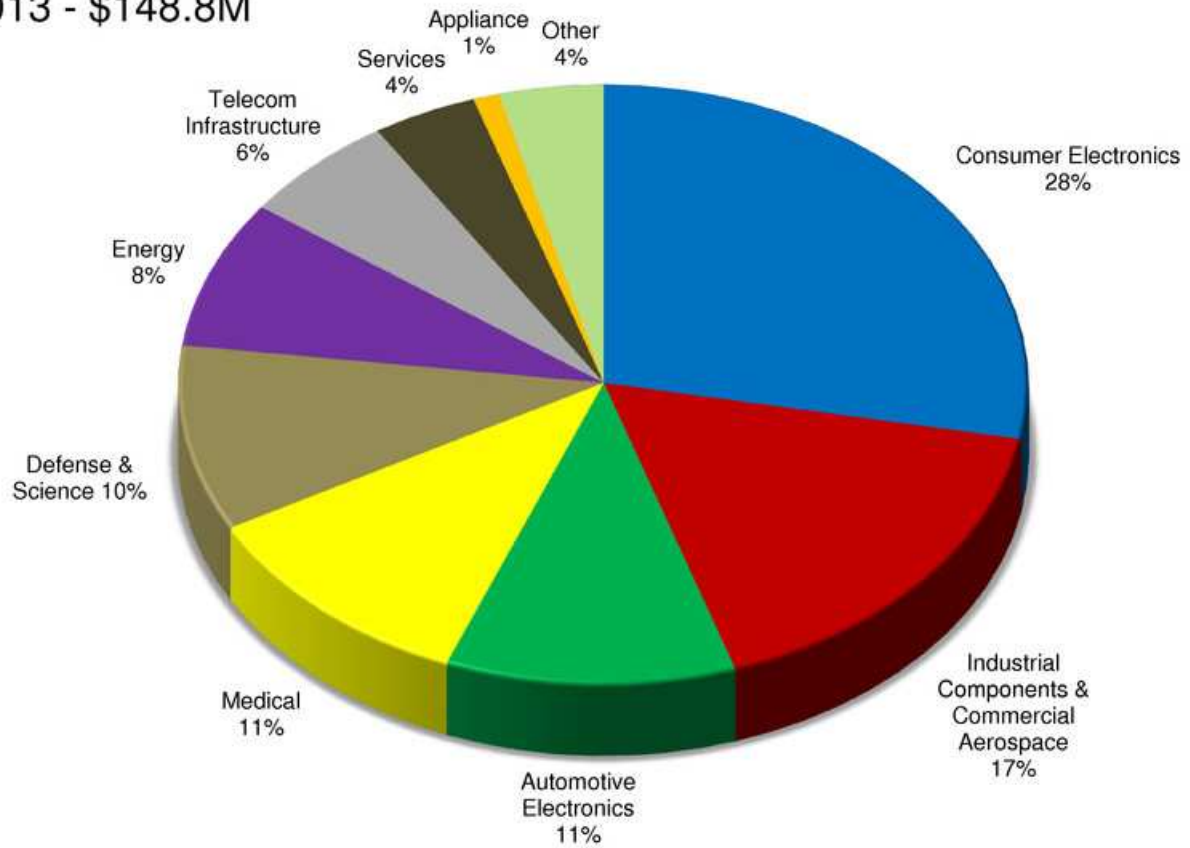
## Reportable Segments

Key Markets	ADVANCED MATERIAL TECHNOLOGIES <small>Precious, Non-precious, Specialty Metal and Inorganic Materials, Electronic Packages and Components</small>	PERFORMANCE ALLOYS <small>Bulk and Strip Form Products and Beryllium Hydroxide</small>	BERYLLIUM & COMPOSITES <small>Beryllium and Beryllia Ceramic Products</small>	TECHNICAL MATERIALS <small>Specialty Strip Metal Products</small>
CONSUMER ELECTRONICS	▲	▲	▲	▲
INDUSTRIAL COMPONENTS & COMM. AEROSPACE	▲	▲	▲	
AUTOMOTIVE ELECTRONICS	▲	▲	▲	▲
MEDICAL	▲	▲	▲	▲
DEFENSE & SCIENCE	▲	▲	▲	▲
ENERGY	▲	▲	▲	▲
TELECOM INFRASTRUCTURE	▲	▲	▲	▲

