

The Gemalto logo consists of the word "gemalto" in a white, lowercase, sans-serif font. To the right of the text is an orange four-pointed starburst icon. The background of the entire slide is a high-angle, hazy photograph of a dense urban skyline, with a semi-transparent silhouette of a human head in profile overlaid on the left side.

gemalto

Digital Security

Jan NĚMEC & Petr ŠTURC

Smartcard is ...



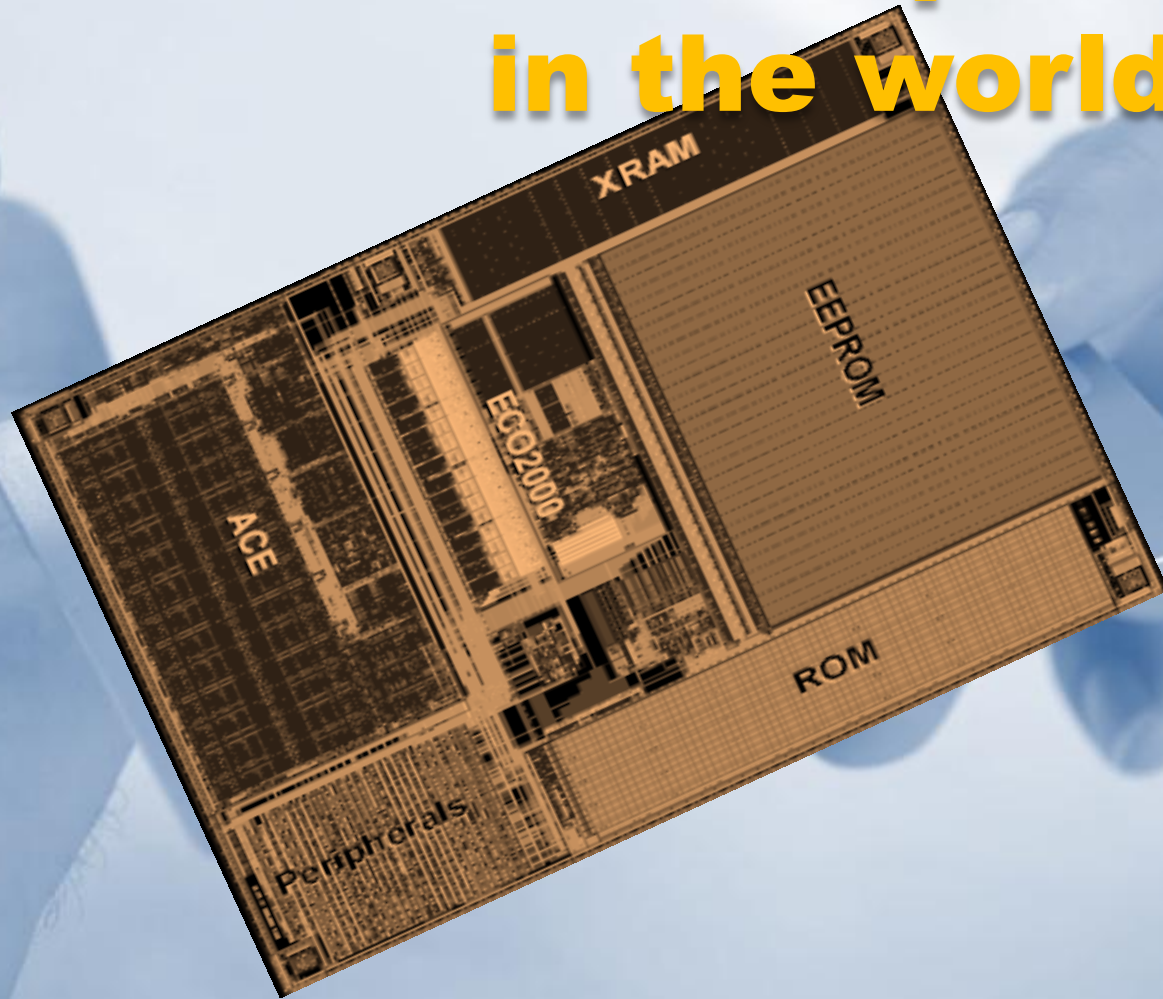
Smartcard is ...



Smartcard is ...



... the most sold computer
in the world!



