Magna Mirrors Supplier Expectations Day

November 9, 2011
AGENDA

• Magna Corporate & Mirrors Group Overview
  – Brian Chadwell: General Manager; Newaygo Division
• Purchasing & Supplier Expectations
  – Mark Mensonides: Director of Purchasing; Magna Mirrors
• Quality & Supplier Performance
  – Randy Keough: Quality Manager; Newaygo Division
  – Ed Enns: Director of Supplier Quality & Development; Magna Intl
• Program Management & Launch
  – Kevin McCarty: Chief Program Manager; Magna Mirrors
• Continuous Improvement & VA / VE
  – Bob Yokabitus: Continuous Improvement Mgr; Magna Mirrors
• Materials Management & Logistics
  – Tim Henry: Logistics & Inter-Co Program Mgr; Newaygo Division
• Customs Compliance, CTPAT & NAFTA
  – Karin Muller: Customs & Trade Compliance Mgr; Magna Mirrors/Closures
Magna Corporate Overview
Mirrors Supplier Expectations Day

November 9, 2011
Global Presence

~ 107,000 People | 26 Countries | Global Facilities 360 | $24.1 Billion (2010 Sales)

(As of Q3 2011)

US + CANADA
- Facilities: 125
- Employees: 37,150

MEXICO + SOUTH AMERICA
- Facilities: 42
- Employees: 21,700

EASTERN + WESTERN EUROPE
- Western Europe Facilities: 110
- Total Employees: 30,825
- Eastern Europe Facilities: 28
- Total Employees: 9,150

AFRICA
- Facilities: 2
- Employees: 100

ASIA
- Facilities: 53
- Employees: 8,175

CANADIAN COMPANY FOUNDED IN 1957
Global Capability

- Roof Systems
- Exteriors
- Interiors
- Closures
- Vision Systems
- Seating
- Body & Chassis Systems
- Powertrain Systems
- Electronics
- Hybrid & Electric Vehicles/Systems
- Seating

- engineering + services
- product systems
- vehicle assembly
Unique Culture

Corporate Constitution

Employee Charter

Decentralized Management

Employee Empowerment
Management Structure

Don Walker | CEO
Jim Tobin | CMO and President Magna Japan, Korea
Vincent Galifi | CFO
Burkhard Goeschel | CTO
Tom Skudutis | COO Magna Interiors, Exteriors, Seating, Mirrors and Closures
Herbert Demel | EVP Magna and President Magna China, India, SouthEast Asia, S. America, Africa
Guenther Apfalter | President Magna Europe

Magna Seating
J. Pittel
President
Seating Systems

Magna Exteriors and Interiors
A. Lidauer – Pres. EU
B. Brownlee – Pres. NA / Asia
Exterior Systems

Magna Mirrors & Magna Closures
F. Seguin
President
Vision Systems
Closure Systems

Cosma International
H. Prelog
President & COO
Body & Chassis Systems

Magna Steyr
G. Apfalter
President
Vehicle Engineering & Contract Manufacturing
Roof Systems

Magna Powertrain
J. Hirsch
President
Powertrain Systems
Electronic Systems

E-Car Systems (J.V.)
Hybrid & Electric Vehicles/Systems and Components
Complete Vehicle Engineering
Based on innovative solutions in our main engineering departments

Systems and Module Engineering
In-house expertise for all product areas

Full Vehicle Testing & Validation
**Flex Plant Assembly**  
Multiple vehicle platforms on a single line, built from more 100 years of history

Allows for OEM support of low-volume and niche platforms, localization, and peak-shaving

**JD Power Gold Award 2007**  
Magna is the first supplier to receive this prestigious award for quality
10 Core Product Areas
The most diversified global automotive supplier

Components to Complete Modules and Systems
Design, development, manufacturing, and assembly
## Product Systems Overview

<table>
<thead>
<tr>
<th>SEATING SYSTEMS</th>
<th>INTERIOR SYSTEMS</th>
<th>EXTERIOR SYSTEMS</th>
<th>VISION SYSTEMS</th>
<th>CLOSURE SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Seating Systems" /></td>
<td><img src="image2" alt="Interior Systems" /></td>
<td><img src="image3" alt="Exterior Systems" /></td>
<td><img src="image4" alt="Vision Systems" /></td>
<td><img src="image5" alt="Closure Systems" /></td>
</tr>
</tbody>
</table>

