

Innovative semiconductor solutions for energy efficiency, mobility and security



Company Presentation
Feb. 01, 2011



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■ Business Focus

■ Divisions, Products and Technology

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■ Market and Business Development 1st Quarter Fiscal Year 2011

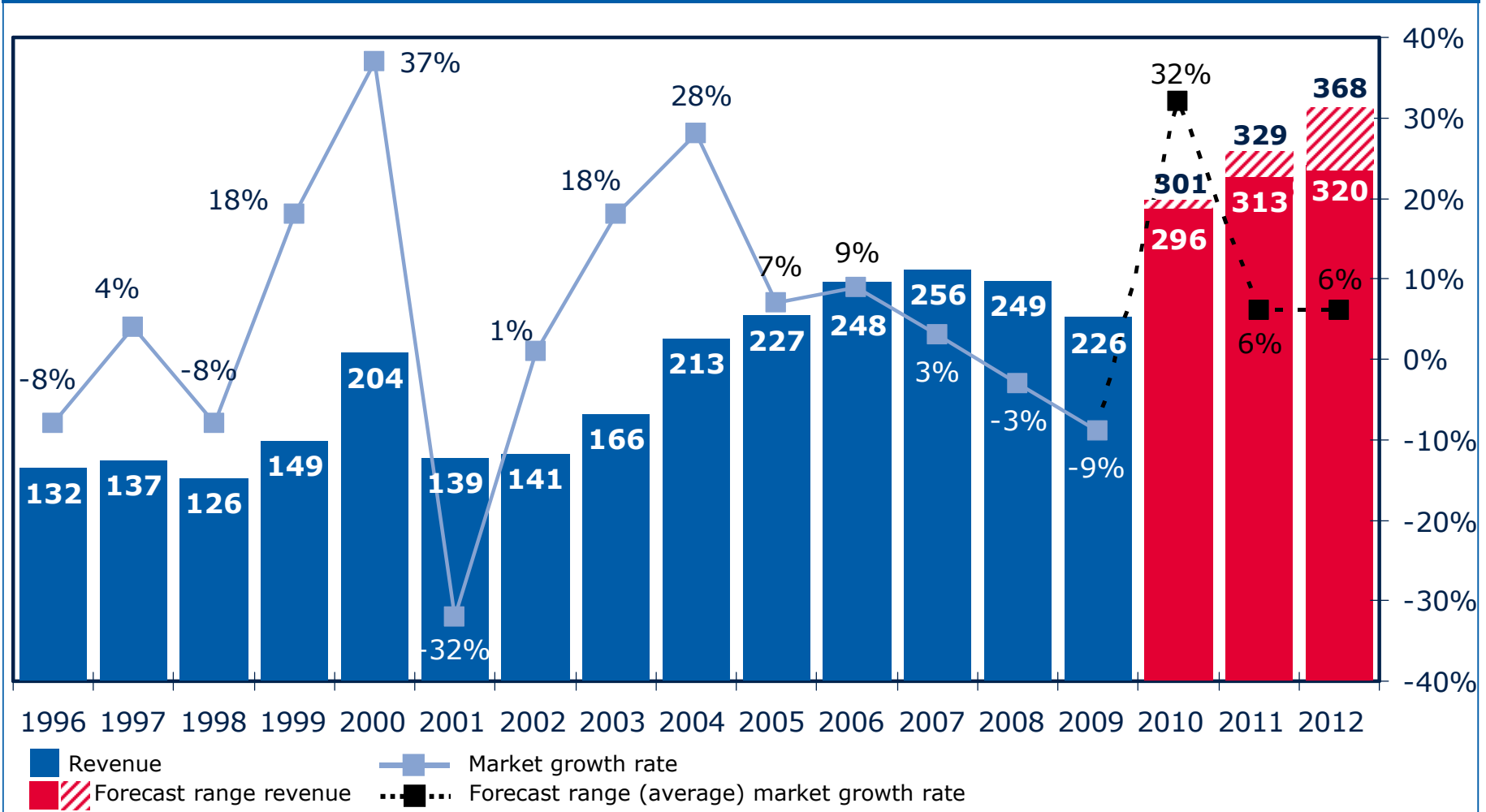
■ Business Focus

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Global semiconductor market development

Revenue in US Dollar billion and market growth rate



Infineon Holds a #1 Position in All Target Markets



**Auto-
motive**

#1

Market
share

9%

Calendar Year 2009
Source: Strategy Analytics,
May 2010

Power

#1

Market
share

11%

Calendar Year 2009
Source: IMS Research,
July 2010

Chip Card

#1

Market
share

27%

Calendar Year 2009
Source: Frost & Sullivan,
October 2010

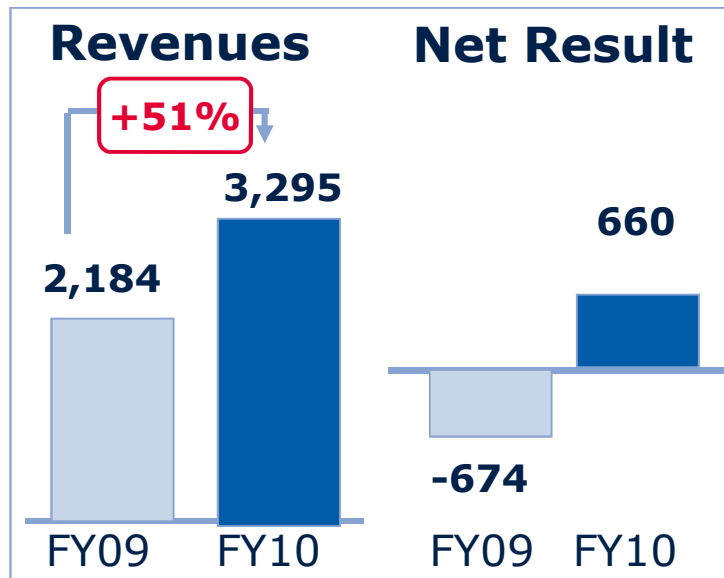
The Company

- Infineon provides semiconductor and system solutions, focusing on three central needs of our modern society:
Energy Efficiency, Mobility and Security
- Revenue in FY 2010*: 3.295 billion EUR
- 27,315** employees worldwide (as of December 2010)
- More than 21 R&D locations
- Germany's largest semiconductor company

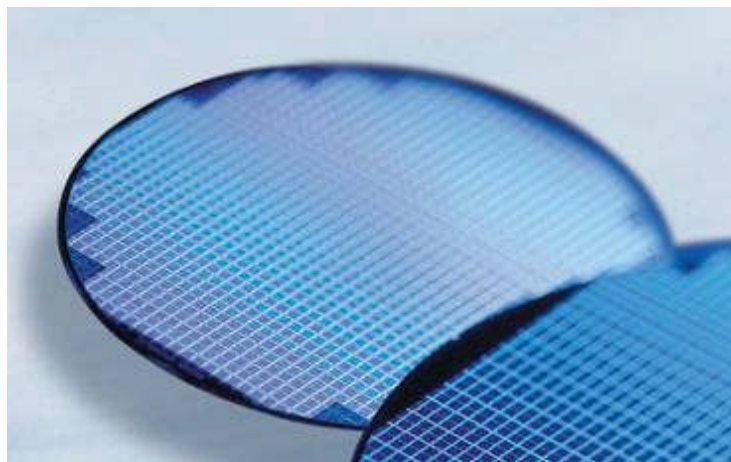
*Note: Figures according to IFRS with Wireline and Wireless as discontinued operations; as of September 30, 2010

**Note: Including Wireless as discontinued operations; as of December 31, 2010

Infineon Group Results for FY 2010 vs FY 2009



in € million	2009	2010
Revenues	2,184	3,295
Segment Result	-140	475
SR Margin	-6.4%	14.4%
Net Result	-674	660

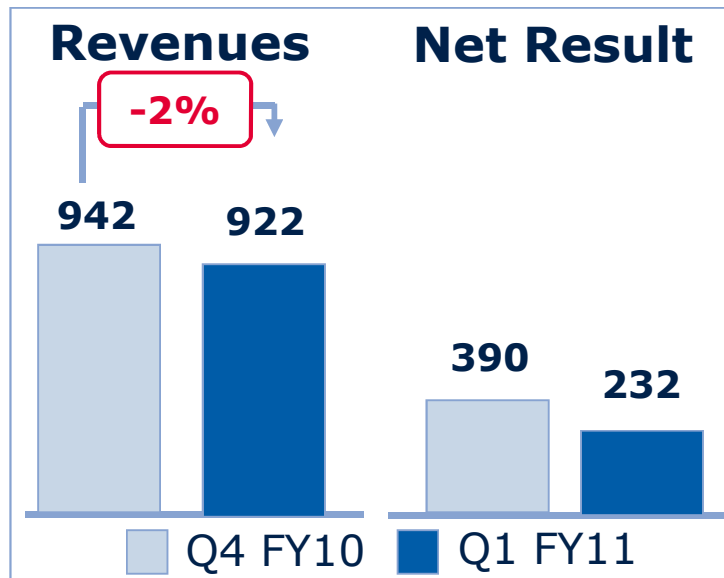


Free Cash Flow	274	573
Investments PPE	96	292
Net Debt/Cash	657	1,331
Market capitalization	~4,200	~5,522