Smartcard is your **avatar** in digital world



Embedded software

C++



Microsoft
.net

python™



mifare®

IAR
SYSTEMS

KEIL™
Tools by ARM



eGo

Intra - Body Communication

<http://ego-project.eu>

gemalto
security to be free

“Over one billion people are using Gemalto’s solutions in their everyday lives – most without even knowing it!”





Electrical and Graphical Personalization



... more than cards!

Financial Services

- Payment cards
- Contactless & mobile payment
- Online banking
- Personalization services



Telecommunication

- SIM
- Device Management
- Mobile Financial Services
- Roaming Services



Enterprise

- Access cards
- Tokens
- Digital Signature
- One Time Passwords



Government

- Passports, ID, Driving license
- Biometry
- Border control
- Personalization services



Transport

- E-Ticketing
- Terminals
- Secure App Modules



Machine to Machine

- Wireless modules
- Machine ID Modules
- Remote Management





J2ME



iOS 4

symbian OS



Handset applications





Mobile Payment

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Over-The-Air Solutions

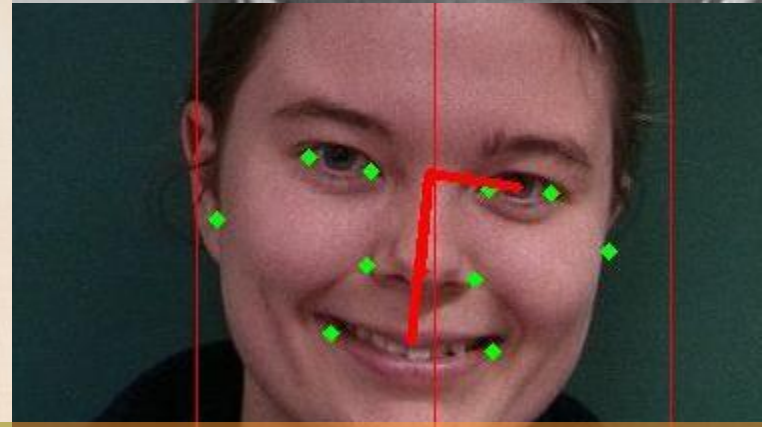
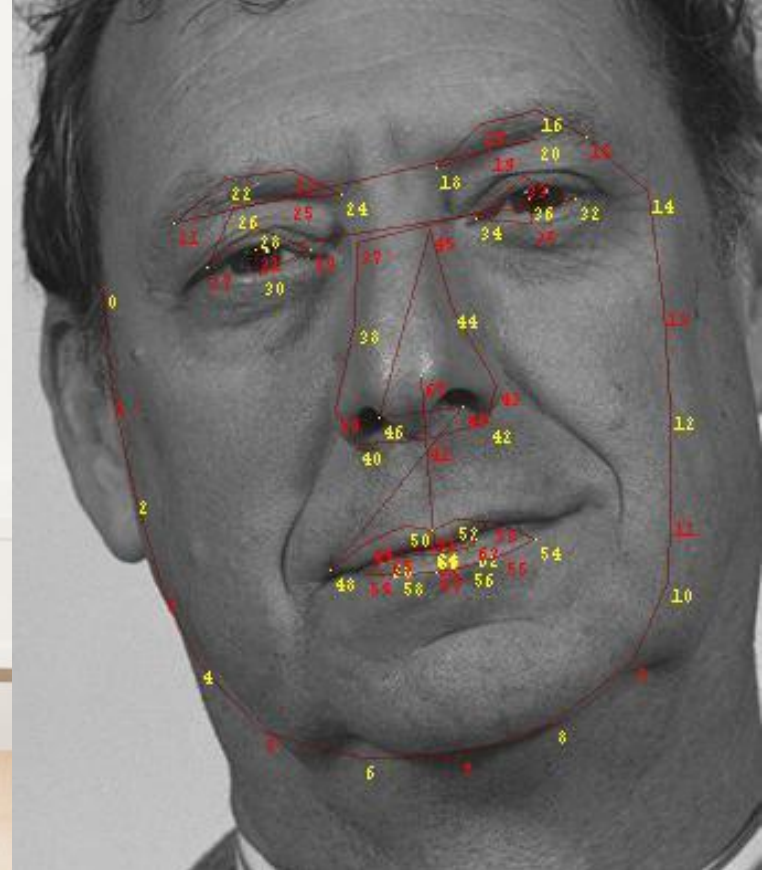


Government Programs





Enrolment Station



Face Recognition

Our Company

Innovation

- 1,400 digital scientists
- 14 R&D centers
- 4,200 patents and patent applications
- 100+ new inventions in 2010