### SEATING SYSTEMS
- complete seating systems
- mechanism solutions
- seat structures solutions
- foam & trim products
- services

### INTERIOR SYSTEMS
- complete seating systems
- mechanism solutions
- cockpit systems
- cargo management systems
- overhead systems

### EXTERIOR SYSTEMS
- complete seating systems
- mechanism solutions
- cockpit systems
- cargo management systems
- overhead systems

### VISION SYSTEMS
- complete seating systems
- mechanism solutions
- cockpit systems
- cargo management systems
- overhead systems

### CLOSURE SYSTEMS
- complete seating systems
- mechanism solutions
- cockpit systems
- cargo management systems
- overhead systems

### GLOBAL FOOTPRINT

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<tr>
<td>15,100 employees</td>
<td>29,575 employees**</td>
<td>29,575 employees**</td>
<td>9,050 employees</td>
<td>5,225 employees</td>
</tr>
<tr>
<td>42 mfg/assy facilities</td>
<td>51 mfg/assy facilities*</td>
<td>58 mfg/assy facilities*</td>
<td>28 mfg/assy facilities</td>
<td>13 mfg/assy facilities*</td>
</tr>
<tr>
<td>4 product development/engineering/sales centers</td>
<td>16 product development/engineering/sales centers</td>
<td>17 product development/engineering/sales centers</td>
<td>9 product development/engineering/sales centers</td>
<td>8 product development/engineering/sales centers</td>
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*Including Minority JV facilities
**combined Exteriors & Interiors

### CAPABILITIES

- complete seating systems
- sidewall & trim systems
- cockpit systems
- cargo management systems
- overhead systems

- complete seating systems
- sidewall & trim systems
- cockpit systems
- cargo management systems
- overhead systems

- complete seating systems
- sidewall & trim systems
- cockpit systems
- cargo management systems
- overhead systems

- electronic vision systems
- mirrors – interior & exterior
- electrochromic (self dimming) mirror glass
- interior video mirror (reverse aid display)
- actuators
- door handles & overhead consoles

- door modules
- window systems
- power closure systems
- latching systems
- handle assemblies
- driver controls
- electronics

**Note:** Facility numbers include shared facilities.
# Product Systems Overview

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<tr>
<td>- body systems</td>
<td>- vehicle development</td>
<td>- soft tops</td>
<td>- driveline systems</td>
<td>- driver assistance &amp; safety</td>
<td>- hybrid &amp; electric vehicle systems &amp; subsystems</td>
</tr>
<tr>
<td>- chassis systems</td>
<td>- engineering services</td>
<td>- modular &amp; textile folding roofs</td>
<td>- fluid pressure &amp; controls</td>
<td>- intelligent power systems</td>
<td>- body systems &amp; HMI</td>
</tr>
<tr>
<td>- technology, engineering &amp; tooling systems</td>
<td>- vehicle production</td>
<td>- metal-forming solutions</td>
<td>- metal-forming solutions</td>
<td>- engine electronics &amp; sensors</td>
<td>- capabilities &amp; services</td>
</tr>
<tr>
<td>- renewable energy structures</td>
<td>- fuel tanks</td>
<td>- engineering services &amp; system integration</td>
<td>- fuel tanks</td>
<td>- industrial products</td>
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<td>- driveline systems</td>
<td>- components for fuel systems</td>
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## Global Footprint

- **23,950 employees**
- **54 mfg/assy facilities**
- **26 product development/engineering/sales centers**

- **8,775 employees**
- **12 mfg/assy facilities**
- **17 product development/engineering/sales centers**

- **1,450 employees**
- **9 mfg/assy facilities**
- **3 product development/engineering/sales centers**

- **10,775 employees**
- **36 mfg/assy facilities**
- **18 product development/engineering/sales centers**

- **1,350 employees**
- **5 mfg/assy facilities**
- **9 product development/engineering/sales centers**

- **600 employees**
- **2 mfg/assy facility**
- **6 product development/engineering/sales centers**