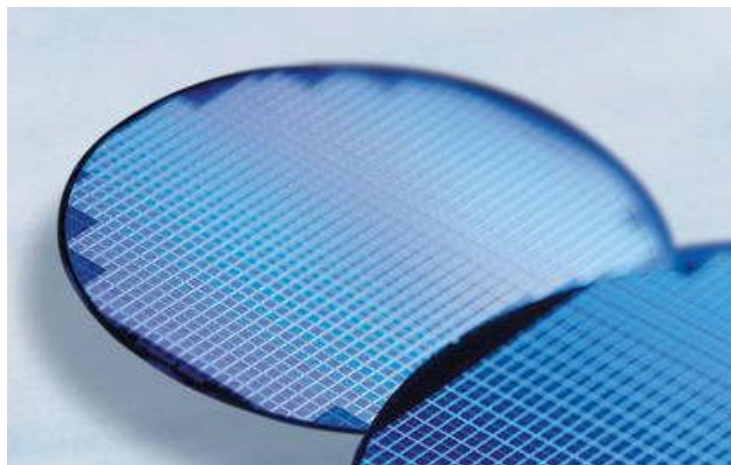
Note: Figures according to IFRS with Wireline and Wireless as discontinued operations; as of September 30, 2010
01/02/2011

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Infineon Group Results for Q1 FY11 vs Q4 FY10



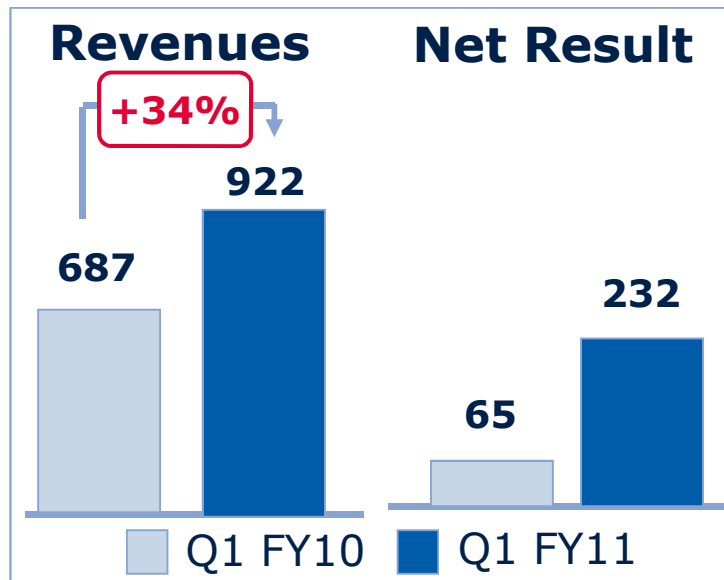
in € million	Q4 10	Q1 11
Revenues	942	922
Segment Result	171	177
SR Margin	18%	19%
Net result	390	232



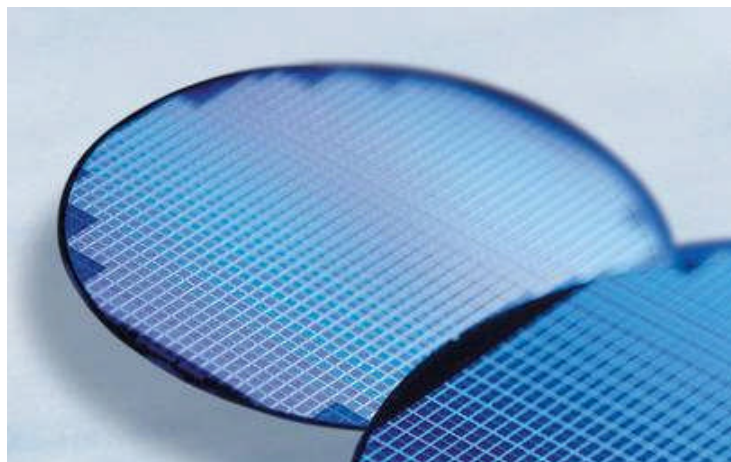
Free Cash Flow	236	4
Gross Cash Position	1,727	1,669
Net cash	1,331	1,293

Note: Figures according to IFRS with Wireline and Wireless as discontinued operations; as of September 30, 2010

Infineon Group Results for Q1 FY11 vs Q1 FY10



in € million	Q1 10	Q1 11
Revenues	687	922
Segment Result	70	171
SR Margin	10%	19%
Net result	65	232



Free Cash Flow	-21	4
Gross Cash Position	1,678	1,669
Net cash	874	1,293

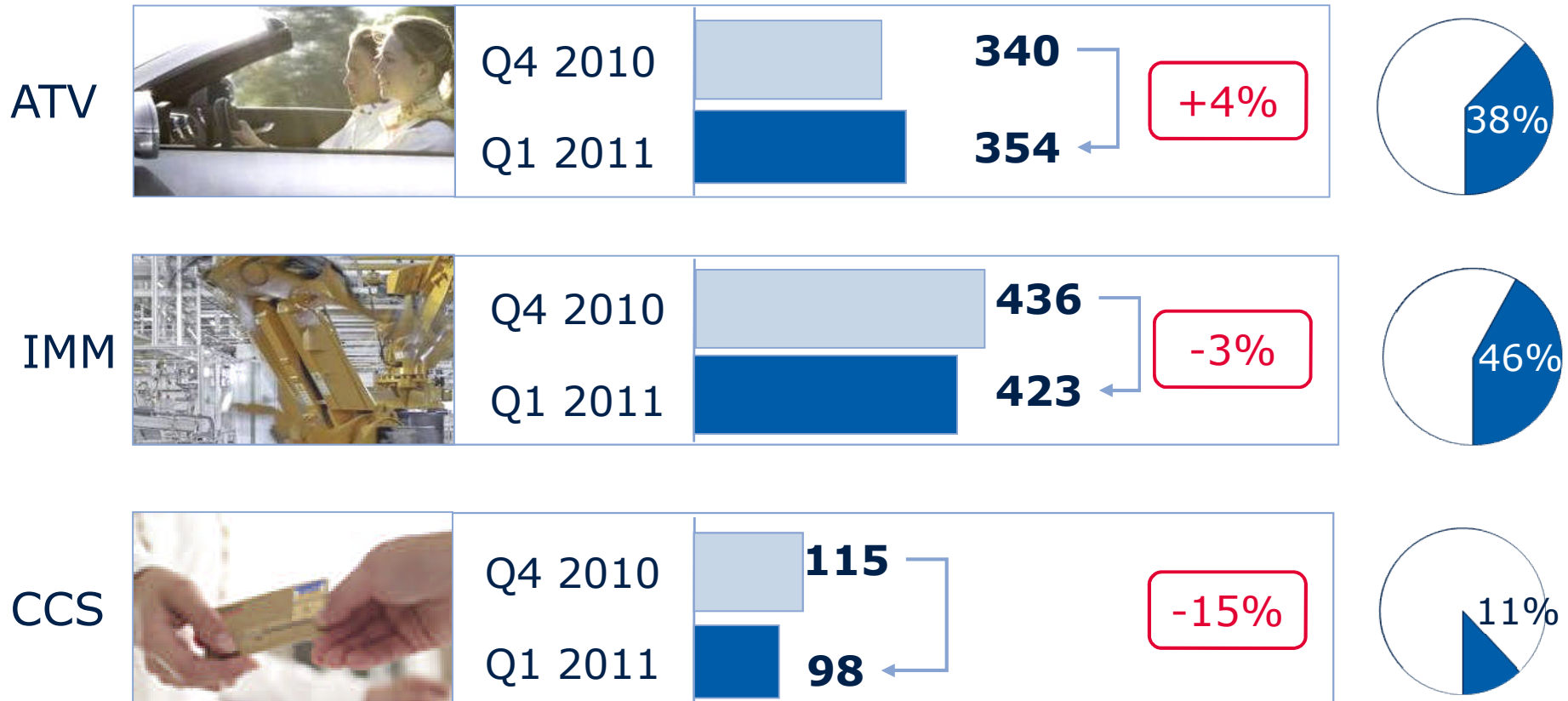
Note: Figures according to IFRS with Wireline and Wireless as discontinued operations; as of September 30, 2010

Infineon Segment Revenues Q4 FY10 and Q1 FY11



Revenue* in € million

Share of total



*: Total Revenue includes Other Operating Segment (Q4 FY10 € 56 m, Q1 FY11 € 41 m), Corporate & Eliminations (Q4 FY10 € -5 m, Q1 FY11 € 6 m).