People

- 10,000+ employees
- 100 nationalities
- 43 countries

Capacity

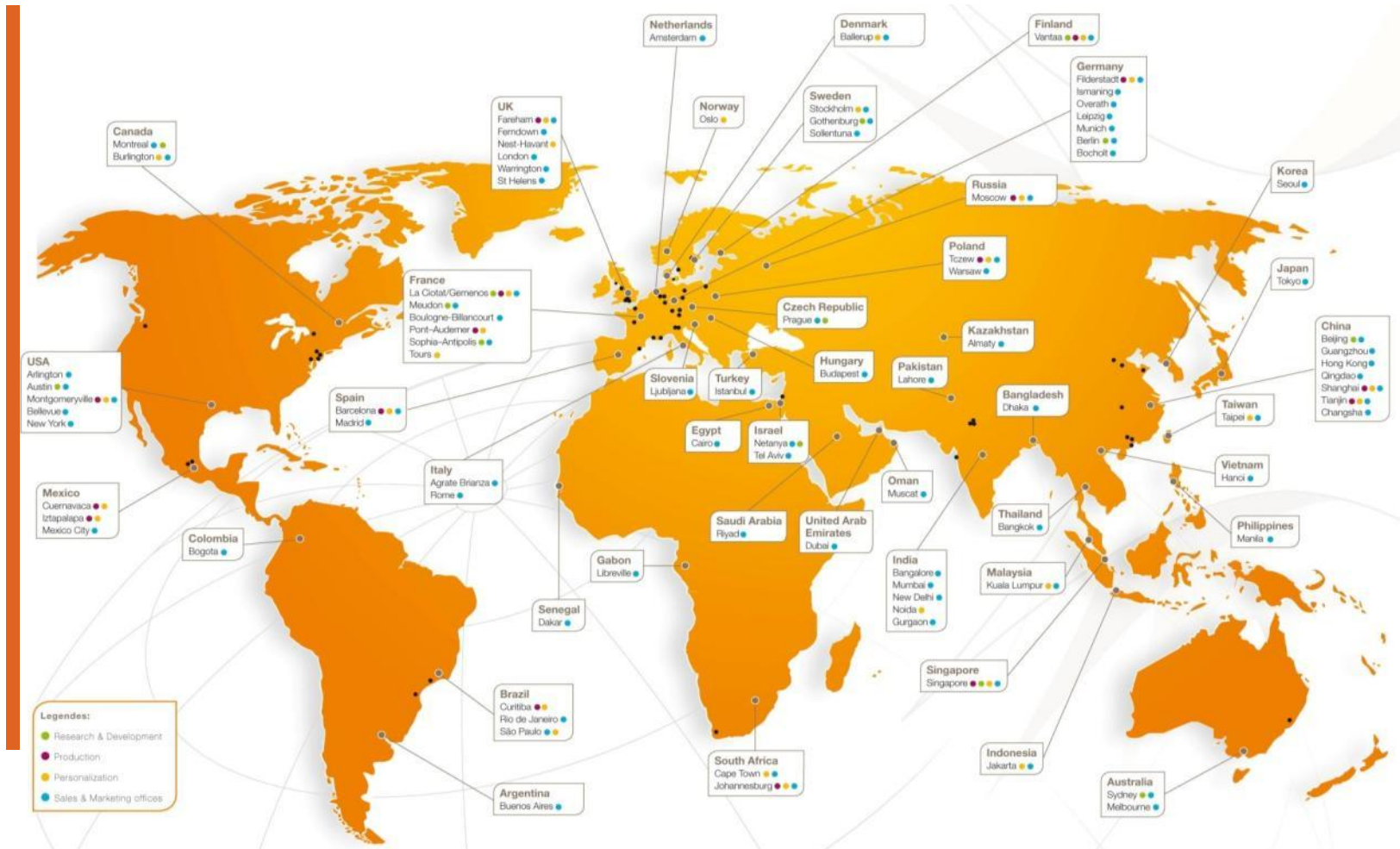
- 15 production sites
- 28 personalization centers
- 74 sales and marketing offices
- 14 R&D centers worldwide

Financials 2011

- €2,015m revenue
- €256m profit from operations
- €309m net cash



43 countries



gemalto[★] Praha

Technical and R&D center
Telecommunications
Security & Government Programs

240+ engineers ... and growing!

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