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): July 29, 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 July 29, 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.

Exhibit Number	Description of Exhibit
99.1	July 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

July 29, 2013

By: */s/ Michael C. Hasychak*
Michael C. Hasychak
Vice President, Treasurer and Secretary

Exhibit Index

Exhibit No.	Description
99.1	July 2013 Investor Presentation

MATERION

Exhibit 99.1

Materion Corporation – Investor Presentation

July 2013

Forward-Looking Statements

MATERION

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.

Materion (MTRN)

- An Advanced Materials Company
- Strong Global Positions in Attractive and Growing Markets
- Solid Record of Long-term Growth
- Strong Value-added* Margins
- Market Cap: $558 Million 6/28/13
- Shares Outstanding: 20.8 million
- Annual EPS: $1.65 - $1.85 (Forecast 2013)
- Strong Balance Sheet: Debt-to-Debt-Plus Equity 18%
- Dividend: $0.32 annualized

* Excludes pass-through metals

Identify High Growth Secular Markets

MATERION

Market	Q2 2013 % of Value-added Sales	Macro Trends	Key Drivers
Consumer Electronics	 27%		• Smartphone growth • Tablet computers & LEDs • Miniaturization
Industrial Components & Commercial Aerospace	 18%		• New airplane builds & retrofits • Increasing air travel • Heavy equipment builds
Automotive Electronics	 12%		• Increasing global car production • HEV/EV lithium ion battery components • Engine control & electronic systems
Defense & Science	 11%		• DoD & foreign military budgets • Demand for communications satellites • High performance optical devices
Medical	 8%		• Glucose testing • Blood analysis test coating for medical diagnosis • Diagnostics equipment
Energy	 8%		• Directional drilling • Rig counts • Solar, batteries & smart grid devices
Telecommunications Infrastructure	 6%		• Global 3G/4G builds • Base stations • Undersea fiber-optics expansion

Unique Global Positions – Advanced Materials

MATERION

		Leading Global Position
	• High Purity Gold Products for Semiconductor Fabrication (Wireless & LED) – Offering "full metal management" capabilities	☑
	• World's Only Fully Integrated Producer of Beryllium and Beryllium Alloys – Over 75 years of reserves at Utah	☑
	• Unique Copper-Nickel-Tin Material ToughMet® – Multiple advanced applications growing at over 30% annually	☑
	• Precision Optical Coatings – Visible to Infrared Bandwidth – "Go To" Supplier for defense, thermal imaging, space, medical and advanced consumer applications	☑
	• Specialty Coatings for Blood Analysis Test Strips for Medical Diagnosis – Diabetes	☑

Broadening our Reach Through Acquisitions and Materials Innovation

MATERION

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
- New Non-Be Alloys and Composites
- Industrial Precious Metals and Microelectronics Packaging
- 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

High Operating Margins

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Removing High Value Metals Clarifies Margins

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

(1) Normal margin range excluding non-recurring items and pass-through metals

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

High Value-added Business Model

1. Identify high growth secular markets
2. Target the fastest growing niches of those markets

3. Expand with innovative products
4. Add synergistic acquisitions
5. Ensure financial discipline

A Global Platform

MATERION

Operations in US and 10 Countries

- Customers in >50 countries
- Expanded presence in Asia

Significant and Expanding International Sales

Q2 2013

"Direct" International Sales

Continually Develop Innovative Products

MATERION

- 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

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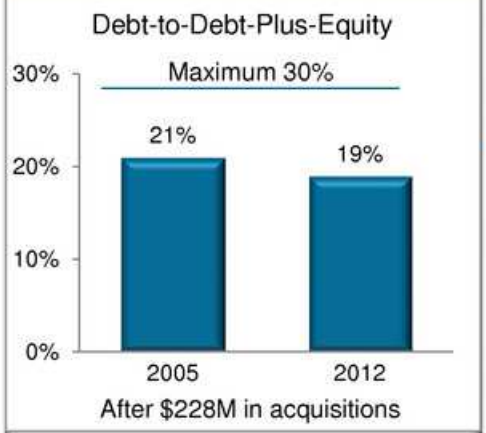
Maintain strong balance sheet



Strong cash flow

- Cash flow from operations $30M - $75M annually for the past five years
- Reduction in working capital* goal to <20% sales

*AR, Inv & A/P

Resources to finance organic growth and acquisitions while returning cash to shareholders

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

Financial Goals Next 3 - 5 Years

MATERION

	Next 3 - 5 years
Value-added revenue growth	>8%
Margins (OP % VA)	12% - 16%
Acquisitions	$50M - $100M Per Year
Working capital % sales	<20%
Debt-to-Debt-Plus-Equity	<30%
ROIC (pre-tax)	>18%

THESIS

Positioned to Deliver Long-term, Sustainable Growth

IN SUMMARY

Why Invest in Materion Corporation?

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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