Infineon Segment Results

Q4 FY10 and Q1 FY11



Segment Result* (SR) in € million

SR Margin

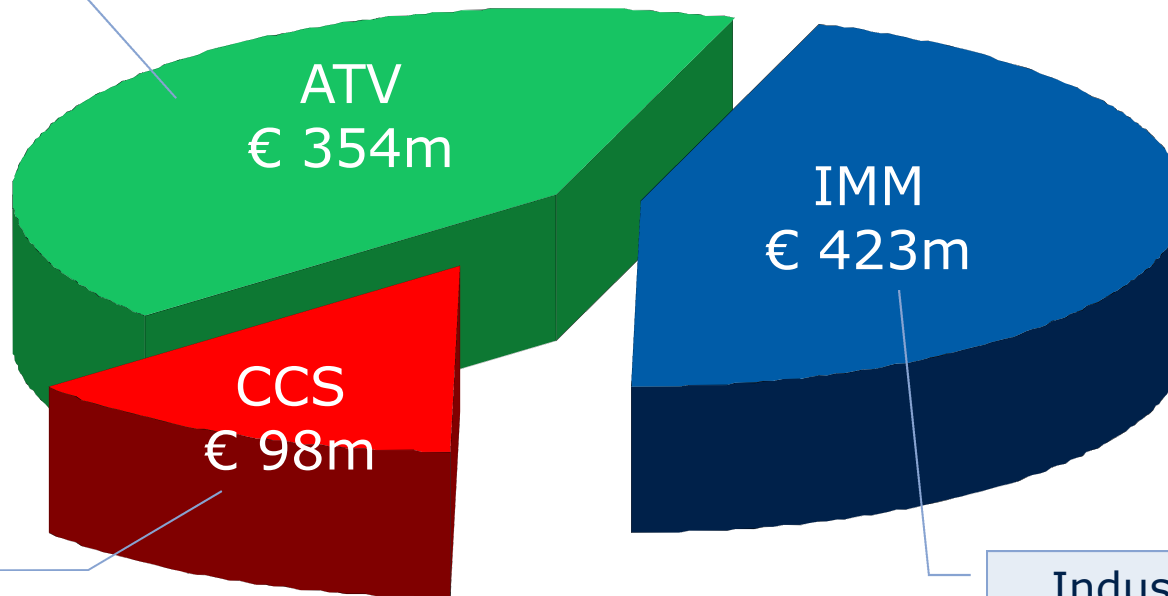
ATV		Q4 2010	 58	17%
		Q1 2011	 59	17%
IMM		Q4 2010	 106	24%
		Q1 2011	 107	25%
CCS		Q4 2010	 12	10%
		Q1 2011	 10	10%

*: Total Segment Result includes Other Operating Segment (Q4 FY10 € 5 m, Q1 FY11 € 2 m), Corporate & Eliminations (Q4 FY10 € -10 m, Q1 FY11 € -1 m).

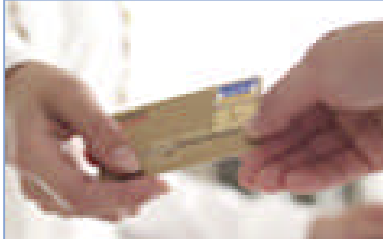
Revenue Split by Division

3-months FY 2011 revenue split

Automotive



Chip Card & Security



Industrial & Multimarket



Proportional Revenue Infineon Group by Regions FY 2009 and FY 2010

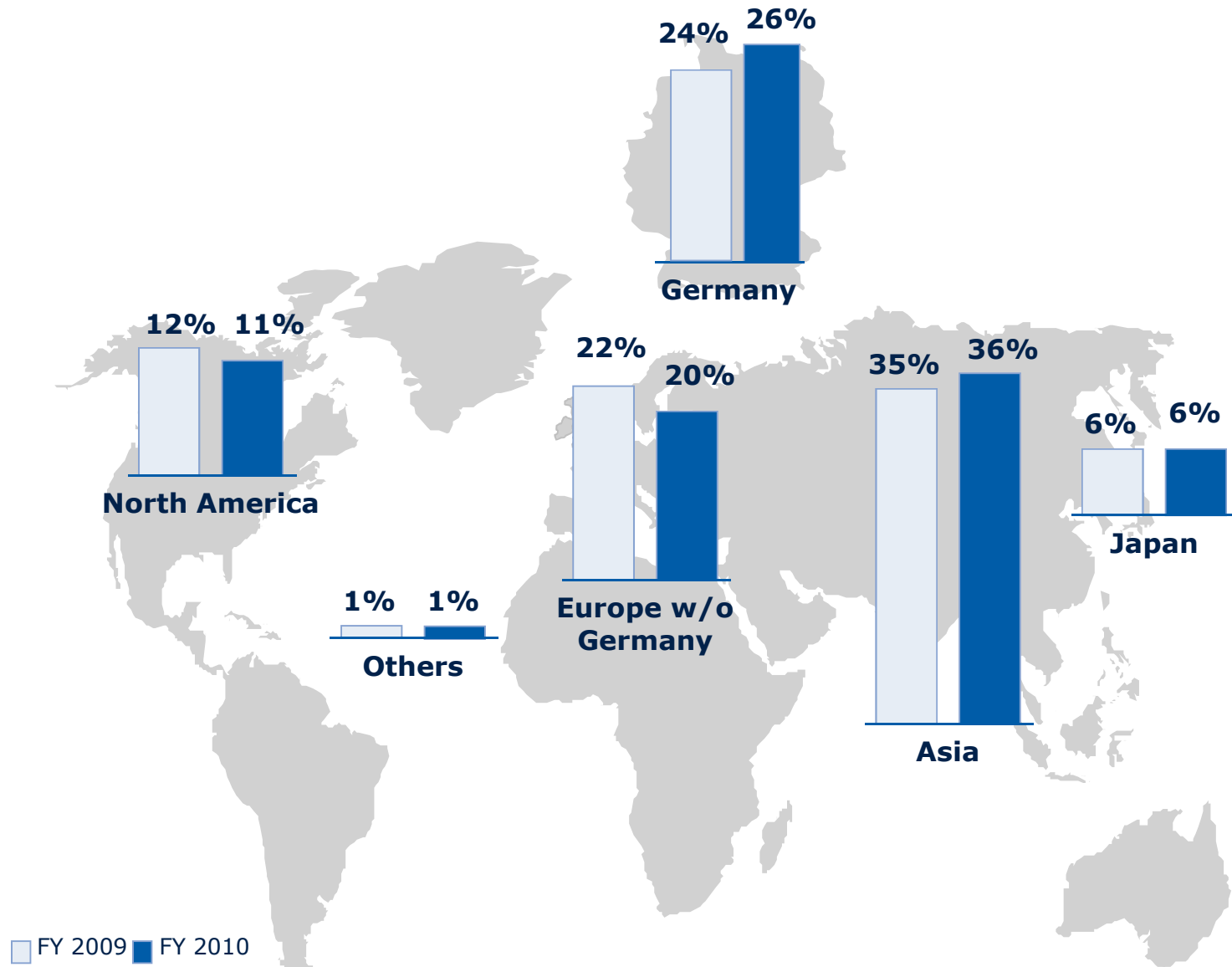


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The Infineon Compass Guides us on Our Way

Our Purpose

We are the semiconductor innovation leader for energy efficiency, mobility and security. Our solutions help modern society to grow while preserving our environment.

Our Way

Our people are the foundation of Infineon's unique competitive advantages, strong financial results and high performance. We deliver the best to our customers, employees and shareholders - anywhere, anytime.

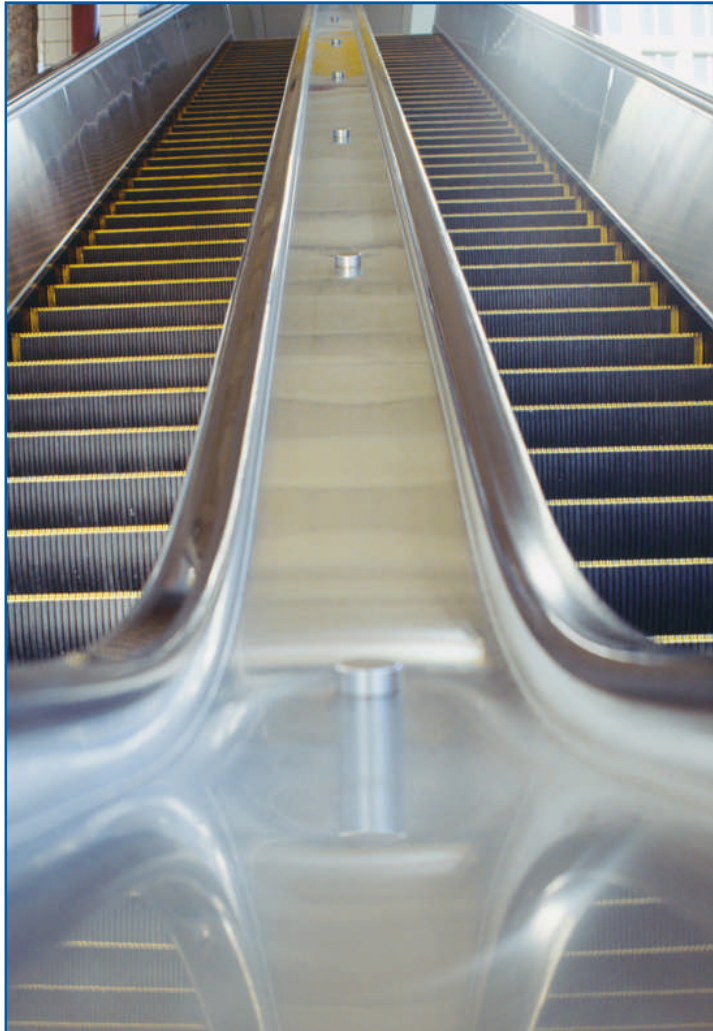
Our Values

Four core values are the driving force behind our day-to-day execution: we commit – we innovate – we partner – we perform.