# Value-added Sales: Materion



Q3 2013 - \$148.8M



A-2

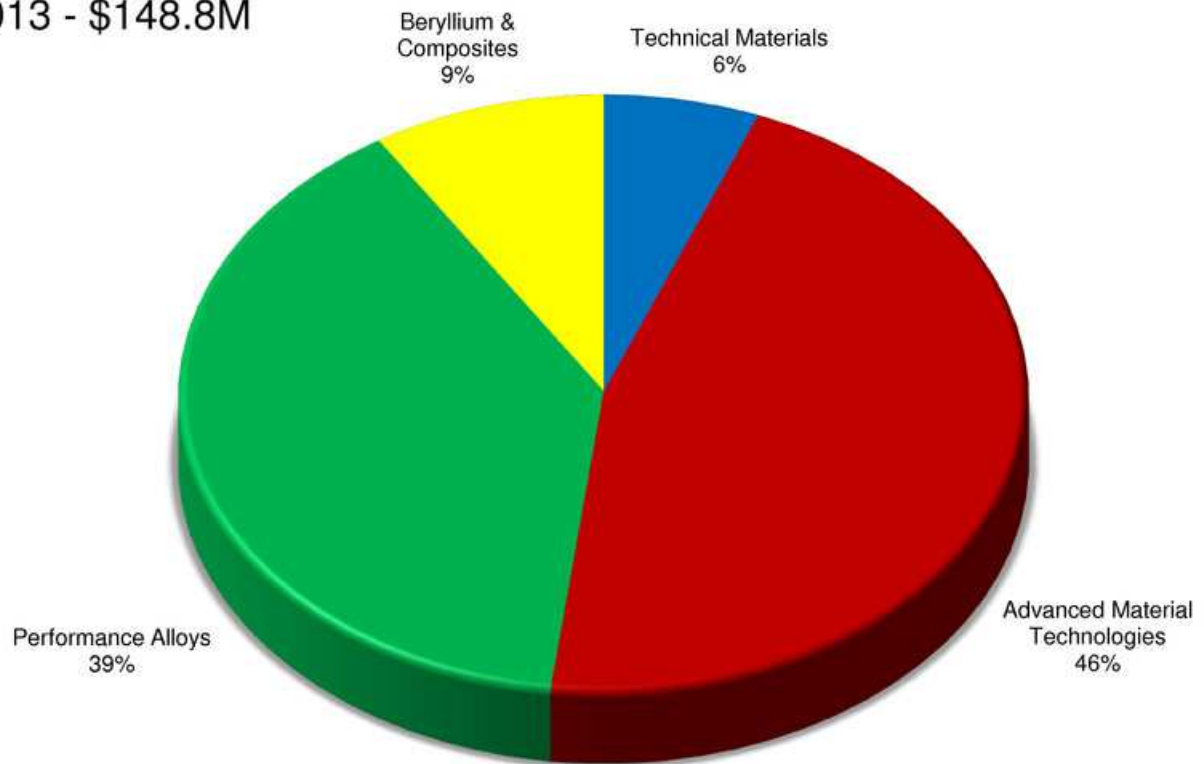
OP% of Value-added sales 4.0%



# Value-added Sales: By Segment



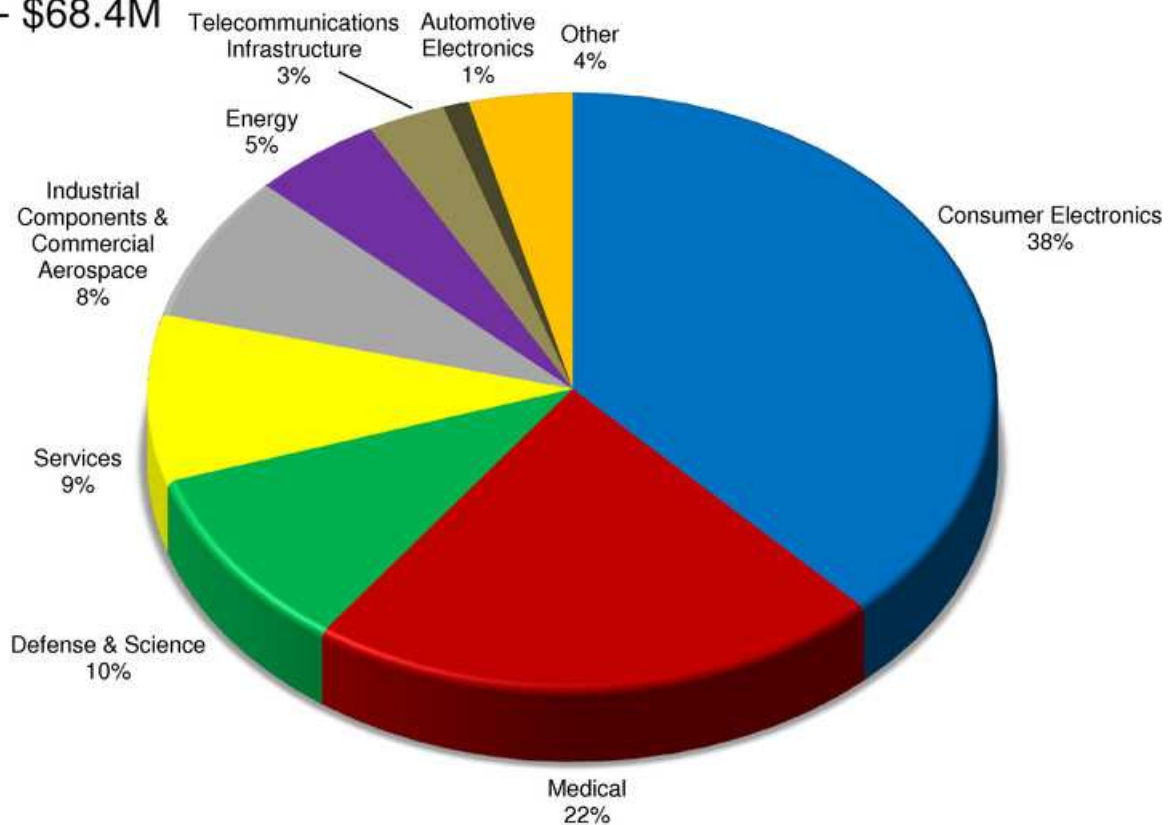
Q3 2013 - \$148.8M



# Value-added Sales: Advanced Material Technologies



Q3 2013 - \$68.4M



A-4

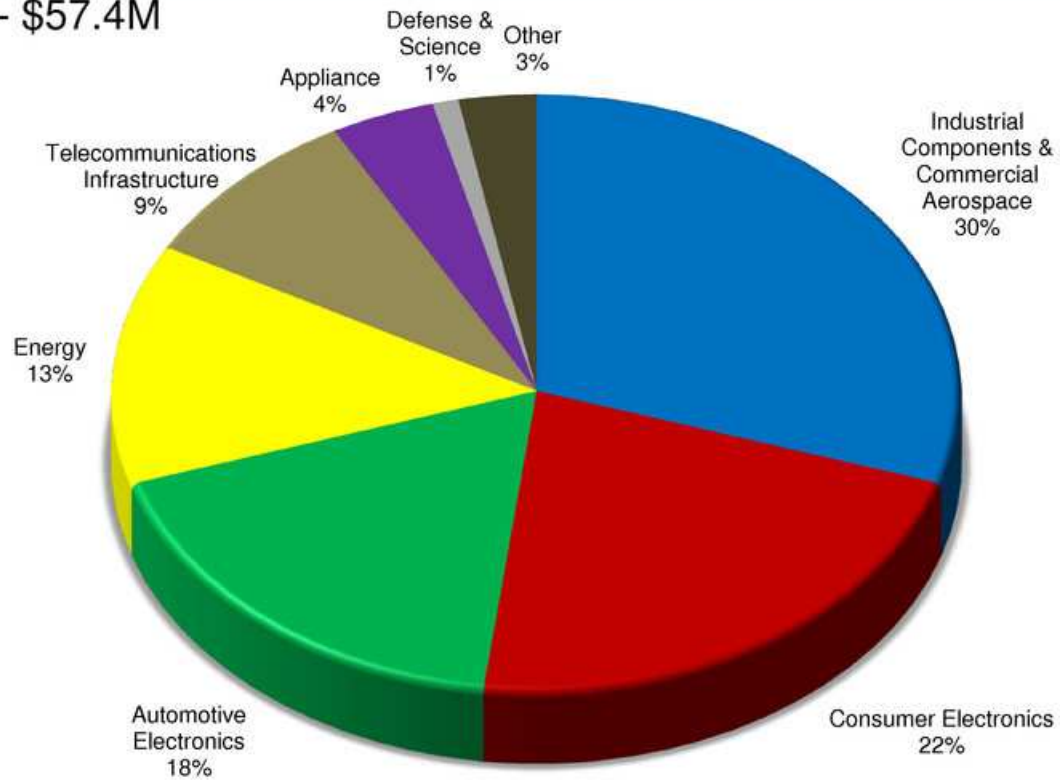