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Appendix

Target High Growth, Leading-edge Markets

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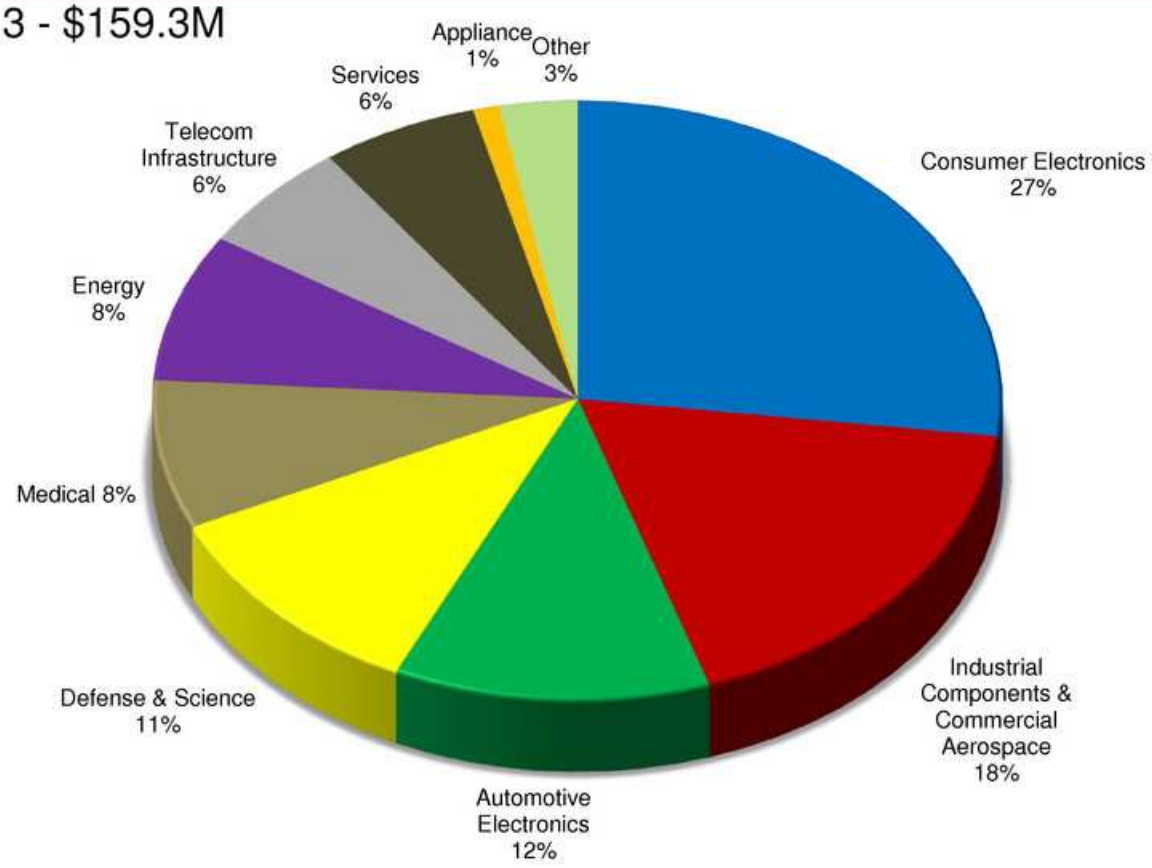
Reportable Segments