Infineon Compass



Paving the Way for a High Performance Company



- Successful restructuring by IFX10+
 - Consequent cost reduction
 - Efficiency increase
- Successful refinancing in 2009
 - Repurchase and redemptions of convertible and exchangeable bonds in 2009 (total: € 367 m nominal)
 - New convertible bond issued 2014, gross proceeds of about € 182 m
 - € 674 m capital increase, 100% subscribed
 - Strict working capital management, capex discipline
- Consequent adoption of the Infineon portfolio for all target markets
 - World leading in ATV, IMM and CCS
 - Selling WLC to Golden Gate Capital
 - Selling WLS to Intel
 - Focus on the three major challenges of today's society:
 - Energy Efficiency
 - Mobility
 - Security

We Focus on Our Target Markets

Focus Areas

- Energy Efficiency
- Mobility
- Security



Core Competencies

- Analog/Mixed Signal
- Power
- Embedded Control
- Manufacturing Competence

Our Target Markets

- Automotive
- Industrial Electronics
- Chip Card & Security



We focus on three areas with highly attractive future perspectives



Energy Efficiency



Mobility



Security



- Automotive
- Industrial & Multimarket
- Chip Card & Security

Introducing the new focus area "Mobility" reflects:

- Our leadership position in Automotive
- Rising importance of new mobility concepts (e.g. electro mobility) and
- Innovative public transportation solutions for traction & electronic tickets

Energy Efficiency



Key trends

- Soaring total energy demand across the globe amid dwindling fossil energy resources
- Strong CO₂ policies to achieve climate goals
- Tapping renewable energies as sustainable energy sources
- Electrification of the drivetrain of commercial and passenger vehicles

Our contribution

- Infineon delivers semiconductor innovations playing a valuable role in minimizing power loss and maximizing power savings along the entire energy supply chain, extending from generation through distribution to actual consumption.
- Our products are the basis for intelligent and optimal use of energy resources in industrial, computing and consumer applications, and in cars.

Mobility



Key trends

- Rigid CO₂ regulations and rising oil price
- Increasing rules on safety, focusing on preventive measures
- Rising new requirements in cars for emerging markets
- Urbanization, globalization and demographic change
- Strong investments in local and long distance public transportation systems

Our contribution

- Leading semiconductor solutions contributing to a more sustainable mobility in terms of reduced fuel consumption/emissions, improved safety and affordability.
- As an innovation driver and supplier of key components for electric and hybrid vehicles, Infineon will actively help to shape the paradigm shift towards electro mobility on the road.
- Innovative public transportation solutions for traction and electronic tickets.

Security



Key trends

- Requirements for secure systems are visible in all areas of life
- Secure communication everywhere utilizing mobile phone and internet
- Move to electronic identification of documents and products
- Contactless cards for payment and electronic tickets
- Increased electronics in cars, calling for secure data handling

Our contribution

- Tailored security according to system requirements, enabling the implementation of transparent security in everyday systems
- Leverage our worldwide leadership in security know-how for smart cards in automotive and industrial applications increasingly demanding security
- Combining both hardware security and cryptography, our products build the basis for privacy and security while maintaining personal freedom and facilitating extended communication capabilities

We Align to Our Customer Segments



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Infineon – Market-Oriented Business Structure



Divisions

Core Applications



Automotive Overview



Core competencies/ Value proposition

- Fully **automotive commitment**: More than **40 years** of automotive **system and application expertise**
- **Complete automotive system provider**
- **Hybrid and E-Mobility**: industry **leading expertise** and product portfolio
- **Worldwide** development, production and support sites for automotive semiconductors
- **Automotive Excellence**: most comprehensive quality program of the industry

Product range

- **Sensors**: pressure, temperature, magnetic; wireless control ICs, radar
- **Microcontrollers**: 8-bit, 16-bit, 32-bit
- **Power**: MOSFETs, IGBTs, smart power ICs: voltage regulators, bridges, driver ICs, CAN / LIN / FlexRay™ transceiver, DC-DC converter, power system ICs, system-on chip embedded power ICs
- **Hybrid & Electric Vehicle**: HybridPACK™ Modules, Automotive Easy Modules, gate driver ICs, MOSFETs, IGBTs

Market positions

- **No. 1** in Automotive semiconductors worldwide
- **No. 1** in Europe
- **No. 2** in NAFTA
- **No. 2** in ROW

Source: Strategy Analytics (April 2010)

* FlexRay is a trademark licensed by FlexRay Consortium GbR

We Focus on Future Business

Example 1: Making Cars Cleaner



Market trends

- Dwindling energy resources
- Stricter CO₂ emission legislations
- Growing environmental awareness

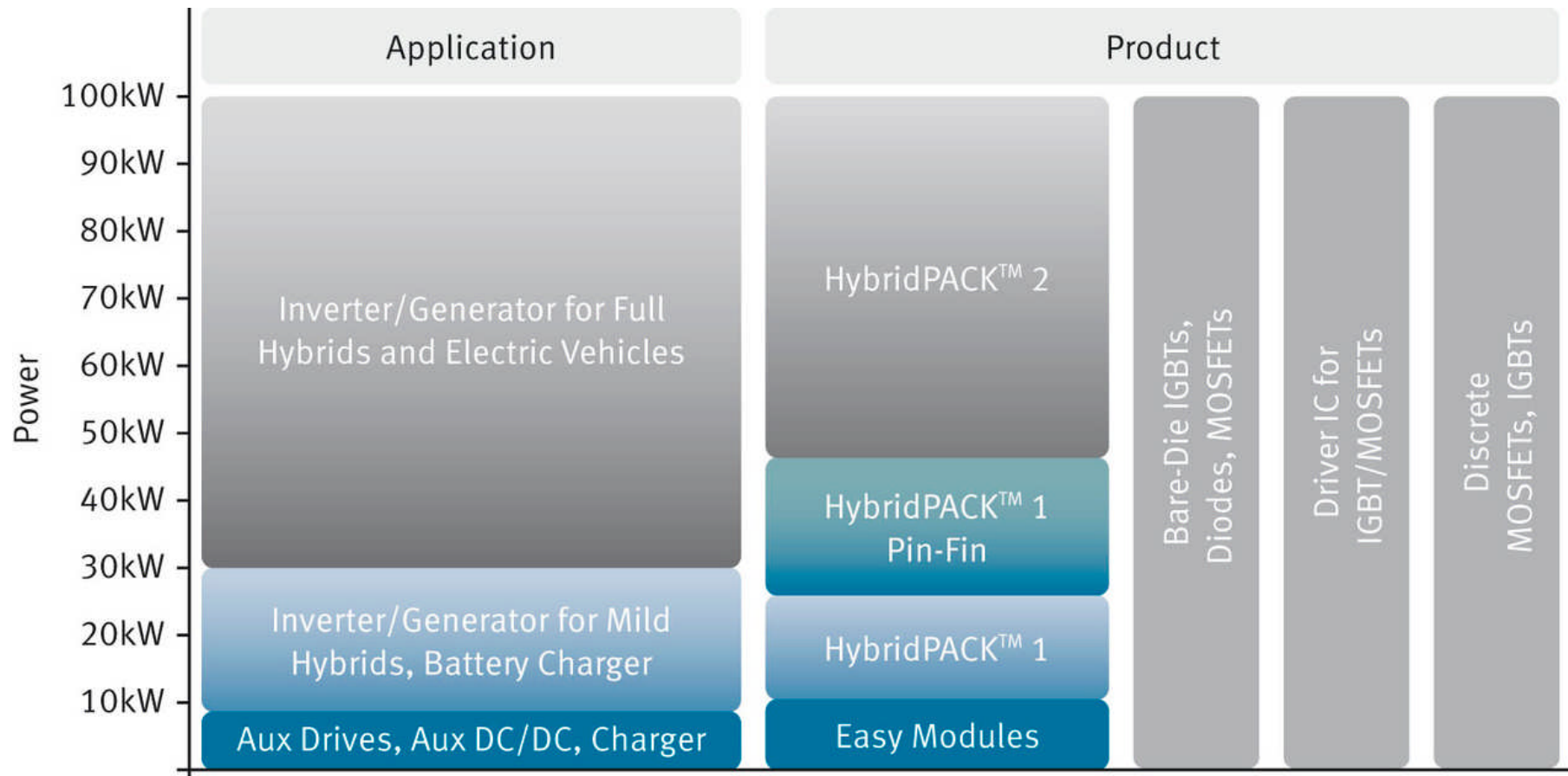
Infineon's opportunities

- Infineon components are key for CO₂ reduction: Total improvement of CO₂-emission ~23 g/km
- We offer Hybrid and electric drivetrain products (HybridPACK™)
- No electric vehicle without semiconductors: electric drive and control, battery management, on-board battery charging and power grid communication