OP% of Value-added Sales 7.0%



# Value-added Sales: Performance Alloys



Q3 2013 - \$57.4M



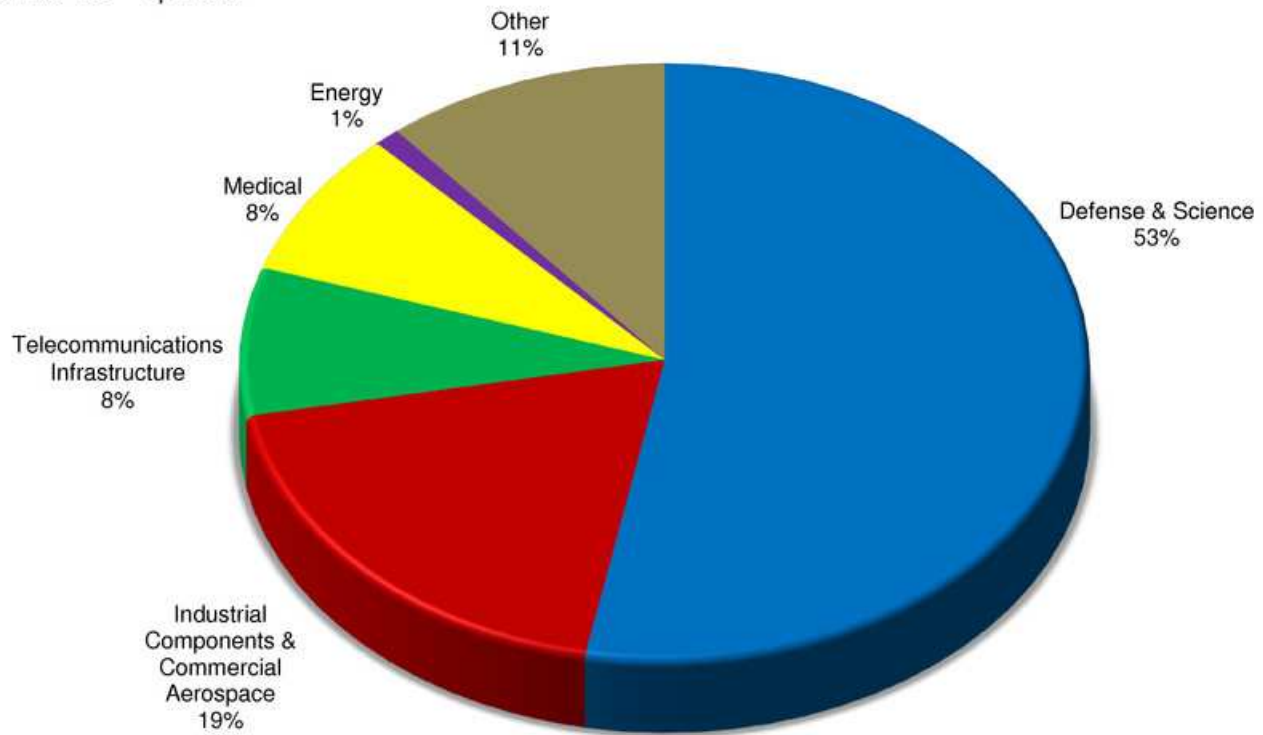
A-5

OP% of Value-added Sales 7.9%

# Value-added Sales: Beryllium and Composites



Q3 2013 - \$13.7

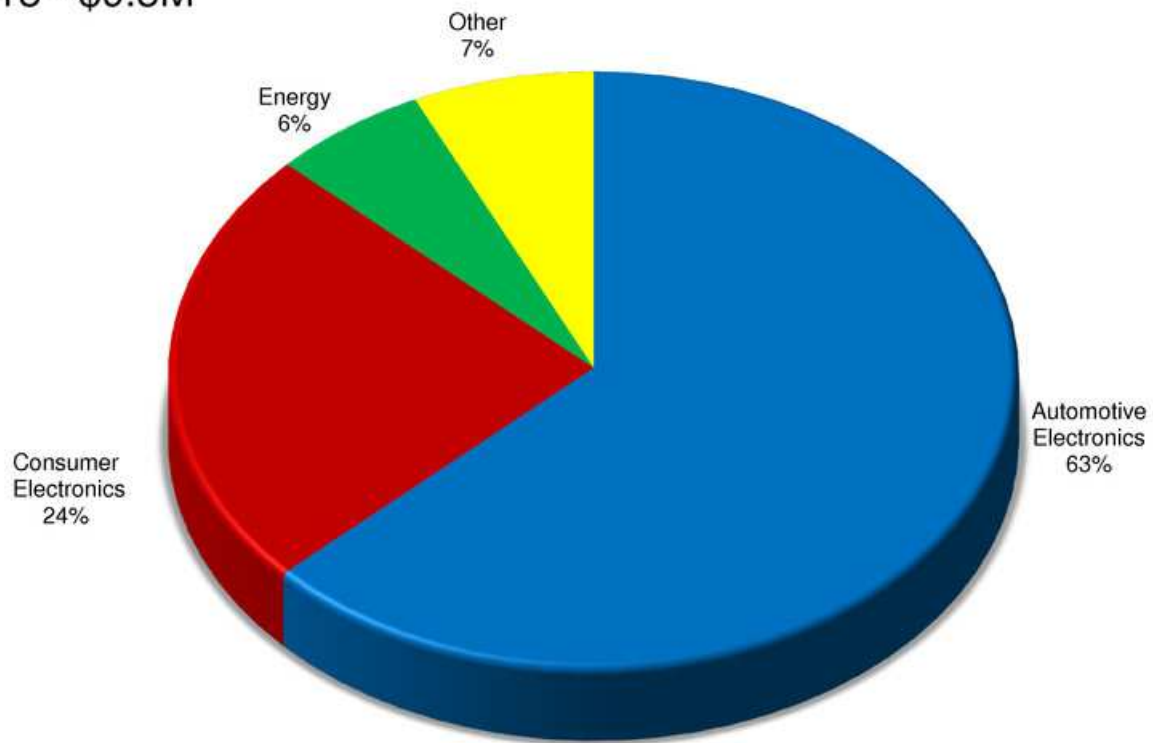


OP% of Value-added Sales (24.2%)