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

Value-added Sales: Materion

MATERION

Q2 2013 - $159.3M

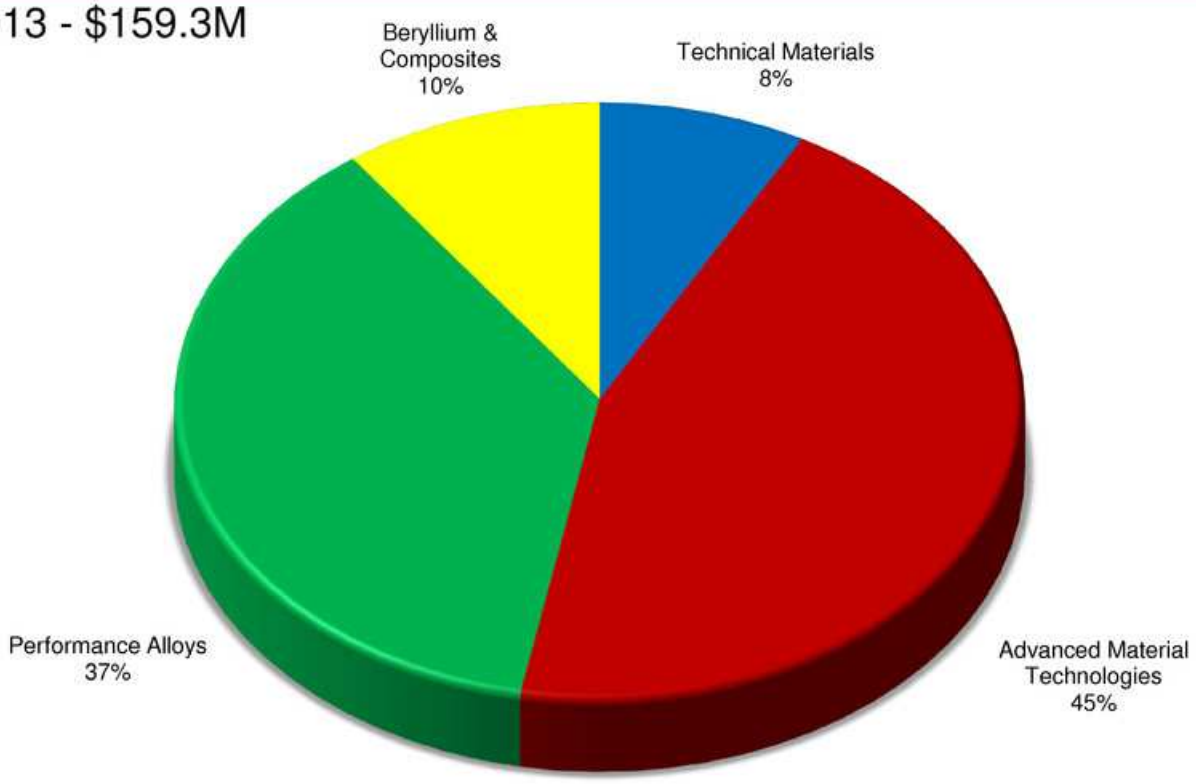


A-2 OP% of Value-added sales 8.4%

Value-added Sales: By Segment

MATERION

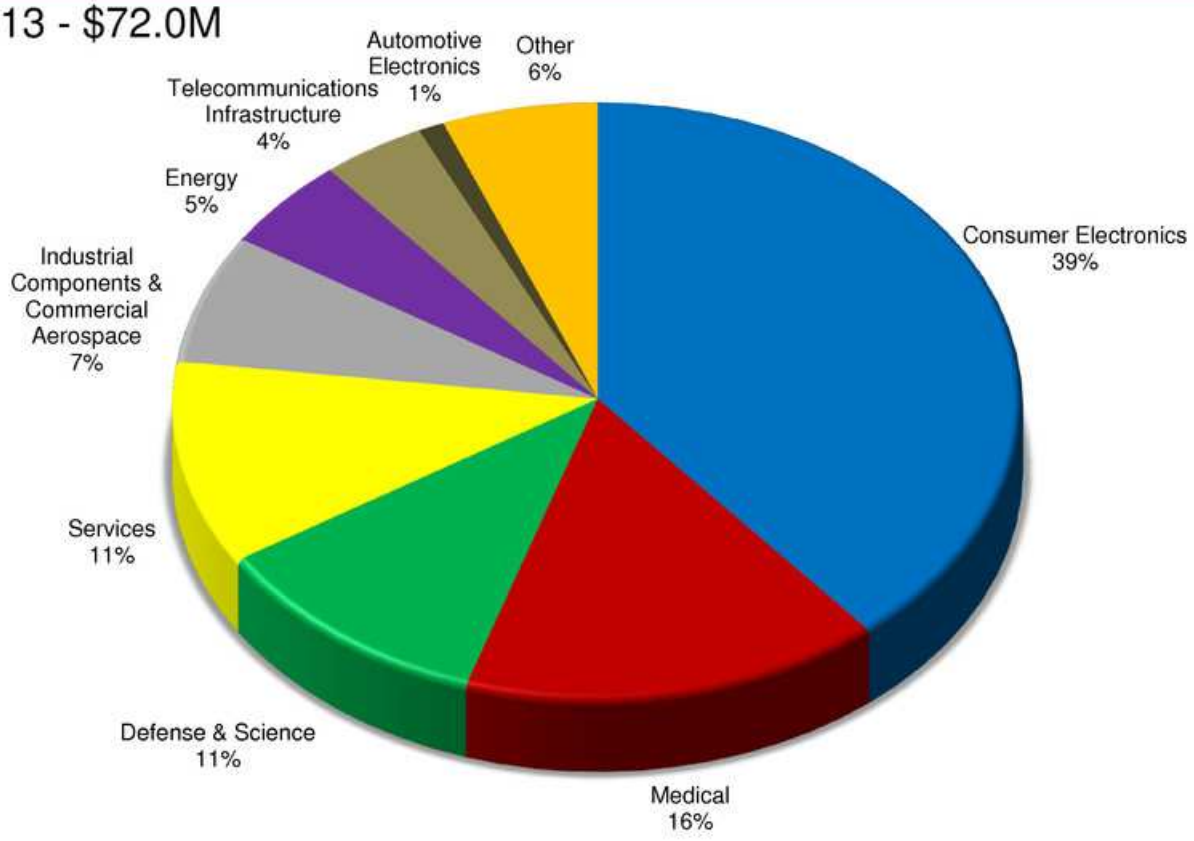
Q2 2013 - $159.3M



Value-added Sales: Advanced Material Technologies

MATERION

Q2 2013 - $72.0M



OP% of Value-added Sales 6.3%

Value-added Sales: Performance Alloys

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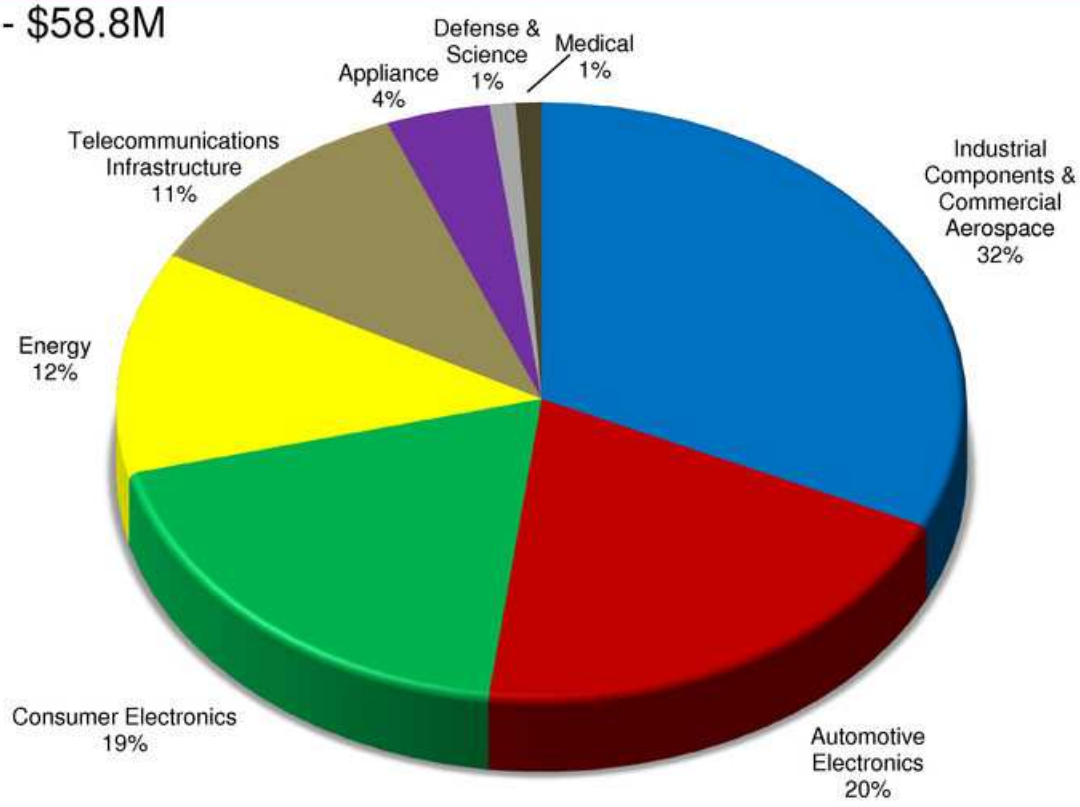
Q2 2013 - $58.8M