Note: Baseline CO₂ reduction in g/km: 170 g/km on Ø EU cars



Target Applications for Electric Drive Train Product Portfolio



Industrial & Multimarket Overview



Core competencies/ Value proposition

- High quality products and services
- Leading edge technology and IP portfolio
- System expertise with broad application competence
- Strong worldwide presence with local sales and application support
- Dedicated account teams & distributors

Product range

- Power discretes, modules and stacks
- Power management ICs
- AF/RF diodes and transistors, RF Power
- Silicon MEMS microphone, TVS diodes
- LED drivers
- ASIC design solutions incl. secure ASICs for authentication and brand protection
- Microcontrollers: 8-bit, 16-bit, 32-bit

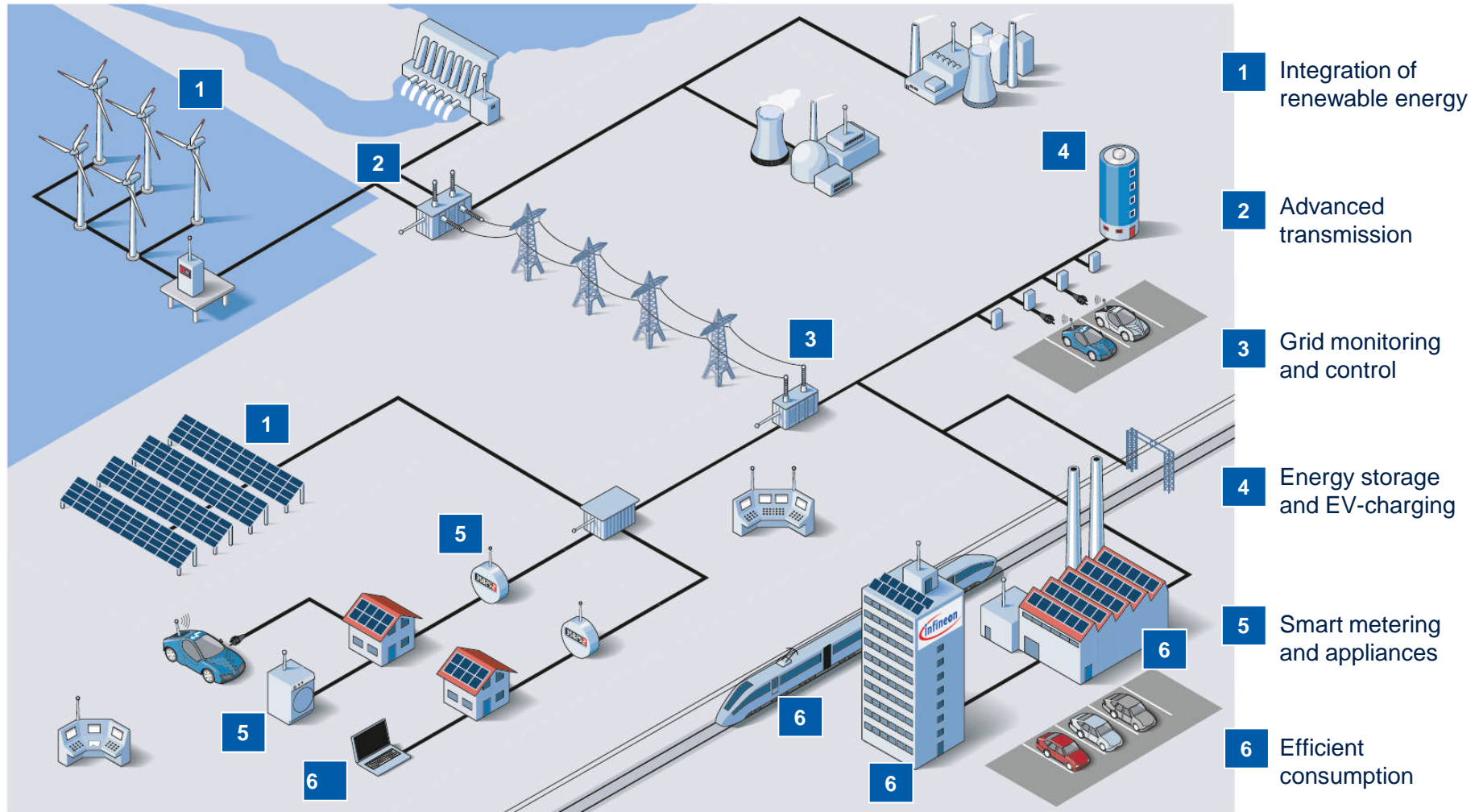
Market positions

- No.1 in Power Semiconductors for seven consecutive years
 - No.2 in Power Modules with 20.5% share
 - No.1 in Power Discretes with 8.2% share

Source: IMS Research, July 2010

We Focus on Future Business

Example 2: Smart Grid



Power Components for Drive Control of Train Systems



High-speed trains



Underground trains



Infineon parts

- Power: 5 to 10MW per train
- 80 to 120 IGBT modules per train
- Semiconductor content:
~EUR 100k per train



- Power: 0.5 to 1MW per train
- 25 to 50 IGBT modules per train
- Semiconductor content:
~EUR 10k per train

Chip Card & Security Overview



Product range

- Contactless and contact-based security products for Communication, Payment, Government ID, Personal & Object ID, Entertainment and Platform Security
- Extensive packaging and service portfolio
- Innovative solutions from basic security RFID and memories to high-end security controllers (including the award winning SLE 78 family)

Core competencies/ Value proposition

- Tailored security: right level of security at the best cost-performance ratio
- Contactless excellence: focus on interoperability and dual interface
- Embedded control: right trade-off between computing power, power consumption, level of security and cost

Market positions

- No. 1 in the Chip Card IC market for 13 years with a market share of 27%¹ by revenue
- Market leader in Government ID and Payment
- Roughly every second Government ID document issued in 2009 incorporated a security chip of Infineon (without China ID)
- Supplier to Europe's biggest national ID program: the new German national ID (nPA)

We Focus on Future Business

Example 3: Protecting Privacy

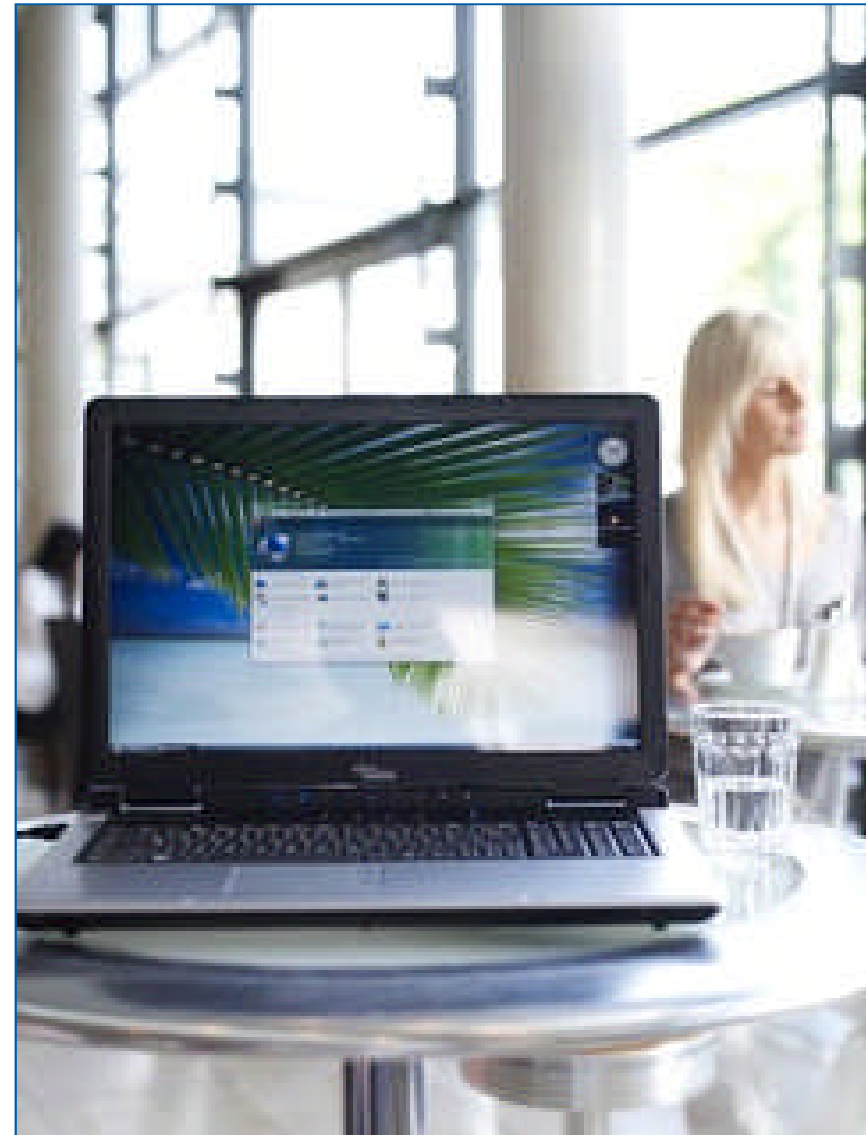


Market trends

- Trusted Platform Modules (TPM) on 70% of enterprise notebooks and desktops; Windows 7 support
- Data protection: Encryption of files, folders, disks, messaging, digital signatures
- Strong authentication: Network access protection and additional authentication factor

Infineon's opportunities

- No. 1 supplier for TPM solutions
- Infineon's TPM security chips are first to receive global TCG and Common Criteria Certification and UK government approval



Infineon's SLE 78 Security Controller for the New German National e-ID Card (nPA)



German national electronic ID card

- Project start in Nov 2010.
- Europe's biggest ID project.
- Currently, about 60m e-ID card holders in Germany.
- About 6.5m ID cards are issued each year in Germany.
- Infineon is providing a significant share of the total volume.
- The new German national e-ID (nPA) is attracting significant attention worldwide as it is one of the most advanced approaches regarding security in ID projects.
- ~ 80% of e-ID cards in Europe contain Infineon security μ C.