# Value-added Sales: Technical Materials



Q3 2013 - \$9.3M

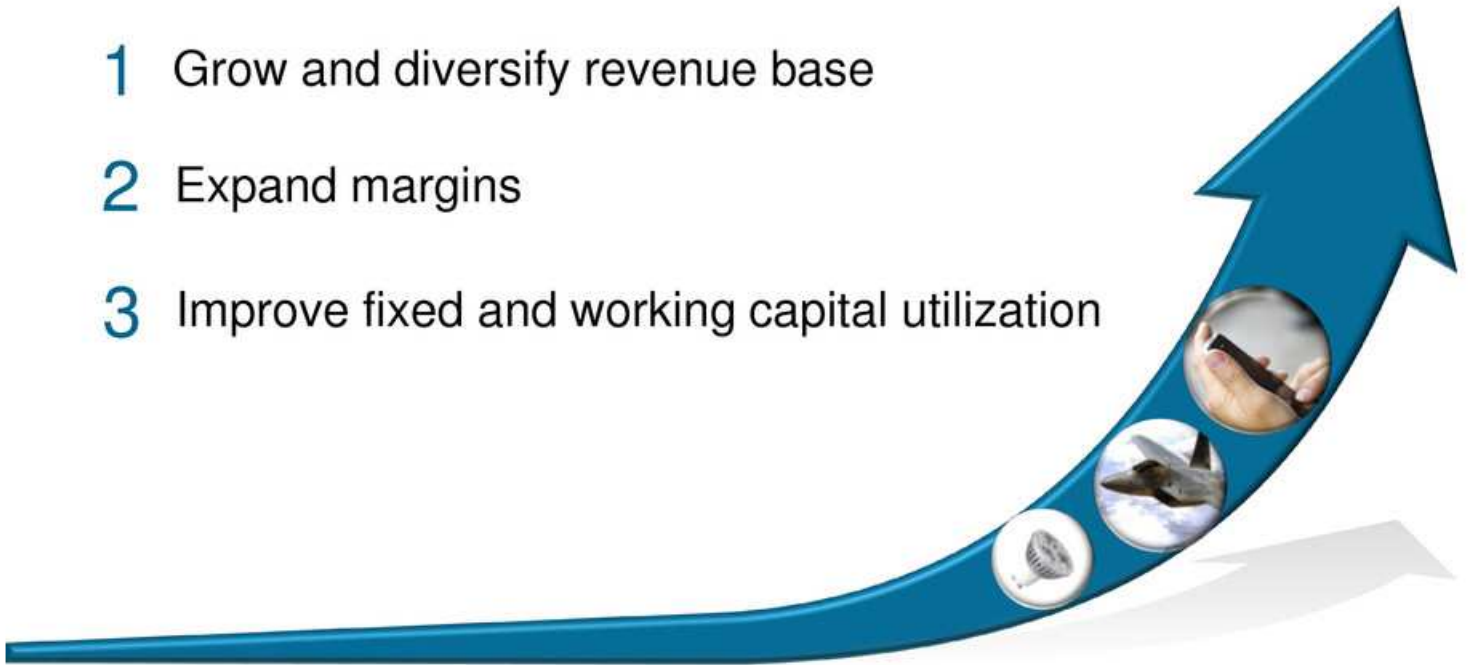


OP% of Value-added Sales 15.3%

1. High Purity Gold and Silver for Industrial Applications
2. Powder Science and Processing (Vacuum, Hot and Cold Isostatic Pressing, Press/Sinter) ... Metal, Ceramic and Chemical
3. Full Metal Processing Technology (Melting, Casting, Rolling, Extrusion)
4. Selective Electroplating
5. Precision Optical Filters and Coating Technology
6. Thin Film Large Area Coating
7. Numerous "Specialties" ... Cladding, Electron Beam Welding, Diffusion Bonding
8. Shield Kit Cleaning
9. Chemical Synthesis
10. Amorphous Metals

## Increasing Shareholder Value

- 1 Grow and diversify revenue base
- 2 Expand margins
- 3 Improve fixed and working capital utilization



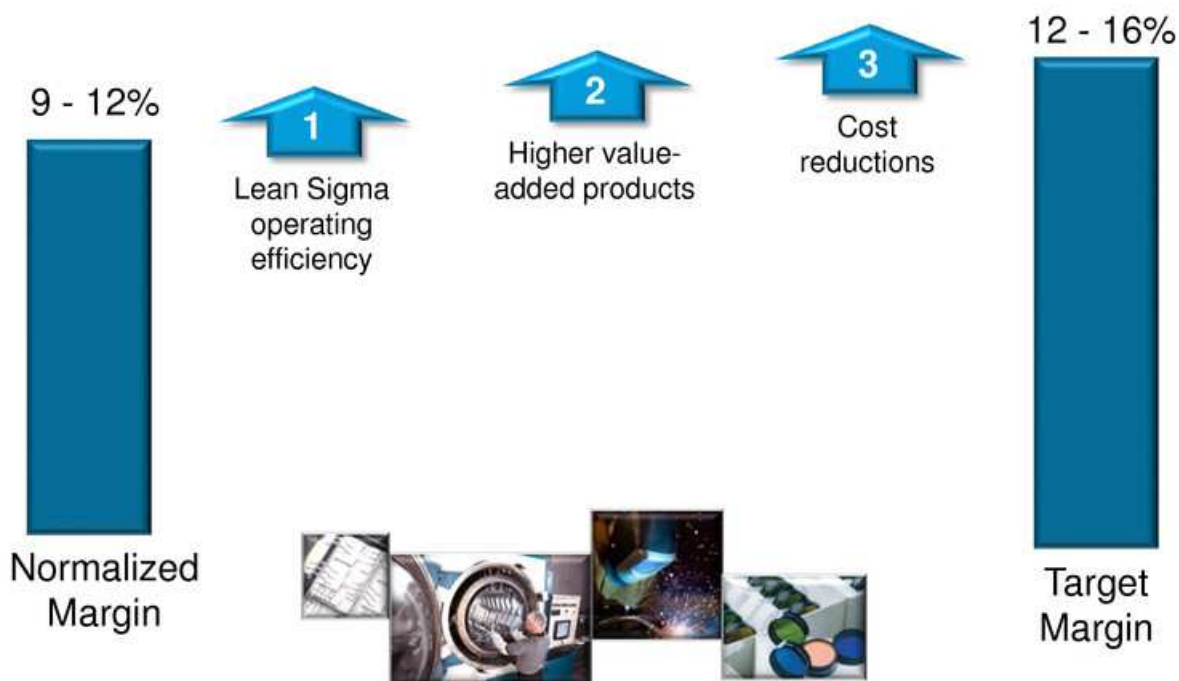
# Expand and Diversify Revenue Base

- Targeting expansion in secular growth markets including:
  - Smart mobile devices, 3G / 4G, commercial aerospace, oil & gas, alternative energy, optics, LED / LCD
- Ongoing global expansion
  - Asia
- Strategic acquisition → fast accretion
  - Technology breadth
  - Global reach
  - Product diversification



# Expand Margins – Key Drivers

(OP % VA)