OP% of Value-added Sales 11.7%

Value-added Sales: Beryllium and Composites

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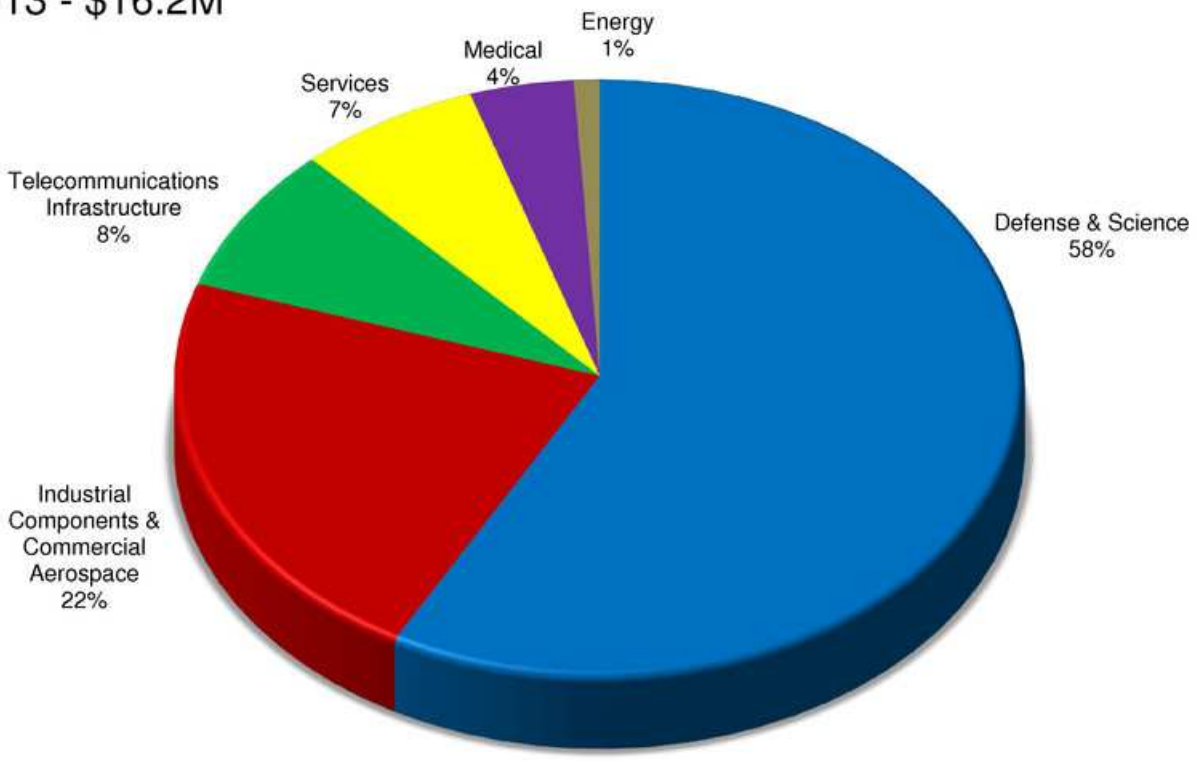
Q2 2013 - $16.2M



OP% of Value-added Sales 4.9%

Value-added Sales: Technical Materials

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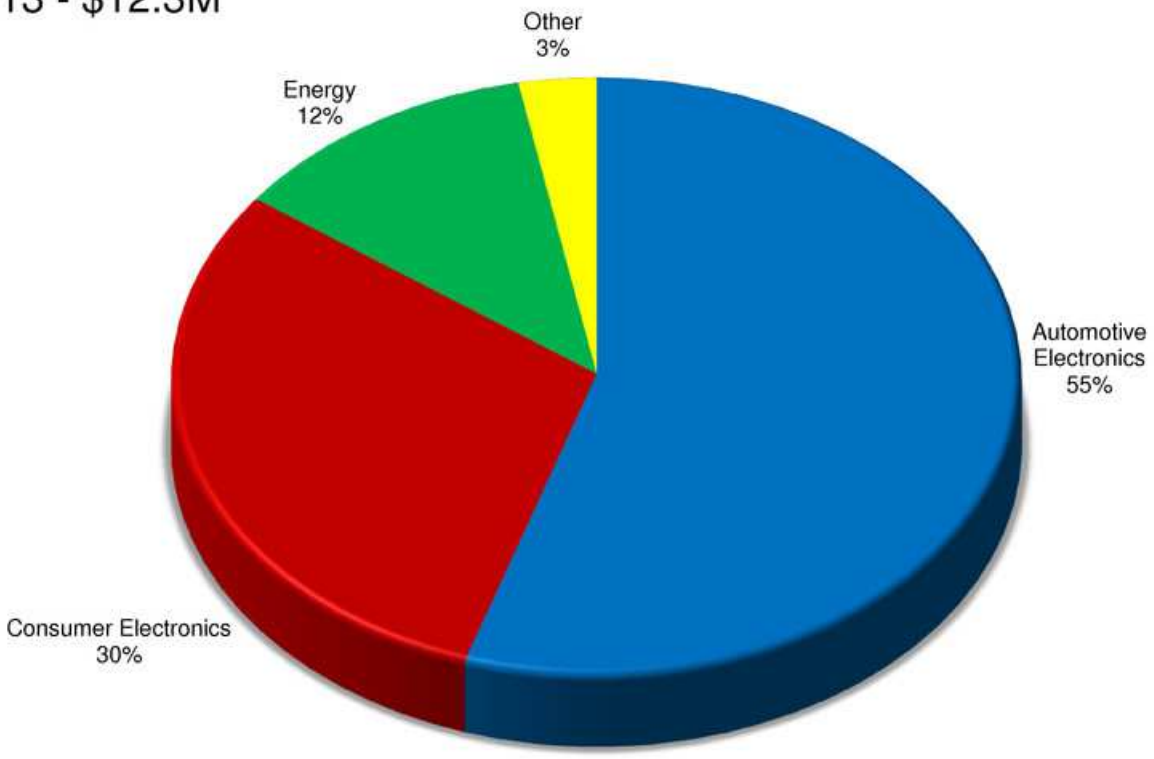
Q2 2013 - $12.3M



OP% of Value-added Sales 19.5%

Core Technologies

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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

