



CINTERION

The global leader in cellular M2M communication

The leading M2M module supplier CINTERION is a Gemalto company

CINTERION Company History

CINTERION is the worldwide leading supplier of cellular machine-to-machine (M2M) communication modules, combining unparalleled M2M engineering expertise and localized worldwide customer support along the entire customer lifecycle.

The business started 15 years ago and was recently acquired by Gemalto.



www.cinterion.com

Gemalto

Gemalto, the leader in digital security

Developing software applications as well as designing and producing secure personal devices such as smart cards, e-passports and secure tokens.

Key figures

- 2010 Revenue €1.9 billion
- 10,000 employees
- 90 nationalities
- 45 countries
- 18 production sites
- 13 R&D sites
- 103 innovations filed in 2010
- 1300 patent families



www.gemalto.com

Gemalto Products

Gemalto Product Examples

Gemalto's secure personal devices are in the hands of billions of individuals enabling users to:



Communicate



Shop/Bank



Travel



Work



Gemalto Product Achievements

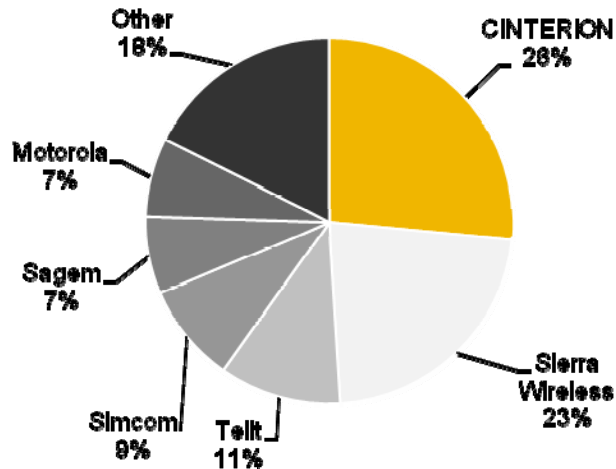
- Produced and securely personalized over 1.5 billion devices in 2009
- Supplying e-passports to countries with some 200 million citizens
- 500 million people use our banking cards
- Serving some 450 mobile operators worldwide that connect 2 billion subscribers
- 30 years experience in designing and producing secure personal devices

CINTERION is the worldwide leading supplier of M2M Modules

Market Leader

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M2M Module Market Shares 2009



Sam Lucero, Practice Connectivity, ABI Research. Director, M2M

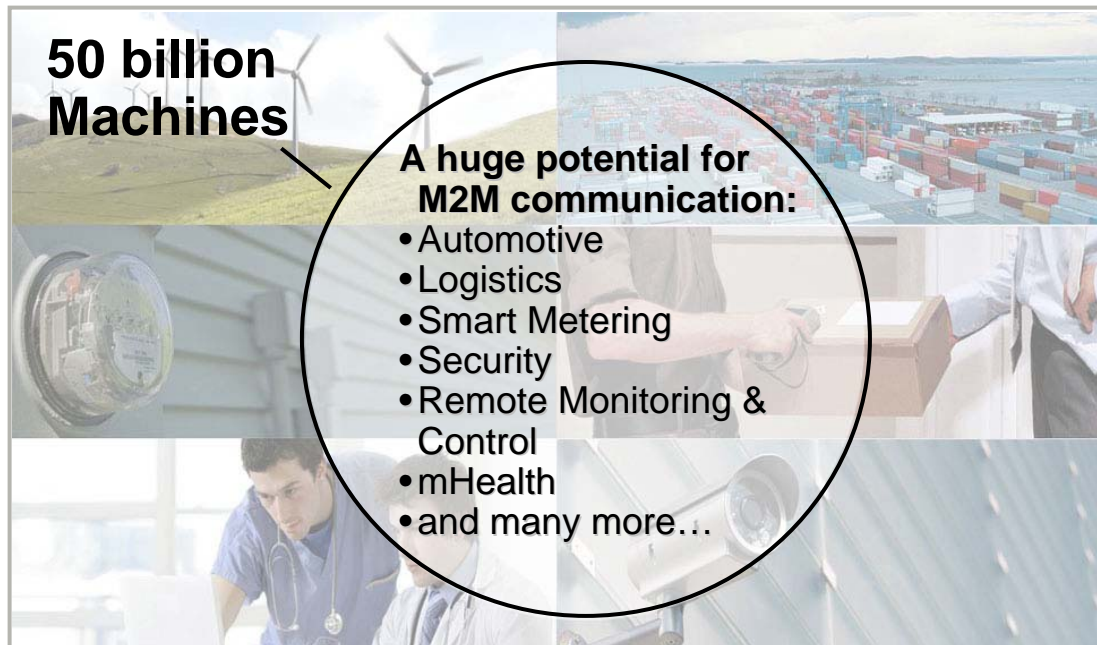
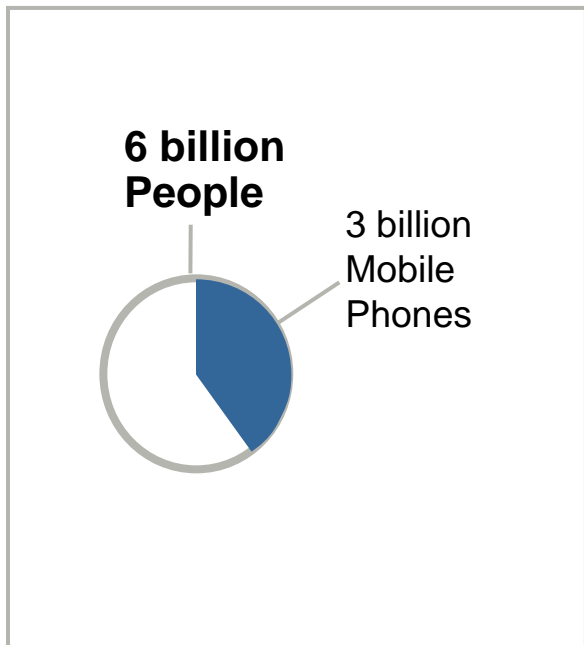
“CINTERION has been the industry’s embedded cellular M2M module market share leader every year since 2003, when ABI Research first started tracking the market ”

