About Motorola

High Innovation
With
High Performance
With
High Principles

75 Years of
We make things smarter, simpler, safer and synchronized – and fun - for people and the environments in which they live, work and play.

Personal Communications Sector

Inspired by a spirit of innovation focused on profitable and sustainable growth ... we innovate to design, manufacture, market, service and support "must have" products and "must do experiences" for the wireless world.
Global Telecom Solutions Sector
Leading The Way To Next Generation Networks

- Motorola Push-To-Talk over Cellular (PTToC)
- Motorola SoftSwitch (MSS)
- Serving MSC and Gateway MSC
- Middleware – Motorola Global Application Management Architecture (Motorola GAMA)
- Motorola HSDPA
- Motorola Seamless Mobility
- Motorola Multimedia Messaging Service Center
- Motorola Converged Services
- Motorola Network Lifecycle Services
- Motorola InFiNet (Residential Cellular)
- Continued RF Leadership

GSM, GPRS, EDGE, UMTS, HSDPA, iDEN®, CDMA2000 1xEV-DO/DV

Commercial, Governmental and Industrial Solutions Sector

Conventional Systems
- Construction
- Local courier
- Taxi and limo
- Small Public Safety
- Fortune 500

Networked Systems
- City, State, National Public Safety
- Utilities
- Fortune 100
- Courier
- Government agencies

Total Solutions
- Wireless data
- Integrated application solutions
- Life cycle support services
  - Consulting
  - Network integration
  - System integration
  - Network outsourcing and system management
  - Security services and outsourced management
  - Maintenance and repair
  - Migration
- Government agencies
- Public Safety
- Utilities
- Courier
- Fortune 100
Broadband Communications Sector

Integrated Electronic Systems Sector

IESS is a portfolio of businesses and growth platforms for Motorola.
Major markets: automotive electronics, portable energy and embedded computing solutions.
Semiconductor Products Sector

With unsurpassed communications expertise, we provide solutions that go beyond embedded processing – we enable products to think and link: wireless communications, networking and automotive.
Motorola Semiconductor Products Sector
General Overview

Industry Overview

- Market Growth Peak
- Market Growth Trough
- 1st Oil Shock
- 2nd Oil Shock
- Gulf War
- PC Bubble
- Asian Financial Crisis
- "Perfect Storm"

Years By Quarter

73 75 77 79 81 83 85 87 89 91 93 95 97 99 '01 '03
Motorola Chips Are Everywhere

More than 16 billion Motorola semiconductors are in use throughout the world today.

That pervasive presence is a result of our ground-breaking technology, and makes Motorola Semiconductor Products Sector the global leader in the embedded semiconductor industry.
Global Manufacturing Sites

LEGEND:
- Wafer Fab Location
- Final Mfg Location

Strength and Stability
Motorola means 75 years of innovation, 50 years in semiconductors.

We focus on the needs of the designer—getting it right the first time with reliable, well-supported products.*

*Motorola is consistently named as a preferred design partner in major industry surveys.
Focused on the Needs of the Designers

Semiconductor Products Sector

Technology & Manufacturing

Technology Focus:
- CMOS
- RF CMOS
- RF LDMOS
- SiGe
- SMARTMOS
- BiCMOS
- Bipolar
- SOI
- GaAs
- MRAM

“Go To Market” Organizations

Communications & Networking

Market Focus:
- Mobile Clients
- Network Infrastructure
- Network Edge Devices

Automotive & Standard Products

Market Focus:
- Transportation
- Standard Products
  - MCU — Analog
  - DSP — Sensors

Tools & Platforms – Metrowerks

Commitment to Innovation and Quality

Pervasive Product Portfolio

Silicon, Software and Tools

Facts About Motorola: A Fact Sheet

2003 New Products

<table>
<thead>
<tr>
<th>Market Leadership</th>
<th>Wireless</th>
<th>Networking</th>
<th>Embedded Control</th>
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<tr>
<td><strong>Target Applications</strong></td>
<td>Cellular Handhelds</td>
<td>Infrastructure</td>
<td>Automotive Industrial Consumer</td>
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<td>Broadband Imaging</td>
<td>Access Computing</td>
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<td>Imaging</td>
<td>Edge Devices</td>
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<td><strong>Embedded Processing</strong></td>
<td>L200/300 Platforms</td>
<td>Smart Networks</td>
<td>32-bit 8 &amp; 16-bit Analog Sensors</td>
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<td>Apps Processors</td>
<td>Comms Proc Network Proc</td>
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<td>Image Capture</td>
<td>Security</td>
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<td><strong>Connectivity</strong></td>
<td>Local Connectivity</td>
<td>WLAN Infrastructure</td>
<td>mobileGT™ Digital Radio</td>
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<td></td>
<td>Client RF</td>
<td>RF Std Products</td>
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<td><strong>2003 Total New Products</strong></td>
<td>42</td>
<td>67</td>
<td>160</td>
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Total: 269 versus 181 in 2002
Motorola Semiconductor Products Sector
Unsurpassed Embedded Leadership

#1 Networking Comm Processors
Gartner Dataquest, May 2003

#1 Automotive ICs
Strategy Analytics, June 2003

#1 Wireless RF Power for Infrastructure
Allied Business Intelligence, November 2002

Motorola Semiconductor Products Sector
Unsurpassed Embedded Leadership

SPS Microcontroller Leadership

<table>
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<tr>
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<th>2002 Total Market $10.8B</th>
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<tr>
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<td>Market Share 2002</td>
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<tr>
<td>Total MCU</td>
<td>15.2% + 1.2%</td>
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<tr>
<td>8-Bit MCU</td>
<td>17.5% + 1.5%</td>
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<tr>
<td>16-Bit MCU</td>
<td>10.3% + 0.8%</td>
</tr>
<tr>
<td>32-Bit MCU</td>
<td>21.2% + 0.5%</td>
</tr>
</tbody>
</table>

Source: Gartner Dataquest, 2003
2003 Technology Focus

- Launch 90nm CMOS production on 300mm with Crolles’ partners ST and Philips
- Deliver world’s first MRAM universal memory product samples
- Increase R&D return on investment through intellectual property licensing
- Drive all areas of operational excellence with business units