Continuing to Execute Three-point Strategy

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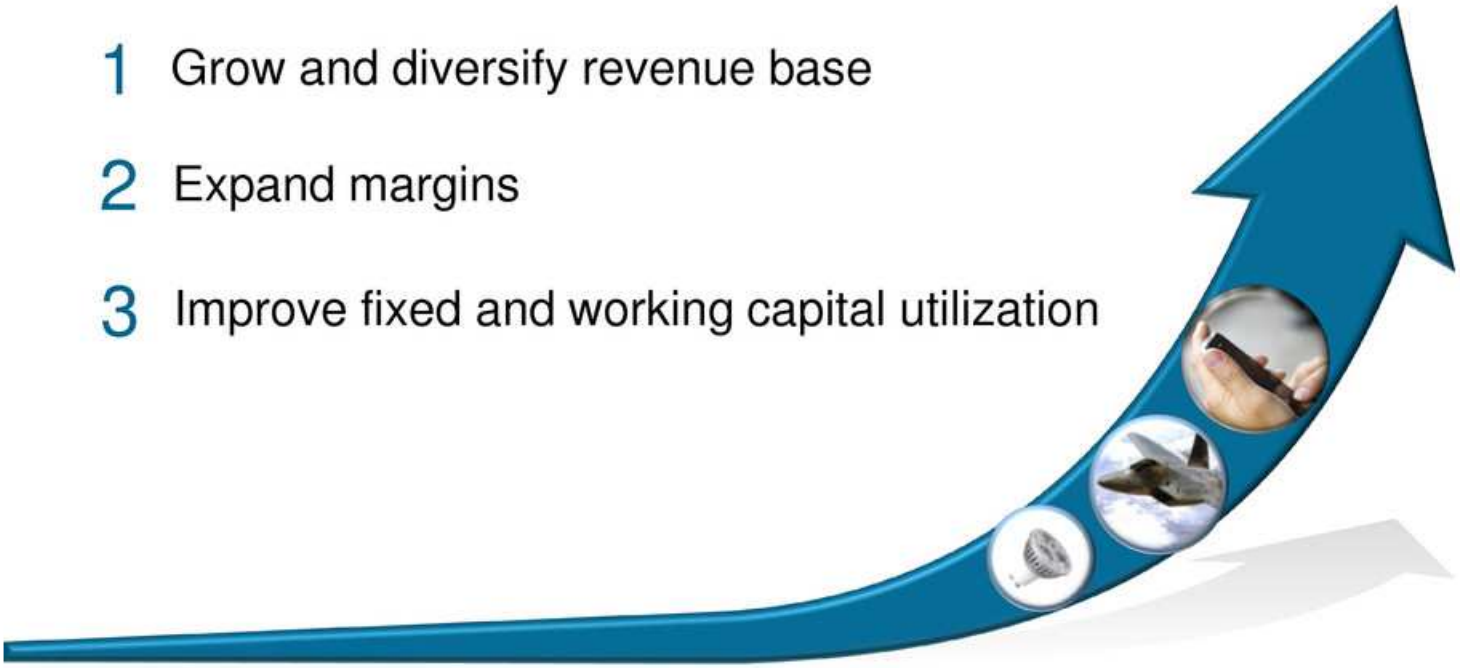
Increasing Shareholder Value

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



STRATEGY #1: GROWTH

Expand and Diversify Revenue Base

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- 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

STRATEGY #2: MARGINS

Expand Margins – Key Drivers

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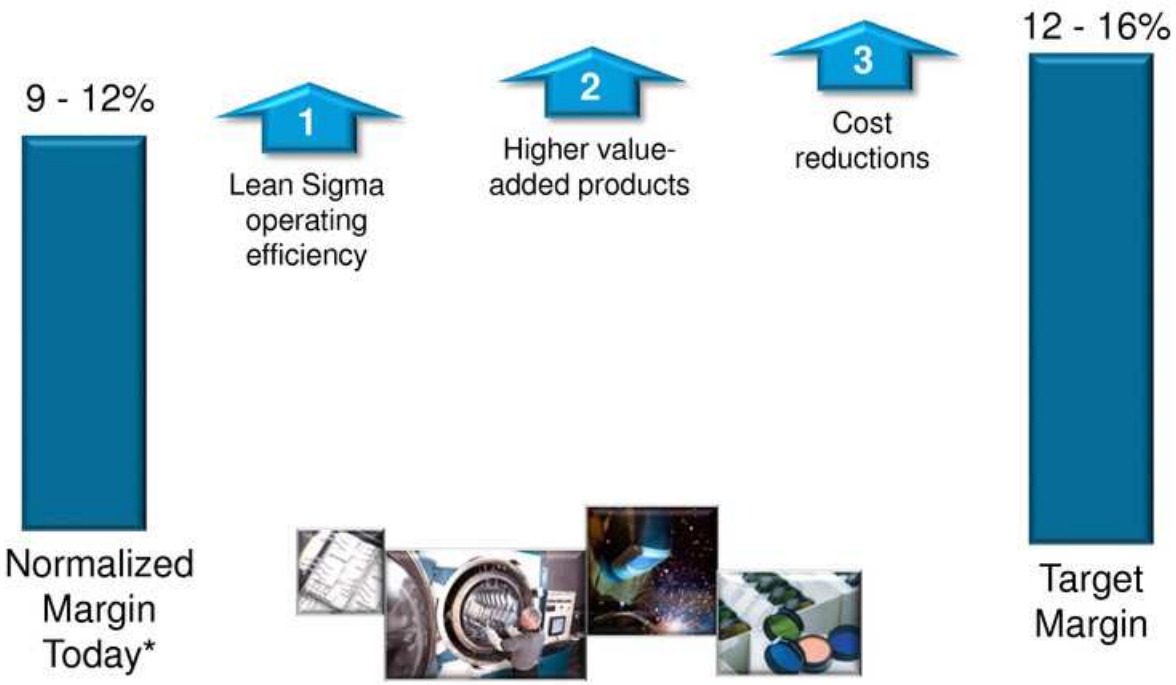
(OP % VA)



*Excludes non-recurring items and pass-through metals

STRATEGY #3: CAPITAL EFFICIENCY

Improve Fixed and Working Capital Efficiency

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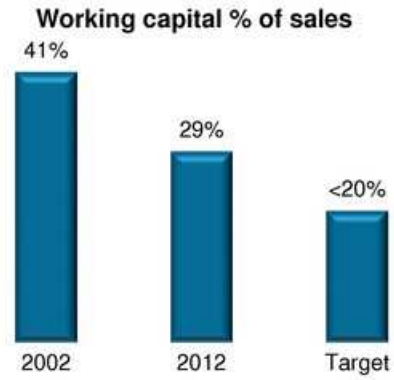
Lean Sigma