Source Market share: Gartner, Inc. July 2010

M2M communication provides a huge market potential

Machine-to-Machine (M2M) technology establishes wireless communication between machines and the information center of a business. M2M communication which is also referred to as “the Internet of Things” can drastically increase efficiency and can also enable new business fields. For example, power meters send their data to the power supplier remotely or trucks can provide information about the status of their freight.

M2M communication potential based on cellular technologies:



50 billion Machines

A huge potential for M2M communication:

- Automotive
- Logistics
- Smart Metering
- Security
- Remote Monitoring & Control
- mHealth
- and many more...

The complex block features a collage of images including wind turbines, a port with shipping containers, a smart meter, a person using a handheld device, and medical professionals. A large black circle highlights the text and list, with a line pointing to the '50 billion Machines' text.

CINTERION total value offering to enable M2M solutions

Leveraging more than 12 years of technical leadership in M2M

M2M Consulting

- Vertical specific consulting
- Avoidance of costly loops

Product Portfolio

- Broad and scalable portfolio
- Flexibility and sustainability

Integration Support

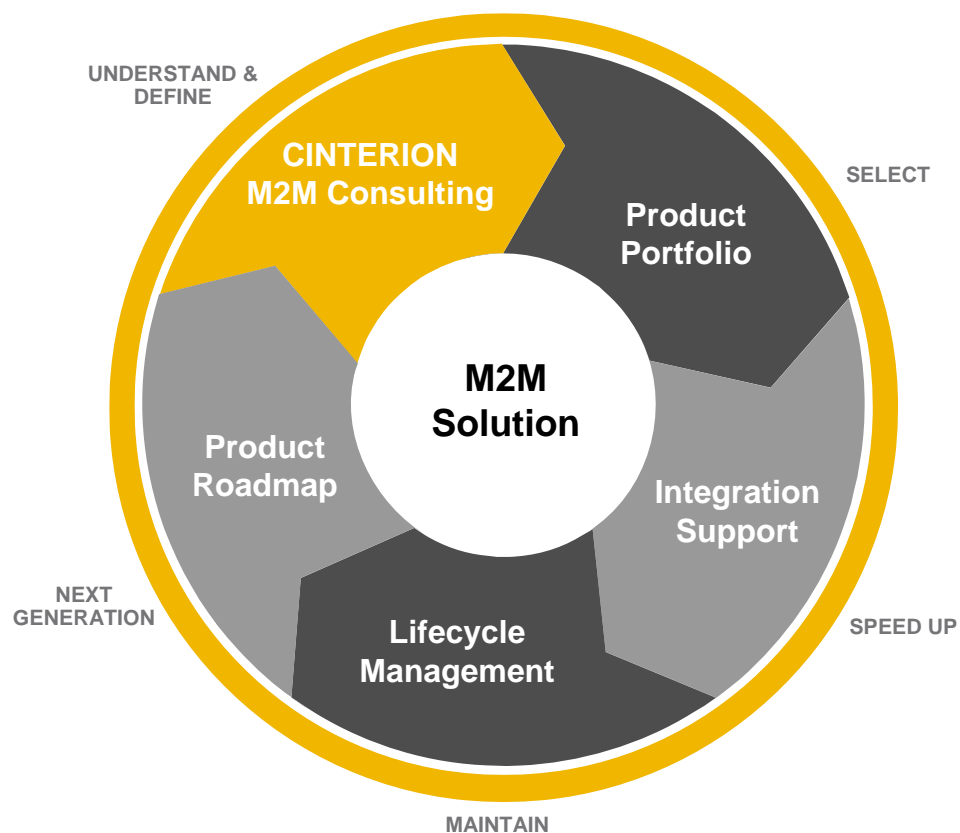
- Global integration & approval support
- Expedite time to market