Excludes non-recurring items and pass-through metals



# Improve Fixed and Working Capital Efficiency

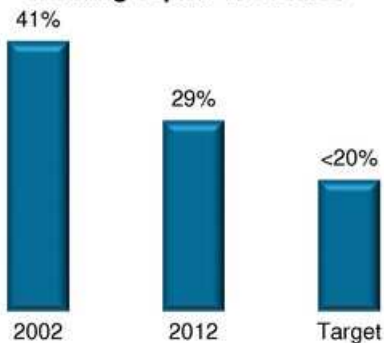
## Lean Sigma

- Cycle time reduction
- Yield improvement
- On-time shipments



## Improve Working Capital Efficiency

Working capital % of sales



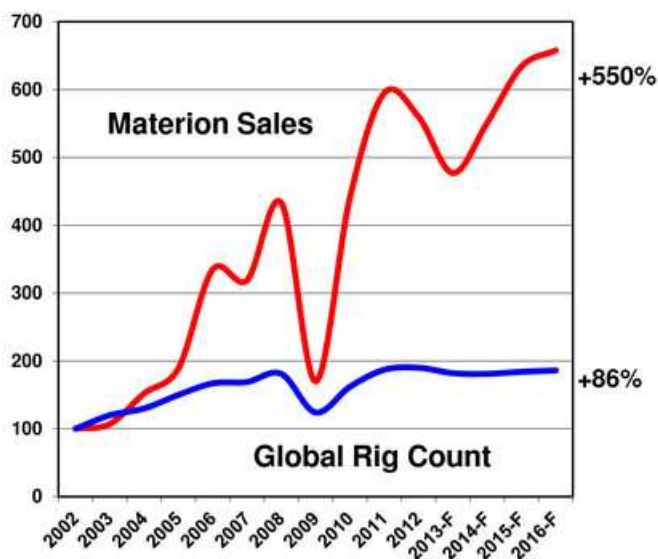
Each 5% reduction in working capital as a % of sales = \$65M of cash



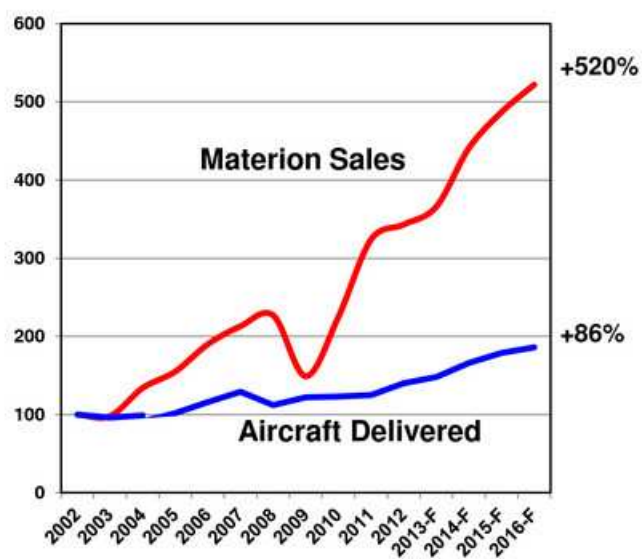
# Strategy in Action: Outgrowing Growth Markets



Growth of Materion  
Oil and Gas Sales vs. Market



Growth of Materion  
Aerospace Sales vs. Market



## Advanced Material Technologies

- Expanded Refining/Chamber Services – Complement to Thin Film Materials & Coating Businesses
- Nanotechnology Materials
- Materials for High Brightness LEDs
- Specialty Inorganic Compounds (solar, security)
- Global Refining and Metal Recovery and Management Services
- Ultra High Purity Metals for Medical and Semiconductor Applications
- Next Generation Magnetic Data Storage Thin Film Head Materials
- Alternative Chemistry for Shield Kit Cleaning

## Advanced Material Technologies (cont.)

### Coatings

- Thin Film Vapor Deposited Electrodes for Medical Diagnostics
- Precision Optical Thin Film Coatings (Specialty Filters)
- Large Area Format Serving Astronomy, Space, Science
- Multi-hyper – Spectral Array Filters
- Patterned Medical Large Area Coatings Capabilities

### Packaging

- Optical Package for New Photonics Applications
- RF Packages for the Latest Transistor Technology (3G and 4G Infrastructure)
- MEMS and Photovoltaic Packaging Materials

## Performance Alloys

- ToughMet® Alloy “Strip” for High Volume Bearing Applications
- BrushForm 158 “Strip” for Cell Phone Camera Suspension Applications
- ToughMet® Alloy “Wire” for Next Generation Cell Phone Camera Suspension Applications
- ToughMet® Alloy “Bulk” with Enhanced Impact Toughness
- ToughMet® Alloy “Sheet” for Vehicle Gearboxes
- “Next Generation” Alloy for Oil & Gas

## Beryllium and Composites

- Nearer Net Shape Fabrication (hot isostatic pressing)
- Truextent™ Speaker Diaphragms
- Investment Casting
- Amorphous Metals
- SupremEX™ Aluminum Metal Matrix Composites
- Improved Foils for X-ray Windows
- Durox® Alumina Ceramics

## Technical Materials

- Hybrid & Electric Vehicle Battery Components
- Power Electronics
- Smart Grid Meters