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

Improve Working Capital Efficiency



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

Strategy in Action: Outgrowing Growth Markets

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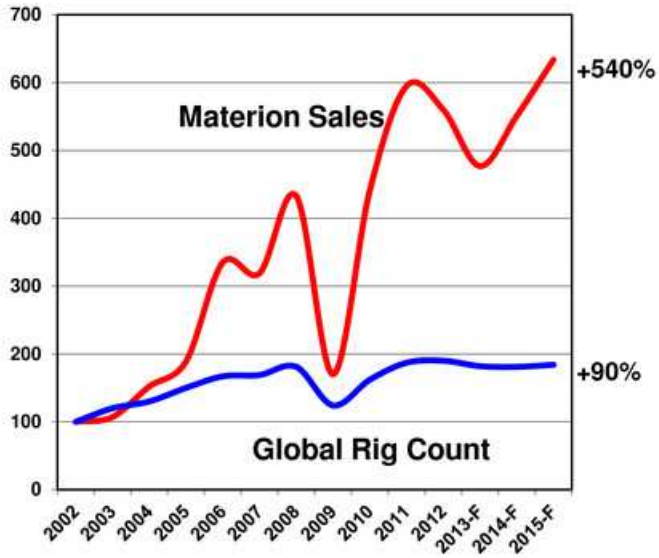
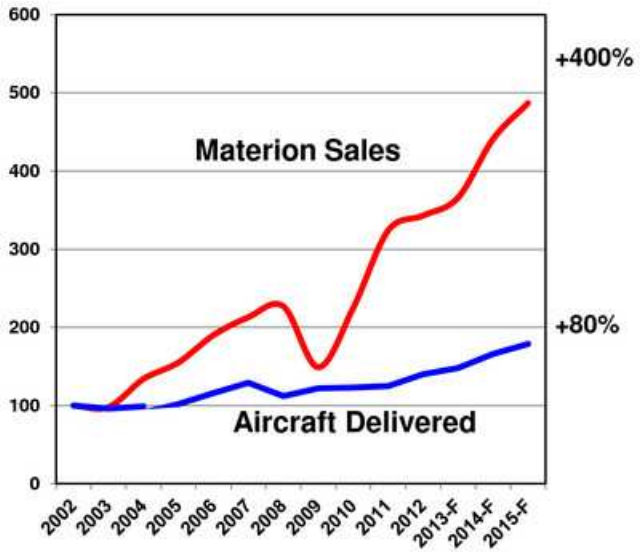
Growth of Materion Oil and Gas Sales vs. Market



Growth of Materion Aerospace Sales vs. Market



New Product and Technology Development

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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

New Product and Technology Development

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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 Coating Capabilities

Packaging

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

New Product and Technology Development

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Performance Alloys

- ToughMet® Alloy for High Volume Bearing Applications
- BrushForm 158 for Voice Coil Motor (VCM) Applications
- Materion R270 Strip
- "Next Generation" Alloy for Oil & Gas
- ToughMet® Alloy Sheet for Vehicle Gearboxes

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

Applications: Smart Phones

Internal Electronics

- Precursor materials for GaAs wafer production

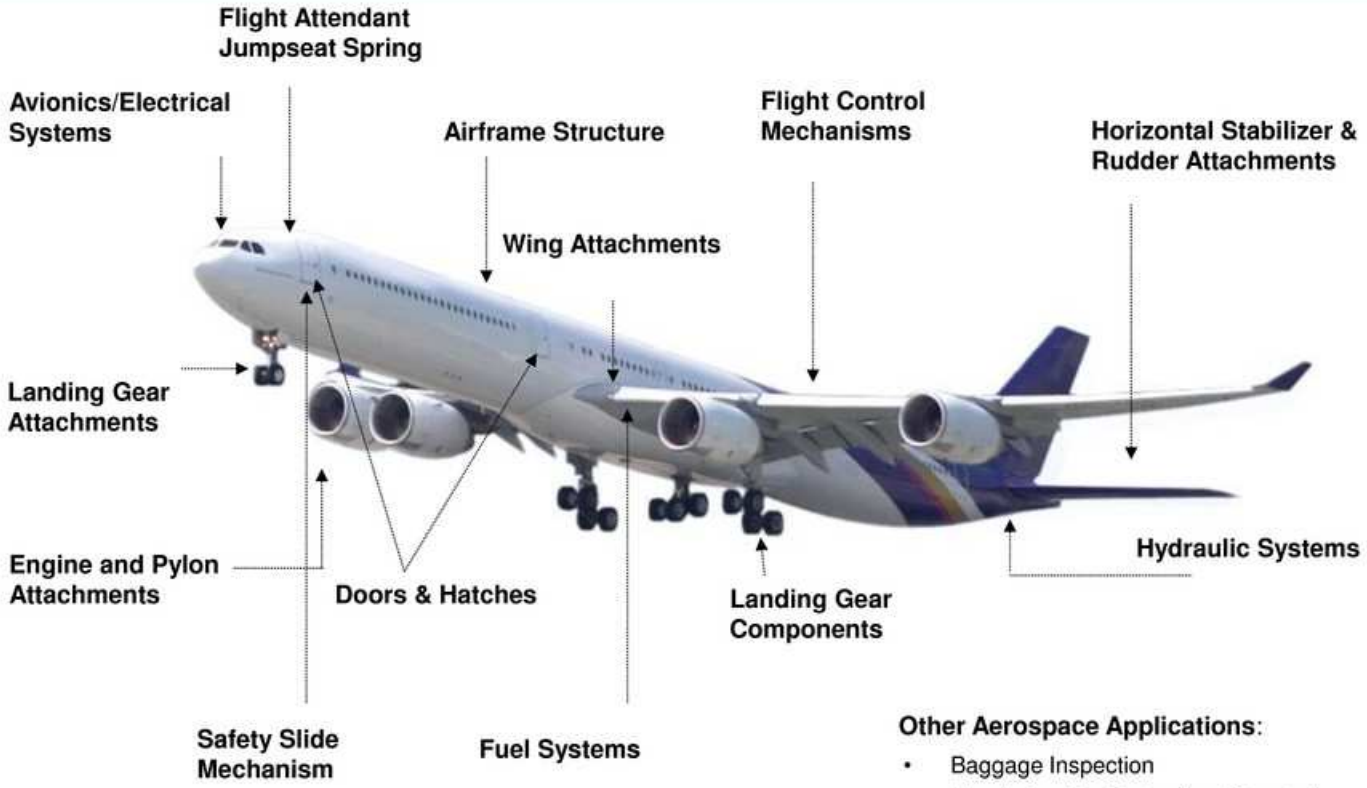
Internal Electronics and LED

- 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)