*Note: Facility numbers include shared facilities.*

*including Minority JVs & In Progress Facilities

*including 1 OEM Owned facility

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Magna Mirrors Overview

Supplier Day
November 9, 2011
CAPABILITIES
• interior mirrors
• exterior mirrors
• actuators
• electronic vision systems
• door handle systems

GLOBAL FOOTPRINT
• 6,100 employees
• 19 manufacturing/assembly facilities
• 12 product development/engineering/sales centers
Magna Mirrors in Mexico

North America, Mexico

Monterrey
- Fascias, Exterior Mirrors
- Exterior Mirror Glass
- Exterior Mirror Actuators & Powerfolds

- Manufacturing/Assembly
- Engineering/Product Development/Sales

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Magna Mirrors in Europe

- Magna Mirrors
  Wolfsburg, Germany

- Magna Mirrors
  Dorfprozelton, Germany
  Outside Mirrors, Inside Mirrors, Inside Lighting Consoles, Steering Wheel Covers

- Magna Mirrors
  Sailauf, Germany

- Magna Mirrors
  Nove Mesto Nad Vahom, Slovakia

- Magna Mirrors
  Assamstadt, Germany
  Outside & Inside Mirrors, Door Handles

- Magna Mirrors
  Schleiz, Germany
  Assembly, Interior & Exterior Mirrors

- Magna Mirrors
  Sindelfingen, Germany

- Magna Mirrors
  Polinya, Spain
  Assembly, Interior & Exterior Mirrors, Exterior Door Handles

- Magna Mirrors
  Munich, Germany

- Magna Auteca
  Styria, Austria
  Assembly, Mirror Glass Actuators, Mirror Fold Actuators, Bendlight Actuators

- Klagenfurt
  HVAC Actuators, Turn Signals

- Slovteca
  Nove Mesto Nad Vahom, Slovakia

Manufacturing/Assembly
Engineering/Product Development/Sales
Magna Mirrors in China

Asia, China

- **Shunde**
  - Assembly, Interior & Exterior Mirrors, Door Handles

- **Shanghai**
  - Turn Signals, Actuators, Power Fields
  - Manufacturing/Assembly, Interior & Exterior Mirrors, Door Handles

- **Magna Mirrors Shanghai**

- **Shunde**
  - Assembly, Interior & Exterior Mirrors, Door Handles, Dome Lamps
Magna Mirrors in South Africa

- Magna Mirrors
  - Cape Town
  - Assembly, Interior & Exterior Mirrors

Manufacturing/Assembly
Engineering/Product Development/Sales
Product Expertise

**vision systems**

**INTERIOR MIRRORS**
Features on our prismatic or electrochromic (EC) interior mirrors include compass and temperature, displays, bluetooth and hands free connectivity, navigation, electronic toll collect, and microphone.

**EXTERIOR MIRRORS**
Features available include EC glass (auto-dimming), framed and frameless glass, turn signal lighting, integrated blind spot detection, power fold, power extend, ground illumination, and BlindZoneMirror™.

**ACTUATORS**
Products available for HVAC, power fold, power extend, exterior glass movement, and interior mirror adjustment.

**DOOR HANDLE TECHNOLOGIES**
Products include exterior and interior door handles, passive keyless entry, and integration of lighting.

**ELECTRONIC VISION SYSTEMS**
Products include ReversAid™, VideoMirror™, Side Blind Zone Assist, and Lane Change Assist.
Technologies – Interior Mirrors

- Memory Actuation
- Compass/Temp/PSIR
- DOD™ Display
- NaviMirror™
- Telematics Interface
- Auto Dimming (EC) Mirrors and Cells
- VideoMirror™
- Voice Acquisition
Technologies – Exterior Mirrors

- BlindZone Mirror & Detection
- Auto Dimming (EC)
- Power Fold
- Trailer / Tow
- Power Extend
- Camera Vision (185°)
- Turn Signals
- Ground Illumination

Exterior Mirror Technologies
Technologies – Door Handles

Chrome on Die Cast or Plastic

Interior Door Handles

Gas-Assist Molded

Pocket Lighting

Logo Lighting

Ground Illumination

Styling Innovation-Chrome Strip

Passive Keyless Entry
Strong Customer Relationships

[Logos of various automobile brands]