## Internal Antenna Contacts

## Grounding Clips and Audio Jacks

## Micro Mezzanine Connectors for LCD Screen

## I/O Connector Contacts

## Battery Contacts



## Internal Electronics

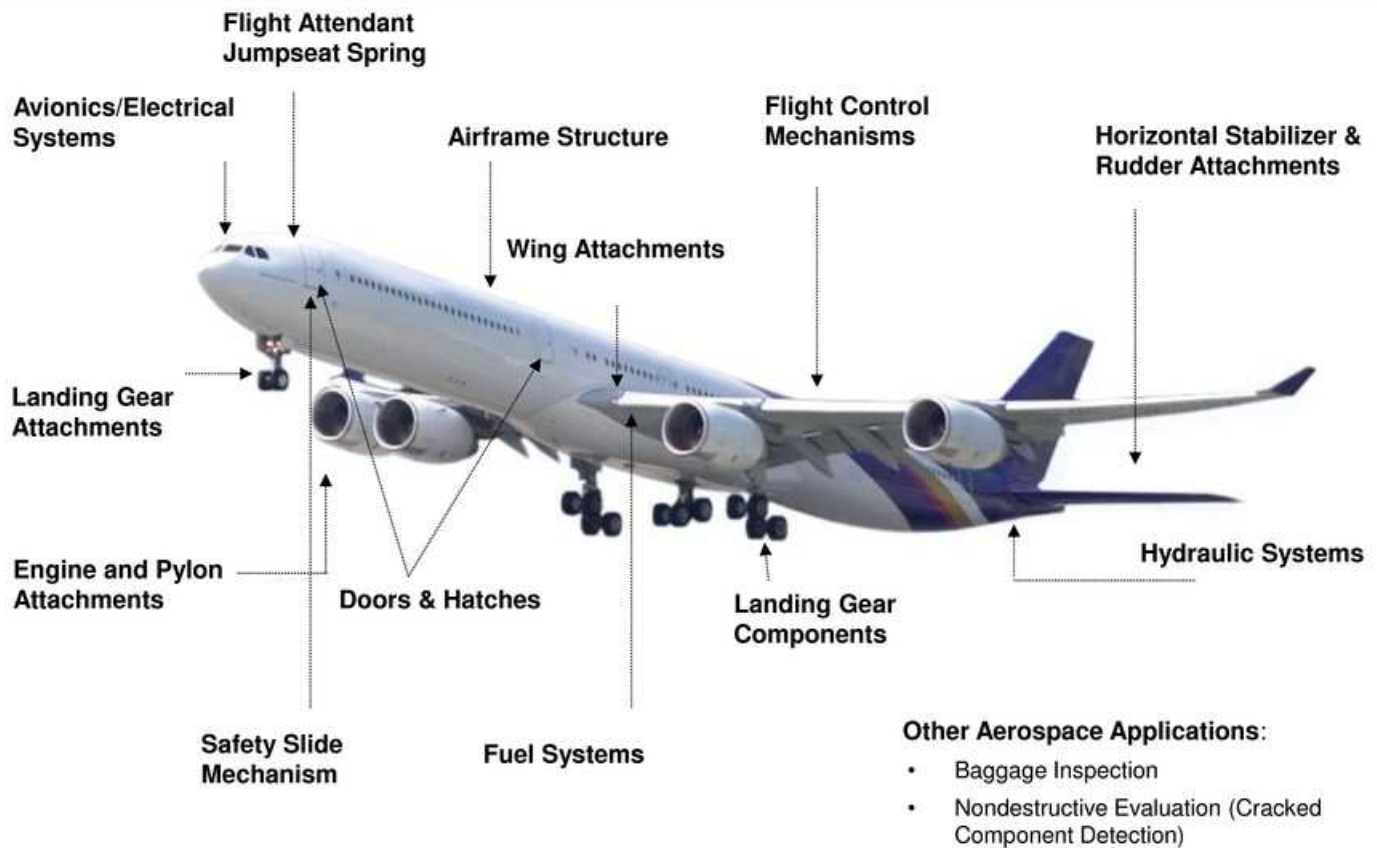
- Precursor materials for GaAs wafer production

## Internal Electronics and LED

- Thin Film Materials – Power amplifiers, LED, SAW and BAW devices, filters, and ICs
- Hermetic Solutions for SAW
- Refining / Recycling
- Precision Parts Cleaning

## Other Smart Phone Applications:

- Circuit Board and IC Inspection
- RoHS Compliance Assurance
- Cellular Infrastructure with High Power RF Packaging
- Voice Coil Motor (auto-focus lens stabilizer)





**Wellhead Control Equipment**

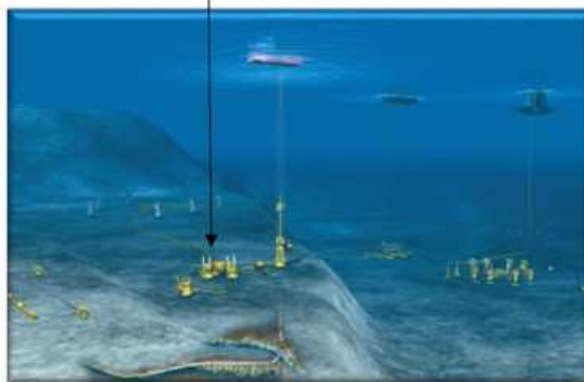
**Structural Rig Components**



**Drill Bits**

**Under Water Wellhead Equipment**

*Remote Operated Vehicles, blow out preventers, hydraulic actuators, control fluid couplings*



**Directional Drilling Equipment**

*Measuring While Drilling (MWD)  
Logging While Drilling (LWD)  
Mud Pulse Telemetry (MPT) Systems*

**Other Oil & Gas Applications:**

- Artificial Lift Equipment
- Elemental Analysis
- Down Hole X-Ray Inspection

# Applications: Solar Energy

## **Technology: Crystalline Silicon (Si)**

### Interconnect Materials

Front and backplane systems for high efficiency designs.

## **Technology: Flexible Solar Cells /**

### **Building Integrated Photovoltaic:**

#### Thin Film Services:

Solar cells built in flexible substrates to accommodate applications such as roofing tiles or defense.

## **Technology: Cadmium Telluride (CdTe)**

### Thin Film (PVD) Materials

Cadmium based solar cell architecture. N and P type Cadmium Semiconductor materials  
TCO Transparent Conductive Oxide layers  
Front and Back-contact layers

## **Technology: Copper Indium Gallium Selenide (CIGS)**

### Thin Film (PVD) Materials

#### as well as Powders for Printing CIGS applications

Copper Indium Gallium Selenide thin film and screen printing applications for flexible and rigid solar cells.

### 25 Alloy Strip

Panel Interconnects

## **Technology: Amorphous Silicon (a-Si, tandem and multi-junction)**

### Thin Film (PVD) Materials

Silicon based photovoltaic cells  
Front and back contact layers  
TCO Transparent Conductive Oxide layers

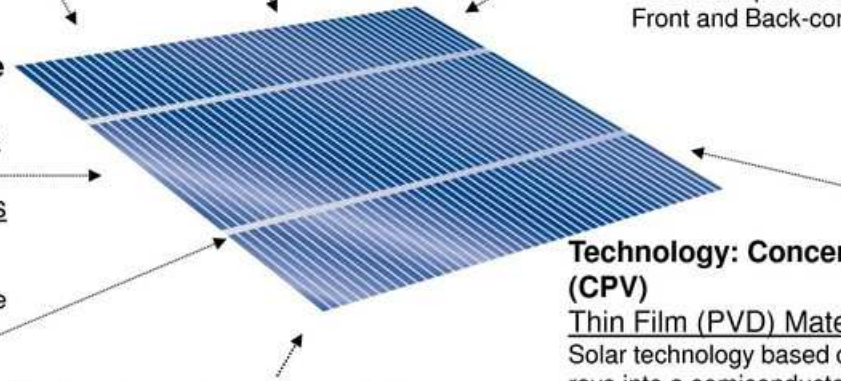
## **Technology: Concentrator Photovoltaic (CPV)**