Lifecycle Management

- Extended product lifetime and availability
- Managing succession & migration

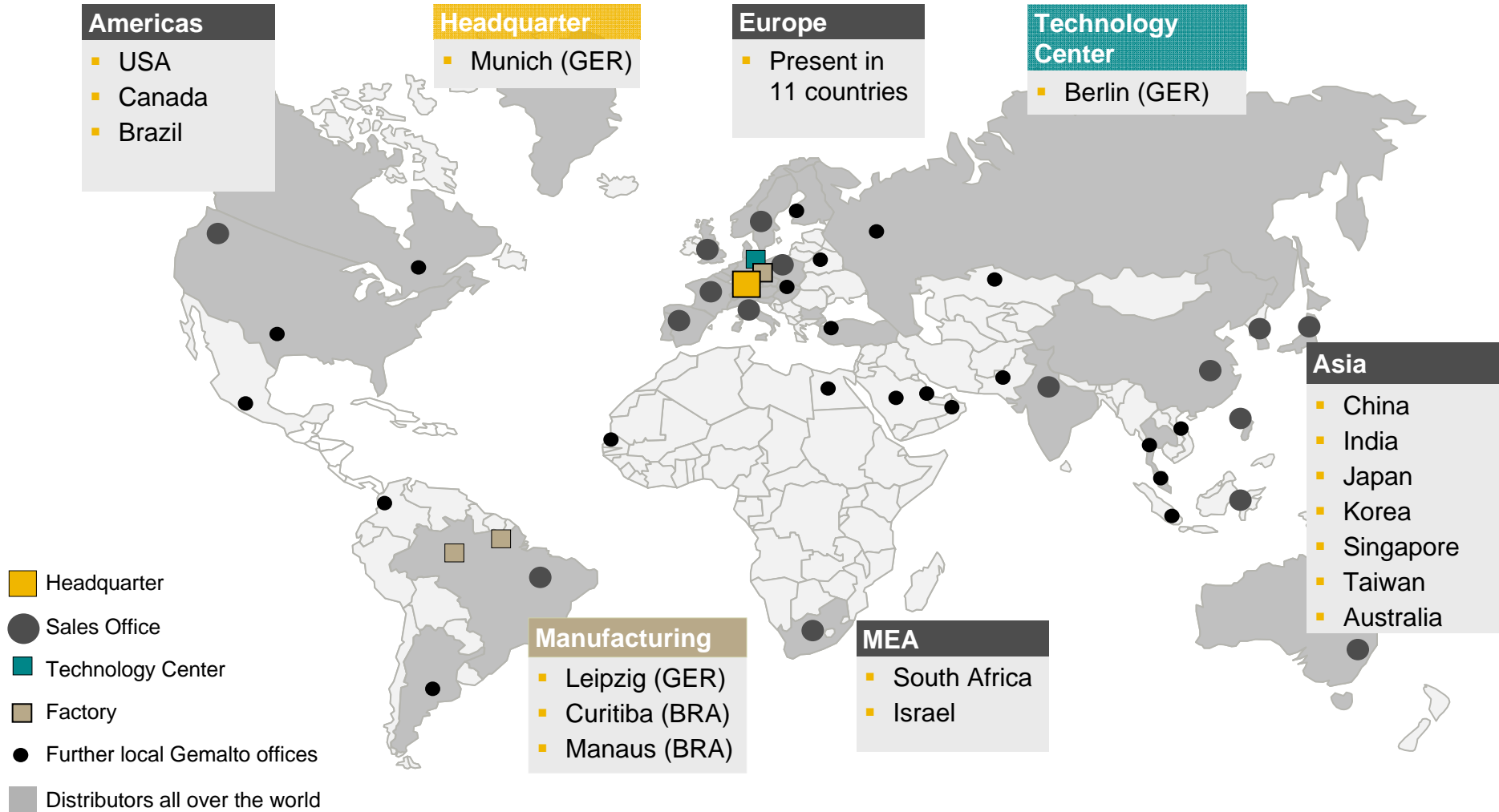
Next Generation Products

- Evolution path to new technologies
- Investment protection for the future



Support over the entire lifecycle lowers cost, increases flexibility and minimizes risk

CINTERION Global Reach and Local Support



CINTERION offers the most Comprehensive Product Portfolio

The CINTERION portfolio is designed to meet the highest demands of industrial M2M applications