- nPA is the first major project for the 16-bit SLE 78 family.
- SLE 78 is based on "Integrity Guard" security technology.



INTEGRITY GUARD

Infineon – Partner of the Worldwide Electronics Industry



Key Customers

Automotive

- Autoliv
- Bosch
- Continental
- Delphi
- Denso
- Hella
- Hyundai
- Kostal
- Lear
- Mitsubishi
- TRW
- Valeo

Industrial & Multimarket

- ABB
- Alstom
- Cisco
- Converteam
- Dell
- Delta
- Emerson
- Ericsson
- HP
- LG Electronics
- Microsoft
- Nokia
- Panasonic
- Philips
- RIM
- Samsung
- Schneider Electric
- Siemens
- SMA Technology
- Sony

Chip Card & Security

- Beijing Watch Data
- Cisco
- Gemalto
- Giesecke & Devrient
- Oberthur
- Sagem Orga
- US Government Printing Office

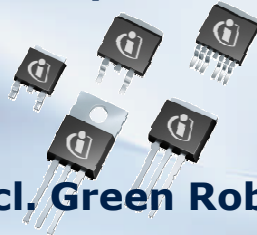
- **Main channel partners**
(distributors):
Arrow, Avnet,
Beijing Jingchuan,
Rutronik, Tomen,
Toyotsu,
WPG Holding
- **Electronic Manufacturing Services (EMS):**
Celestica,
Flextronics,
Foxlink, Hon Hai,
Jabil, Sanmina-SCI

Infineon Semiconductor Technology Portfolio



Technology portfolio fits needs of logic and power applications

Power/Analog



incl. Green Robust

Analog Bipolar:	DOPL, Ax, BIPEP, B4C	DMOS:	KSPx, PFET (p-channel)
Analog BICMOS:	B6CA, B6CA-CT, B7CA, SPT170 500 - 350nm HV-CMOS-SOI	(OptiMOS)	KSNx, EH4, SFETx (n-ch.)
Smart Power :	1200-130nm BIP/CMOS/DMOS SPTx (Automotive, EDP) (BCD)	HV-DMOS:	EH5/6, EHATx, (CoolMOS) EHATDx, EHCx, EHCxD
Smart :	CMOS/DMOS, SMARTx, (SmartMOS) MSMARTx, SSMARTx Opto-TRIAC	IGBT:	IGBTx, LightMOS, ZIGBT
		Fast Recov. Diodes:	FRSTD (ECxxx)
		SiC Devices:	Diode; MOS/JFET

all of them adopted for automotive and industrial requirements

MEMS/Sensors



Analog ICs:	B6CA, B7CA Coreless Transformer	Pressure:	BxCSP, TIREPx
Magnetic:	BxCAS, C9FLRN_GMR	Microphone:	DSOUND
Opto:	OP-DI, OP-TR, OP-C9N, μ -modules		

CMOS



Digital CMOS:	800nm – 65nm Technology Nodes (Platform <180nm incl. RF, AMS)
Analog/Mixed Signal:	500nm – 180nm Technology Nodes (CxNA)
eNVM:	EEPROM: IMEMR, C9FL OTP: C5OP (Automotive)
eFlash/EEPROM:	250nm – 65nm CxFL (Chip Card), CxFLA, CxFLN (Automotive)

RF/Bipolar



RF BICMOS:	25GHz – 100GHz: B6HFC, B9COPT, B10C		
Bipolar IC:	NF-IC, 2GHz...200GHz RF-Bipolar: BxHF	SiGe:	B7HFM, B7HF_SLC, B7HF200
HiPAC:	Al/Cu Integrated Passives P7Mxx, P7Dxx, P8Mxx, P9Mxx	RF Switches:	C7NP, C11NP
Bipolar/Discretes/MMIC:		SiGe:	B7HFD/M, B7HF_SD
RF-Transistors	NF-TR; BxHF(D/M),	RFMOS:	HFM
Power Amplifier:	LDMOS, LDxM, LDxIC, LD9AB	PIN:	DxP
Diodes:	NF-DI, Tuner: DxT, Schottky: DxS		

Infineon Package Technology Portfolio

IC				Power			
Wafer Level Packages, Bare Die	Laminate based Packages	Leadframe based Packages	Chip Card	Discretes	Sensors	High Power	Power
<p>Surface Mount Technology (SMD)</p> <p>Wafer Level w/o redistribution</p> <ul style="list-style-type: none"> ▪ WLP (fan-in) <p>w/redistribution</p> <ul style="list-style-type: none"> ▪ WLB (fan-in) ▪ eWLB (fan-out) <p>Bare Die</p> <ul style="list-style-type: none"> ▪ Wirebond ▪ Flip chip 	<p>SMD</p> <ul style="list-style-type: none"> ▪ OCCN ¹⁾ ▪ BGA ▪ LBGA ▪ xFBGA, xFSGA <p>Flip chip</p> <ul style="list-style-type: none"> ▪ FCxBGA ▪ xF2BGA, xF2SGA 	<p>Through Hole</p> <ul style="list-style-type: none"> ▪ DIP ²⁾ <p>SMD</p> <ul style="list-style-type: none"> ▪ PLCC ²⁾ ▪ TSSOP ▪ TQFP ▪ LQFP ▪ MQFP <p>Leadless</p> <ul style="list-style-type: none"> ▪ VQFN ▪ O-LQFN ¹⁾ 	<p>Mold on LF</p> <ul style="list-style-type: none"> ▪ P-MCCx <p>Mold</p> <ul style="list-style-type: none"> ▪ P-Mx.x <p>Chip on Flex</p> <ul style="list-style-type: none"> ▪ FTM <p>UV Globe top</p> <ul style="list-style-type: none"> ▪ T-Mx.x <p>PRELAM</p> <ul style="list-style-type: none"> ▪ PPxx <p>Flip Chip</p> <ul style="list-style-type: none"> ▪ S-MFCx.x <p>Wafer</p> <ul style="list-style-type: none"> ▪ Bumped ▪ Diced 	<p>SMD leaded</p> <ul style="list-style-type: none"> ▪ SOT ▪ SOD <p>Flat lead</p> <ul style="list-style-type: none"> ▪ TSFP ▪ SC <p>Leadless</p> <ul style="list-style-type: none"> ▪ TSLP ▪ TSSLP ▪ TSNP <p>Wafer level</p> <ul style="list-style-type: none"> ▪ WLP 	<p>Through Hole</p> <ul style="list-style-type: none"> ▪ PSSO <p>SMD Leaded</p> <ul style="list-style-type: none"> ▪ DSO ▪ SC ▪ TSOP <p>Open cavity</p> <ul style="list-style-type: none"> ▪ DSOF 	<p>Power Modules</p> <ul style="list-style-type: none"> ▪ Easy ▪ 62mm ▪ Econo ▪ Econo PACK+ ▪ PrimePACK ▪ IHM ▪ IHV ▪ Hybrid PACK 	<p>Through Hole</p> <ul style="list-style-type: none"> ▪ TO, DIP <p>SMD</p> <ul style="list-style-type: none"> ▪ TO ▪ DSO ▪ SSOP <p>Leadless</p> <ul style="list-style-type: none"> ▪ TDSON ▪ TSDSON ▪ CanPAK ▪ SON ▪ QFN <p>SIP Low Power</p> <ul style="list-style-type: none"> ▪ IDC <p>SIP Medi. Power</p> <ul style="list-style-type: none"> ▪ CIPOS