### Thin Film (PVD) Materials

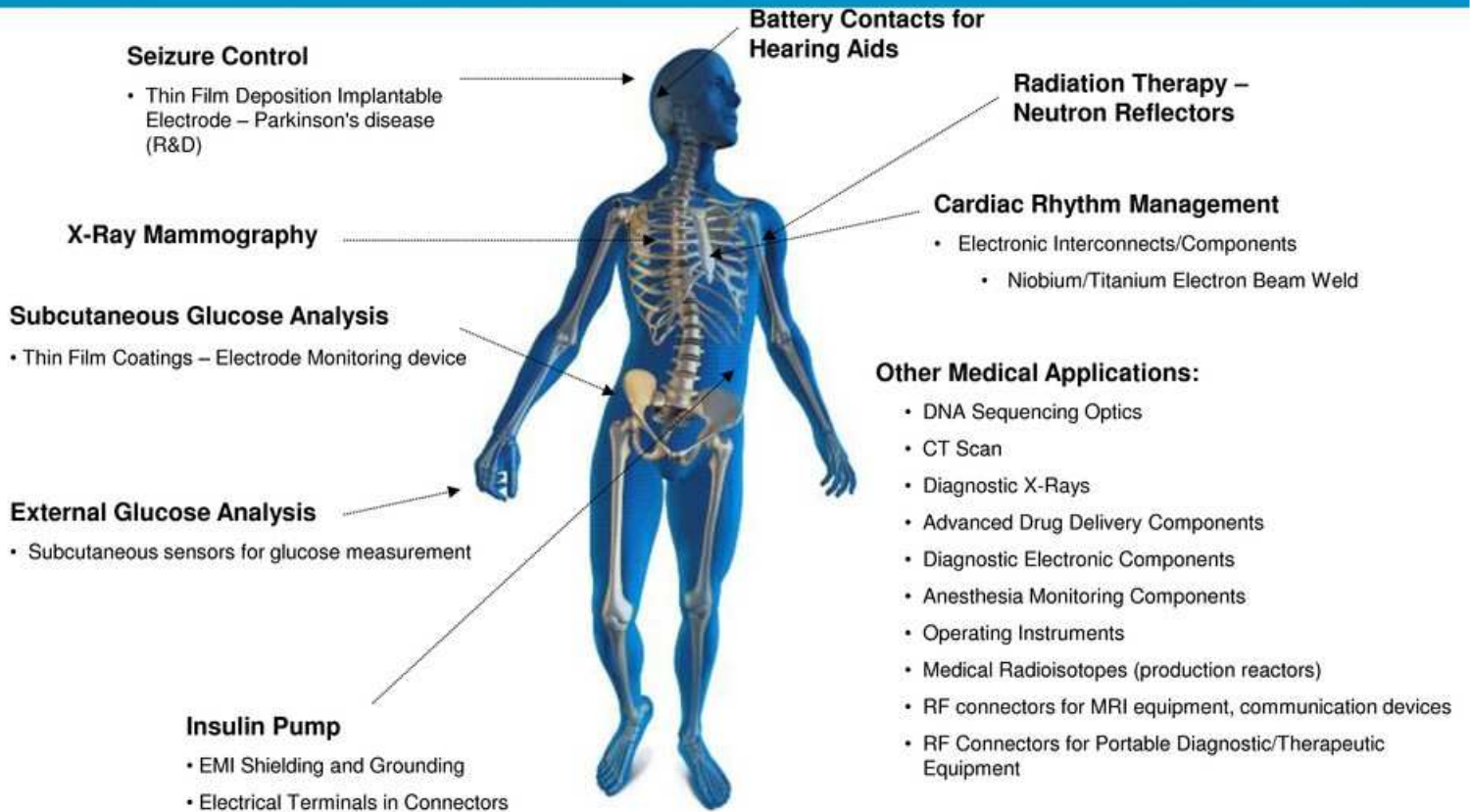
Solar technology based on concentrating Solar rays into a semiconductor device via large lens.  
Anti-Reflection Coating Materials  
Precious metal contact materials

### Micro Electronic Packaging Products:

Bonding Ribbon - Au & Ag  
Lead-free Solders  
Metalized Ceramic Substrates







## **Base Stations**

- Coaxial Connectors
- High Power Amplifiers

## **Local Area Networks**

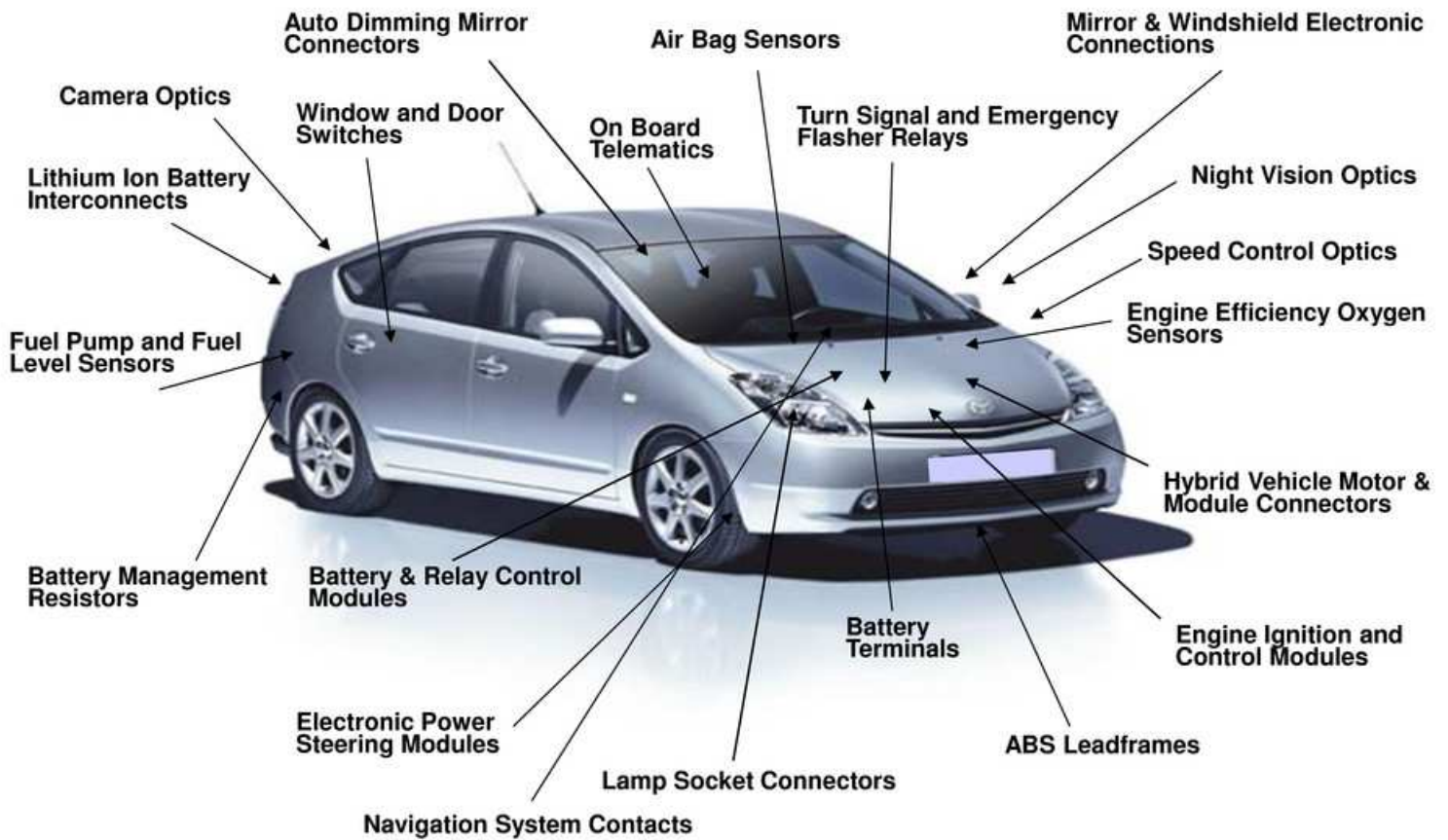
- Shielding
- Modular Jacks
- PCB Sockets
- Processor Sockets