- Seamless scalability
- Migration path to new technologies
- Highest quality and reliability
- Long product lifecycle
- Reliable roadmap



M2M Advanced

- Emerging new cellular M2M technologies

M2M Evolution:

- Full set of M2M features
- Seamless feature scalability

M2M Value:

- Focused M2M feature set
- Value focused products

Automotive:

- Certified automotive grade quality
- Automotive specific feature set

Terminals:

- Ready to use M2M platforms

CINTERION Market Milestones in more than 12 years M2M

1997
1st automotive
grade module



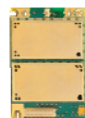
2002
1st GPRS
module on the
market



2004
1st GSM/GPS
module on the
market



2006
1st HSDPA
module on the
market



2008
Evolution Products
Scalability & future
path



2010
Innovation
continues



UMTS with Tri-
Band support

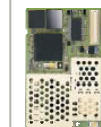


Value 2G with
efficient mounting

2000



2000
1st Compact
GSM module

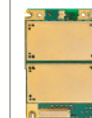


2003
1st Java
module

2005



2005
1st EDGE
module on the
market



2007
HSDPA with
worldwide
roaming

2010



2009
Evolution Products
LGA surface
mounting

CINTERION is a certified, reliable partner for leading companies across all M2M industries



Quality

- Total Quality approach in design and manufacturing
- Cinterion's QMS is compliant to TS 16949 and is certified according to ISO 9001 and VDA 6.2
- Our manufacturers are certified according to TS 16949



CINTERION now combines the strengths of two companies

Cinterion Wireless Modules

- Market leader
- Unparalleled M2M engineering expertise
- Worldwide customer support
- Strong portfolio of high-quality GSM, GPRS, EDGE, UMTS and HSPA products



CINTERION

- Unrivalled global market knowledge
- Unique hardware integrated expertise from Machine Identification Modules (MIM) to M2M module
- Delivering end-to-end solutions from MIM to M2M module to services
- Remote device management
- A first-in-class security expertise for the M2M world

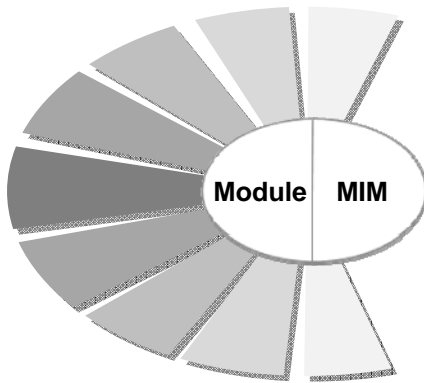


Gemalto

- World's #1 for SIM cards, over-the-air platforms and services for mobile networks
- A comprehensive software and services expertise
- A blue-chip customer basis: 450 mobile network operators worldwide, including the majority of the world's top 50
- An M2M expert: from MIM to associated services



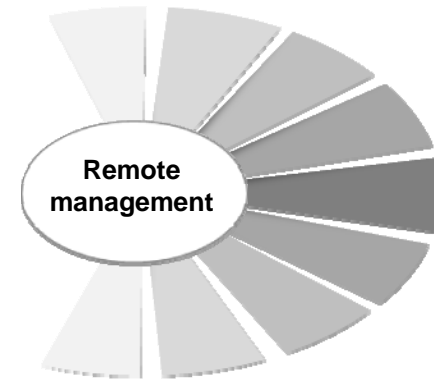
Our combined offering will simplify deployment of industrial applications and improve the business plans of our customers



Smart Machines



Mobile Networks



Industrial companies

Business needs
<ul style="list-style-type: none"> ▪ Zero intervention ~15 years ▪ Must work anywhere ▪ Instantly online ▪ Security ▪ Ability to upgrade firmware and applications

Required services
<ul style="list-style-type: none"> ▪ Module activation ▪ Device management ▪ Data protection ▪ Lifecycle management ▪ Quality of service management

Gemalto solution
<ul style="list-style-type: none"> ▪ Machine Identification Module ▪ Wireless module with best MTBF* ▪ Remote management service ▪ Device management platform ▪ Secure communication

*Mean Time Between Failure

CINTERION Values

- **Company Stability** – Continuous worldwide leading supplier of cellular machine-to-machine (M2M) communication modules with long track record of success
- **Unique Support** – Unparalleled M2M engineering expertise and comprehensive support along the entire lifecycle of products
- **Direct Touch** – Global presence and reliable worldwide local support in all phases of the integration process
- **Strong Portfolio** – Broad and scalable product portfolio with future proof roadmap and highest quality standards
- **Quality Leader** – Highest quality standards throughout product development and production guarantee outstanding product reliability
- **Reliable Partner** – Valued by many customers across all verticals with full commitment to support customers business



CINTERION

We boost the success of our customers by providing innovative, high quality products with a full range of customer support services.