1) for specialities only 2) phase-out

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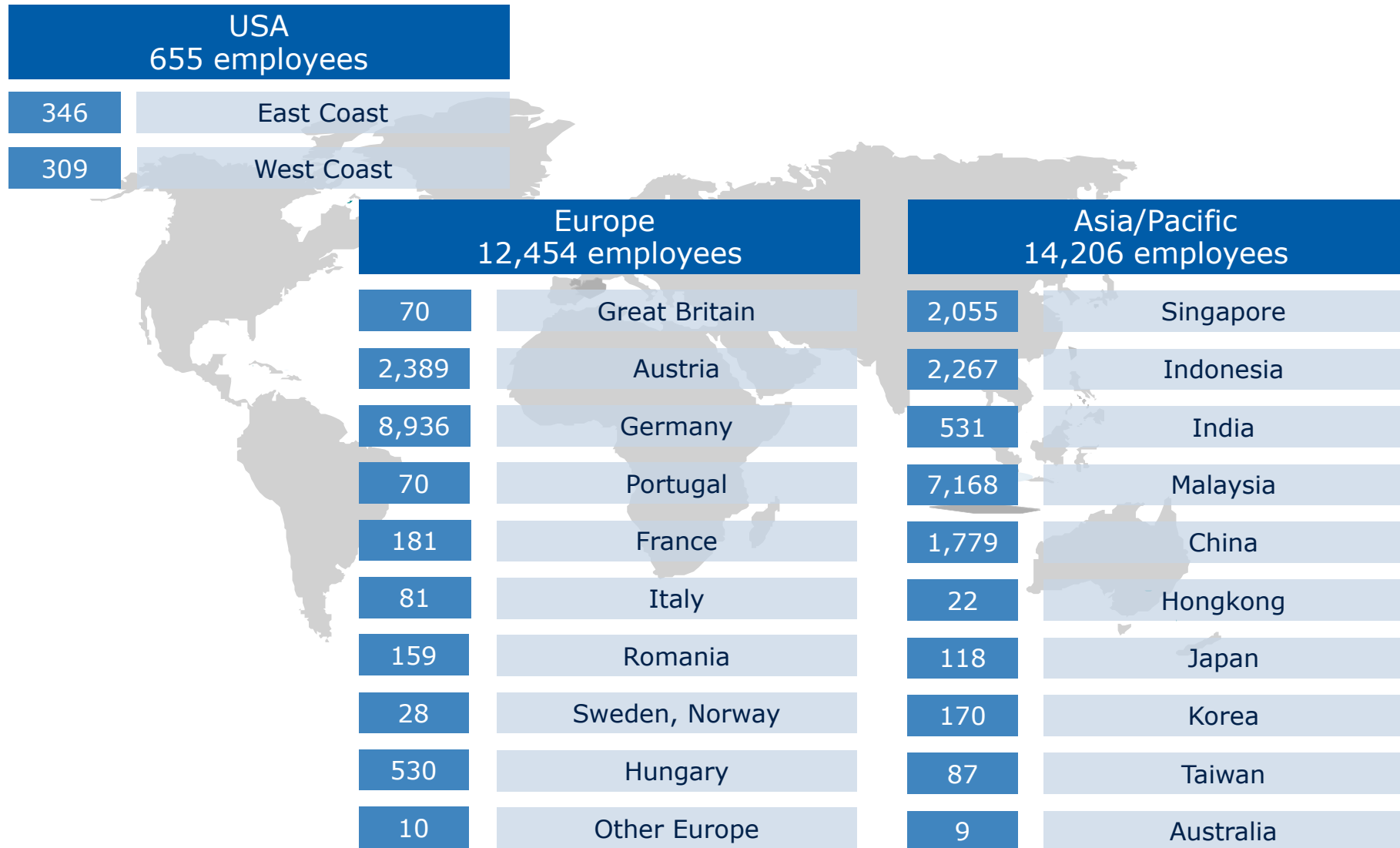
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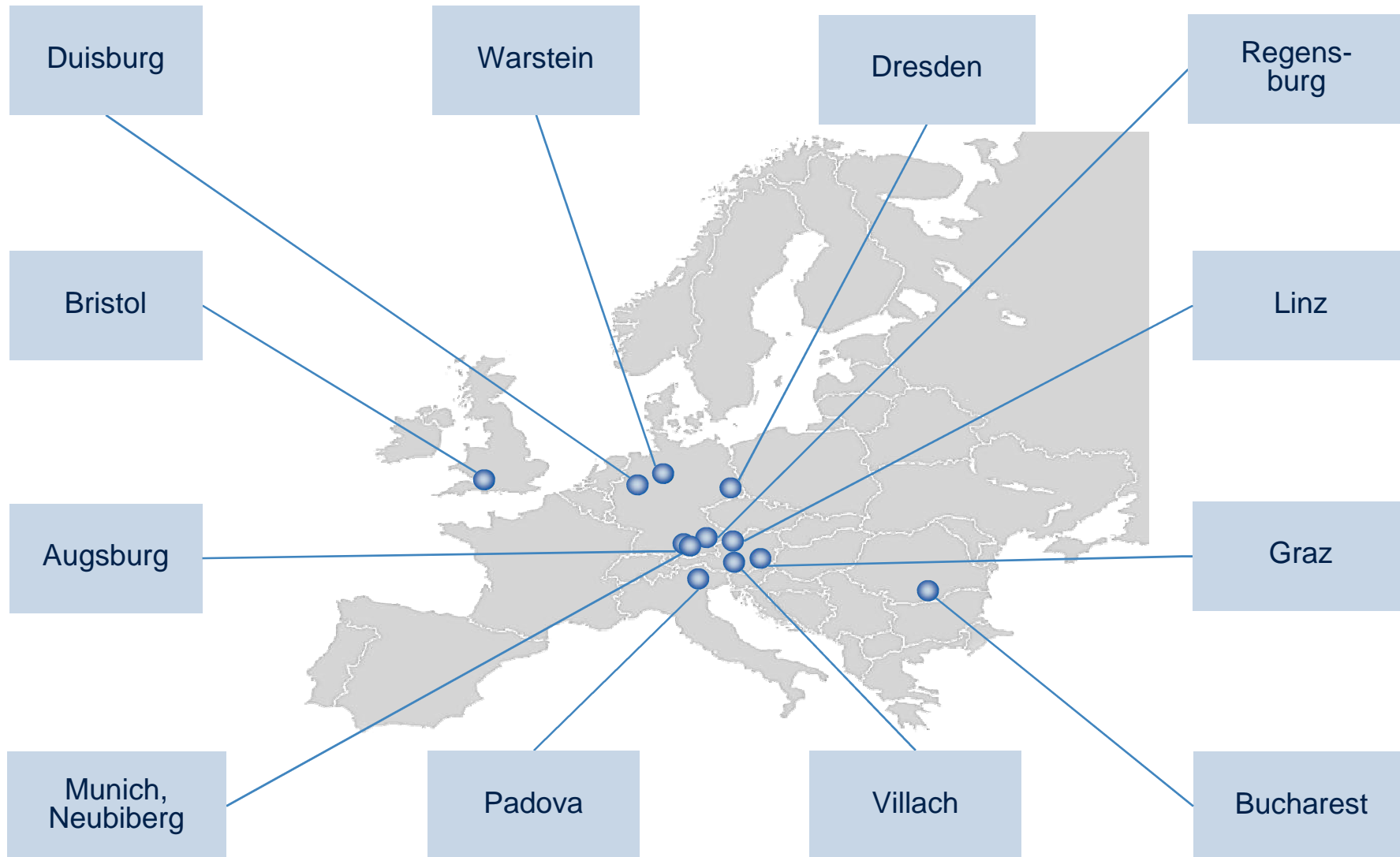
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Infineon: 27,315 Employees Worldwide



*Note: Including Wireless as discontinued operations; as of December 31, 2010

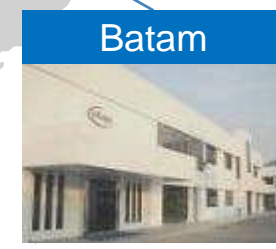
Infineon – R&D Network in Europe



Infineon – Worldwide R&D Network (Excluding Europe)