## **Other Telecommunications Infrastructure Applications**

- Undersea Repeater Housings



# Applications: Automotive Electronics



- Infrared Sensors for Fighter Jet and UAV Optical Targeting
- Electronic Packaging for Defense Avionics, Radar and Electronic Countermeasure Systems
- Structural and Electronic Components for Satellites
- X-ray Windows in Security Imaging Systems
- Laser Protection Optical Coatings
- Night Vision System Optics



# Value-added Sales Ratios



Materion Corporation  
Value-Added Sales Ratios  
Third Quarter 2013

	Third Quarter 2013	Third Quarter 2012	Second Quarter 2013	First Nine Months of 2013	First Nine Months of 2012
Gross Margin as a Percent of Value-Added Sales					
Advanced Material Technologies	37.3%	41.1%	36.3%	36.6%	39.7%
Performance Alloys	27.1%	29.5%	30.3%	28.9%	29.9%
Beryllium and Composites	5.1%	23.4%	27.8%	18.9%	16.9%
Technical Materials	37.3%	31.7%	37.4%	36.0%	34.5%
All Other	-	-	-	-	-
Total	30.3%	34.4%	33.1%	31.9%	33.3%
Operating Profit as a Percent of Value-Added Sales					
Advanced Material Technologies	7.0%	12.6%	6.3%	6.1%	10.2%
Performance Alloys	7.9%	10.0%	11.7%	10.6%	10.8%
Beryllium and Composites	-24.2%	-3.6%	4.9%	-9.0%	-8.9%
Technical Materials	15.3%	11.0%	19.5%	16.1%	14.6%
All Other	-	-	-	-	-
Total	4.0%	8.8%	8.4%	6.3%	7.7%

Value-added sales is a non-GAAP measure. See attached reconciliation.



# Value-added Sales - Reconciliation of Non-GAAP Measure



Materion Corporation  
Value-Added Sales - Reconciliation of Non-GAAP Measure  
Third Quarter 2013  
Dollars in Millions

	Third Quarter 2013	Third Quarter 2012	Second Quarter 2013	First Nine Months of 2013	First Nine Months of 2012
<b>Sales</b>					
Advanced Material Technologies	\$ 176.3	\$ 190.5	\$ 196.0	\$ 566.2	\$ 654.2
Performance Alloys	69.5	68.7	74.3	218.4	216.4
Beryllium and Composites	13.7	14.4	16.2	42.2	43.1
Technical Materials	15.9	17.0	19.6	53.9	55.5
All Other	-	-	-	-	0.1
<b>Total</b>	<b>275.4</b>	<b>290.6</b>	<b>306.1</b>	<b>880.7</b>	<b>969.3</b>
<b>Less: Pass-through Metal Cost</b>					
Advanced Material Technologies	107.9	117.2	124.0	357.1	437.9
Performance Alloys	12.2	14.4	15.5	43.0	46.1
Beryllium and Composites	-	-	-	-	-
Technical Materials	6.6	6.7	7.3	21.3	21.1
All Other	-	-	-	-	-
<b>Total</b>	<b>126.7</b>	<b>138.3</b>	<b>146.8</b>	<b>421.4</b>	<b>505.1</b>
<b>Value-Added Sales (non-GAAP)</b>					
Advanced Material Technologies	68.4	73.3	72.0	209.1	216.3
Performance Alloys	57.3	54.3	58.8	175.4	170.3
Beryllium and Composites	13.7	14.4	16.2	42.2	43.1
Technical Materials	9.3	10.3	12.3	32.6	34.4
All Other	-	-	-	-	0.1
<b>Total</b>	<b>148.7</b>	<b>152.3</b>	<b>159.3</b>	<b>459.3</b>	<b>464.2</b>
<b>Gross Margin</b>					
Advanced Material Technologies	25.5	30.1	26.1	76.5	85.9
Performance Alloys	15.5	16.0	17.8	50.7	50.9
Beryllium and Composites	0.7	3.4	4.5	7.9	7.3
Technical Materials	3.5	3.3	4.6	11.8	11.8
All Other	(0.1)	(0.4)	(0.2)	(0.6)	(1.1)
<b>Total</b>	<b>45.1</b>	<b>52.4</b>	<b>52.8</b>	<b>146.3</b>	<b>154.8</b>
<b>Operating Profit</b>					
Advanced Material Technologies	4.8	9.2	4.5	12.7	22.0
Performance Alloys	4.5	5.4	6.9	18.7	18.3
Beryllium and Composites	(3.3)	(0.5)	0.8	(3.8)	(3.8)
Technical Materials	1.4	1.1	2.4	5.2	5.0
All Other	(1.4)	(1.8)	(1.2)	(3.9)	(5.8)
<b>Total</b>	<b>6.0</b>	<b>13.4</b>	<b>13.4</b>	<b>28.9</b>	<b>35.7</b>

The cost of gold, silver, platinum, palladium and copper is passed through to customers and therefore the trends and comparisons of sales are affected by movements in the market price of these metals. Internally, management reviews sales on value added basis. Value-added sales is a non-GAAP measure that deducts the value of the pass-through metals sold from sales. Value-added sales allows management to assess the impact of differences in sales between periods or segments and analyze the resulting margins and profitability without the distortion of the movements in pass-through metal prices. The dollar amount of gross margin and operating profit is not affected by the value-added sales calculation. The Company sells other metals and materials that are not considered direct pass throughs and their costs are not deducted from sales to calculate value-added sales.

The Company's pricing policy is to pass the cost of these metals on to customers in order to mitigate the impact of price volatility on the Company's results from operations and value-added information is being presented since changed in metal prices may not directly impact profitability. It is the Company's intent to allow users of the financial statements to review sales with and without the impact of the pass-through metals.