Applications: Aerospace



Other Aerospace Applications:

- Baggage Inspection
- Nondestructive Evaluation (Cracked Component Detection)

Applications: Oil & Gas

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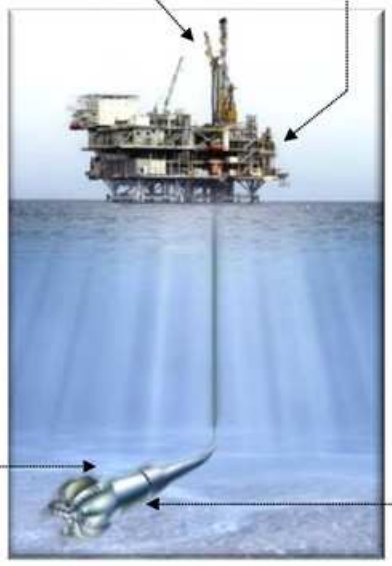
Wellhead Control Equipment

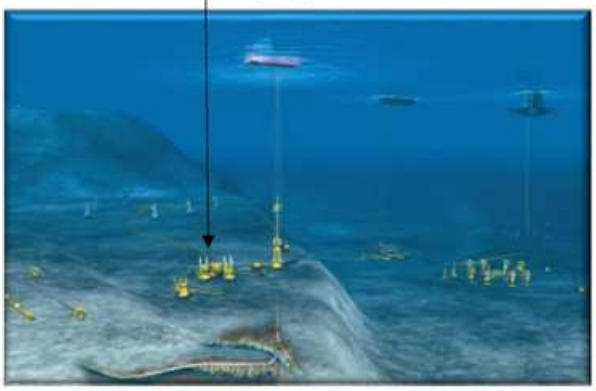
Structural Rig Components



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

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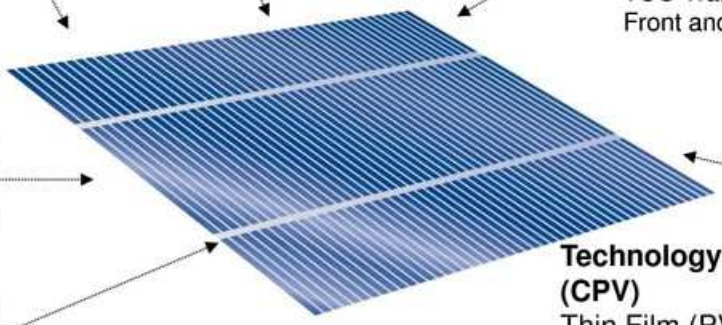
Technology: Crystalline Silicon (Si)
Interconnect Materials
Front and backplane systems for high efficiency designs.

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

Applications: Medical

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Seizure Control

- Thin Film Deposition Implantable Electrode – Parkinson's disease (R&D)

Battery Contacts for Hearing Aids

Radiation Therapy – Neutron Reflectors

Cardiac Rhythm Management

- Electronic Interconnects/Components
  - Niobium/Titanium Electron Beam Weld

X-Ray Mammography

Subcutaneous Glucose Analysis

- Thin Film Coatings – Electrode Monitoring device

External Glucose Analysis

- Subcutaneous sensors for glucose measurement

Insulin Pump

- EMI Shielding and Grounding
- Electrical Terminals in Connectors

Other Medical Applications:

- DNA Sequencing Optics
- CT Scan
- Diagnostic X-Rays
- Advanced Drug Delivery Components
- Diagnostic Electronic Components
- Anesthesia Monitoring Components
- Operating Instruments
- Medical Radioisotopes (production reactors)
- RF connectors for MRI equipment, communication devices
- RF Connectors for Portable Diagnostic/Therapeutic Equipment