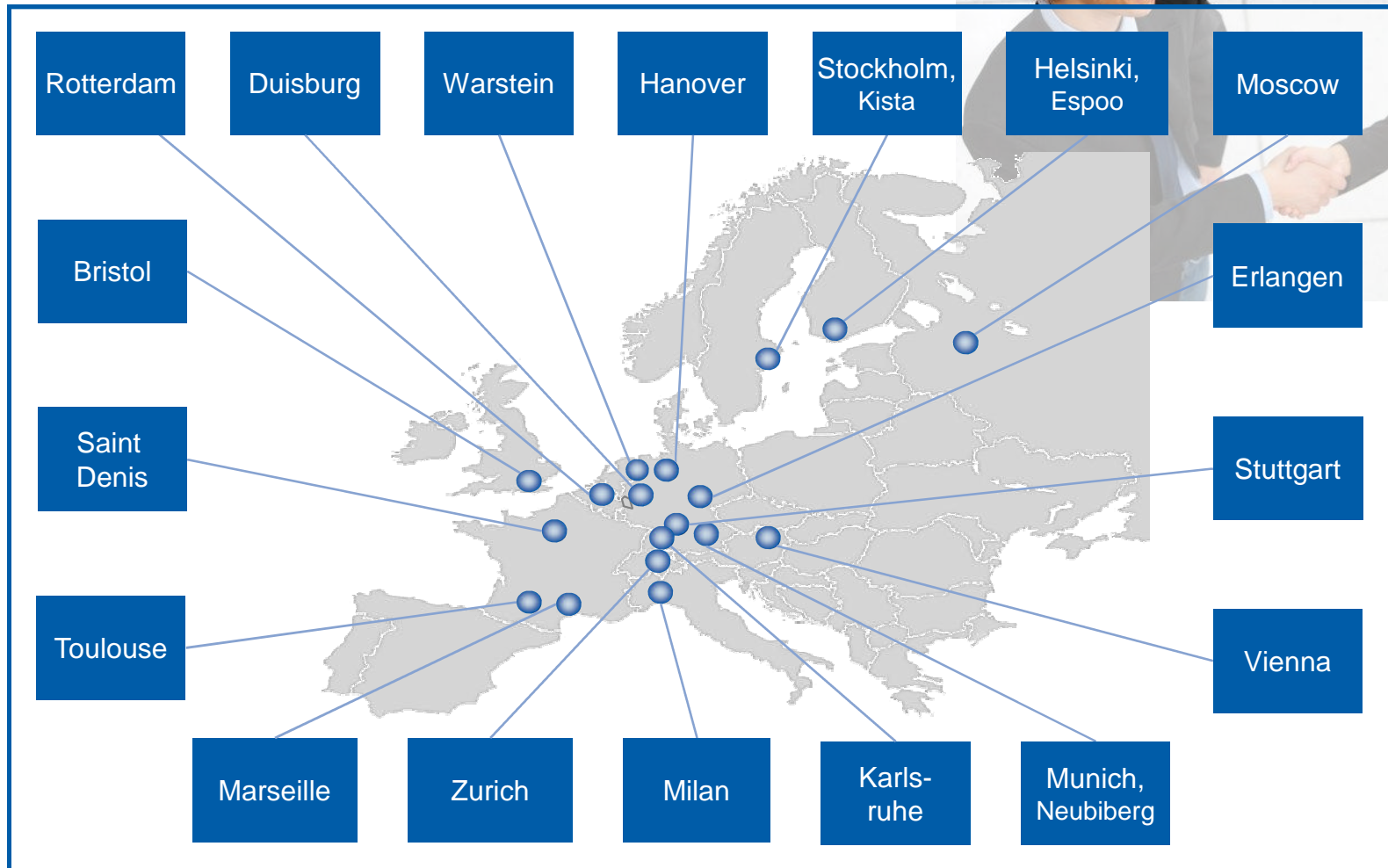
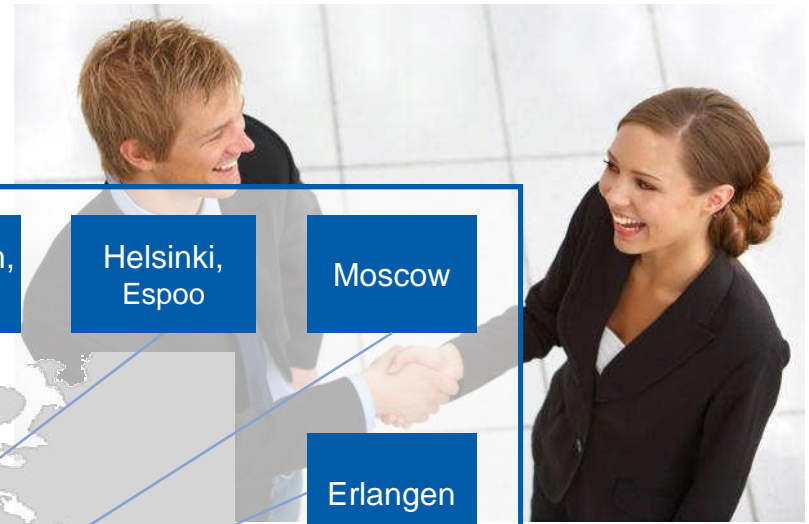
Infineon – Worldwide Production Sites Frontend and Backend



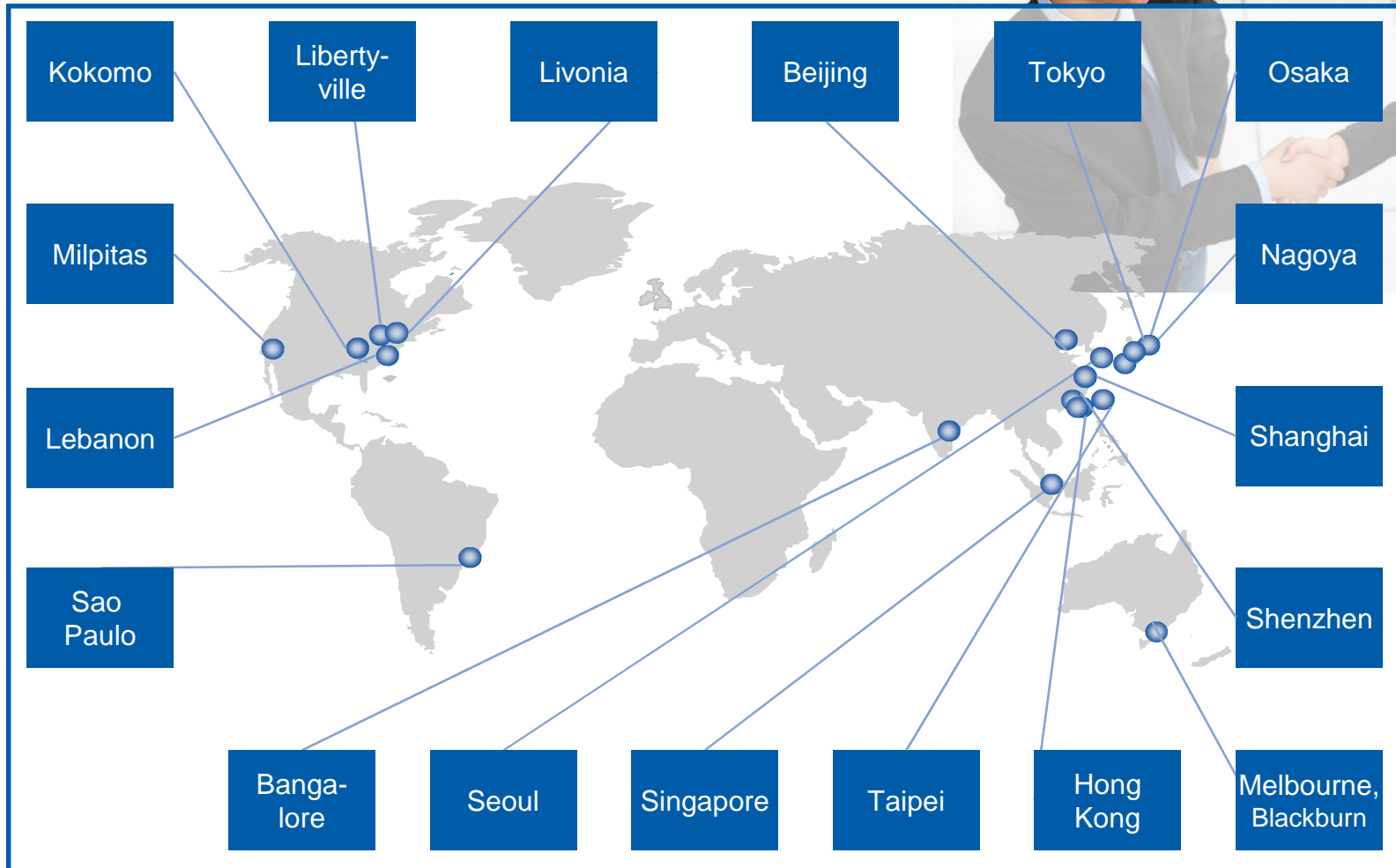
Frontend

Backend

Infineon Sales Offices in Europe



Infineon Sales Offices Worldwide (Excluding Europe)



Sustainability For Human Beings and the Environment



ISO 14001 / OHSAS 18001 certification

Dow Jones Sustainability Indexes
Member 2010/11

Voluntary agreements

Sustainability

Global Compact participant

Partnerships

Comprehensive and advanced concept at Infineon

Sustainability For Human Beings And The Environment



IMPRES*): Synergy between responsibility for humans & environment and economic success

EN ISO 14001 and OHSAS 18001 multi-site certification



Efficient resources management for environmental protection, **high safety** and **health standards**


Voluntary commitment to reduce greenhouse gas emissions

Intelligent concepts for minimization of waste and emissions

Responsible acting accompanies our products and is part of our supply chain management

For Infineon, responsibility and sustainability are more than just the fulfillment of legal requirements

*)Infineon Integrated Management Program for Environment, Safety and Health



We have one of the most advanced sustainability concepts in the world

Our Occupational Safety

- ... accident rate is benchmark compared to the German Social Accident Insurance Institution for the Energy, Textile, Electrical and Media Products Sectors – even our accident counting method is more strict.

Our Products

- ... are enablers for energy efficient end-products and applications.
- ... are subject to an unique life-cycle analysis approach for the optimization of the environmental footprint.
- ... are drivers of green Product development.

Our Manufacturing

- ... saved electricity equal to the annual consumption of a city with 1.5 Million inhabitants, (e. g. more than Munich has) or equal to one coal-fired power plant for more than 1.3 years.
- ... achieved our voluntary agreement to reduce Kyoto-Gases (PFC) three years earlier than the global target of our industry.
- ... is considered benchmark in terms of resources efficiency.

Integrated Business Continuity Management





ENERGY EFFICIENCY MOBILITY SECURITY

Innovative semiconductor solutions for energy efficiency, mobility and security.