Applications: Telecommunications Infrastructure

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Base Stations

- Coaxial Connectors
- High Power Amplifiers

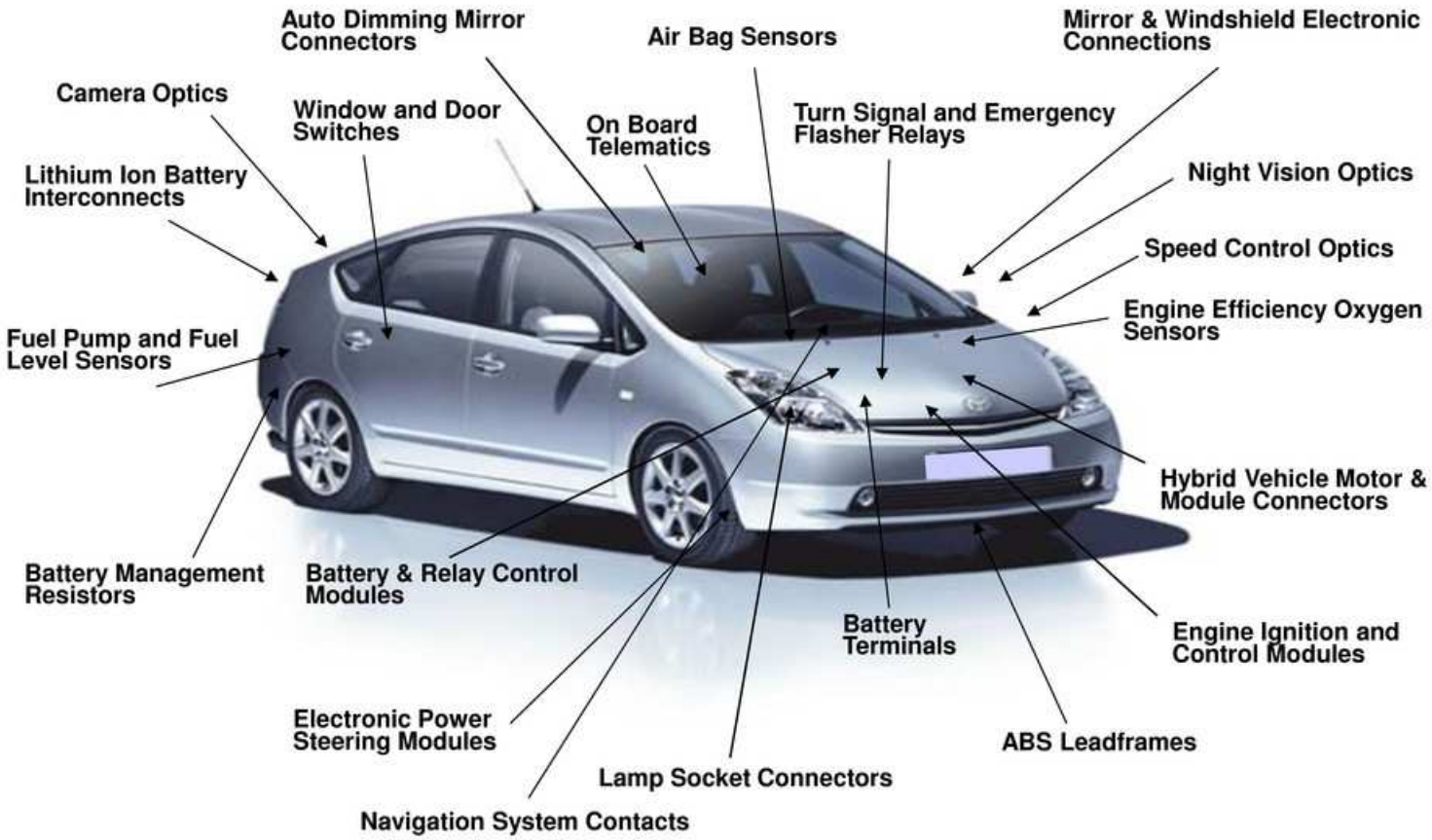
Local Area Networks

- Shielding
- Modular Jacks
- PCB Sockets
- Processor Sockets

Other Telecommunications Infrastructure Applications

- Undersea Repeater Housings

Applications: Automotive Electronics



Applications: Defense

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- 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

2nd Quarter 2013
$ Millions

	Second Quarter 2013	Second Quarter 2012	First Quarter 2013	First Half 2013	First Half 2012
Gross Margin as a Percent of Value-Added Sales					
Advanced Material Technologies	36.3%	40.4%	36.2%	36.2%	39.0%
Performance Alloys	30.3%	31.6%	29.2%	29.7%	30.1%
Beryllium and Composites	27.8%	13.5%	22.0%	25.6%	13.6%
Technical Materials	37.4%	35.9%	32.4%	35.2%	35.4%
All Other	-	-	-	-	-
Total	33.1%	34.3%	31.9%	32.6%	32.8%
Operating Profit as a Percent of Value-Added Sales					
Advanced Material Technologies	6.3%	10.2%	4.9%	5.6%	9.0%
Performance Alloys	11.7%	11.8%	12.2%	11.9%	11.1%
Beryllium and Composites	4.9%	-15.9%	-10.6%	-1.8%	-11.5%
Technical Materials	19.5%	17.1%	12.6%	16.3%	16.3%
All Other	-	-	-	-	-
Total	8.4%	8.0%	6.3%	7.4%	7.1%

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

Value-added Sales - Reconciliation of Non-GAAP Measure

MATERION

2nd Quarter 2013
$ Millions

	Second Quarter 2013	Second Quarter 2012	First Quarter 2013	First Half 2013	First Half 2012
Sales					
Advanced Material Technologies	$ 196.0	$ 221.9	$ 193.9	$ 389.9	$ 463.7
Performance Alloys	74.3	72.5	74.5	148.9	147.7
Beryllium and Composites	16.2	12.6	12.3	28.5	28.7
Technical Materials	19.6	18.1	18.5	38.0	38.5
All Other	-	-	-	-	0.1
Total	306.1	325.1	299.2	605.3	678.7
Less: Pass-through Metal Cost					
Advanced Material Technologies	124.0	148.4	125.2	249.2	320.7
Performance Alloys	15.5	15.8	15.3	30.8	31.6
Beryllium and Composites	-	-	-	-	-
Technical Materials	7.3	6.4	7.4	14.7	14.5
All Other	-	-	-	-	-
Total	146.8	170.6	147.9	294.7	366.8
Value-Added Sales (non-GAAP)					
Advanced Material Technologies	72.0	73.5	68.7	140.7	143.0
Performance Alloys	58.8	56.7	59.2	118.1	116.1
Beryllium and Composites	16.2	12.6	12.3	28.5	28.7
Technical Materials	12.3	11.7	11.1	23.3	24.0
All Other	-	-	-	-	0.1
Total	159.3	154.5	151.3	310.6	311.9
Gross Margin					
Advanced Material Technologies	26.1	29.7	24.9	51.0	55.8
Performance Alloys	17.8	17.9	17.3	35.1	34.9
Beryllium and Composites	4.5	1.7	2.7	7.3	3.9
Technical Materials	4.6	4.2	3.6	8.2	8.5
All Other	(0.2)	(0.5)	(0.2)	(0.4)	(0.7)
Total	52.8	53.0	48.3	101.2	102.4
Operating Profit					
Advanced Material Technologies	4.5	7.5	3.4	7.9	12.8
Performance Alloys	6.9	6.7	7.2	14.1	12.9
Beryllium and Composites	0.8	(2.0)	(1.3)	(0.5)	(3.3)
Technical Materials	2.4	2.0	1.4	3.8	3.9
All Other	(1.2)	(1.8)	(1.2)	(2.4)	(4.0)
Total	13.4	12.4	9.5	22.9	22.3

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.