

# IFX Day 2010

Campeon – June 24, 2010

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Chip Card & Security (CCS)

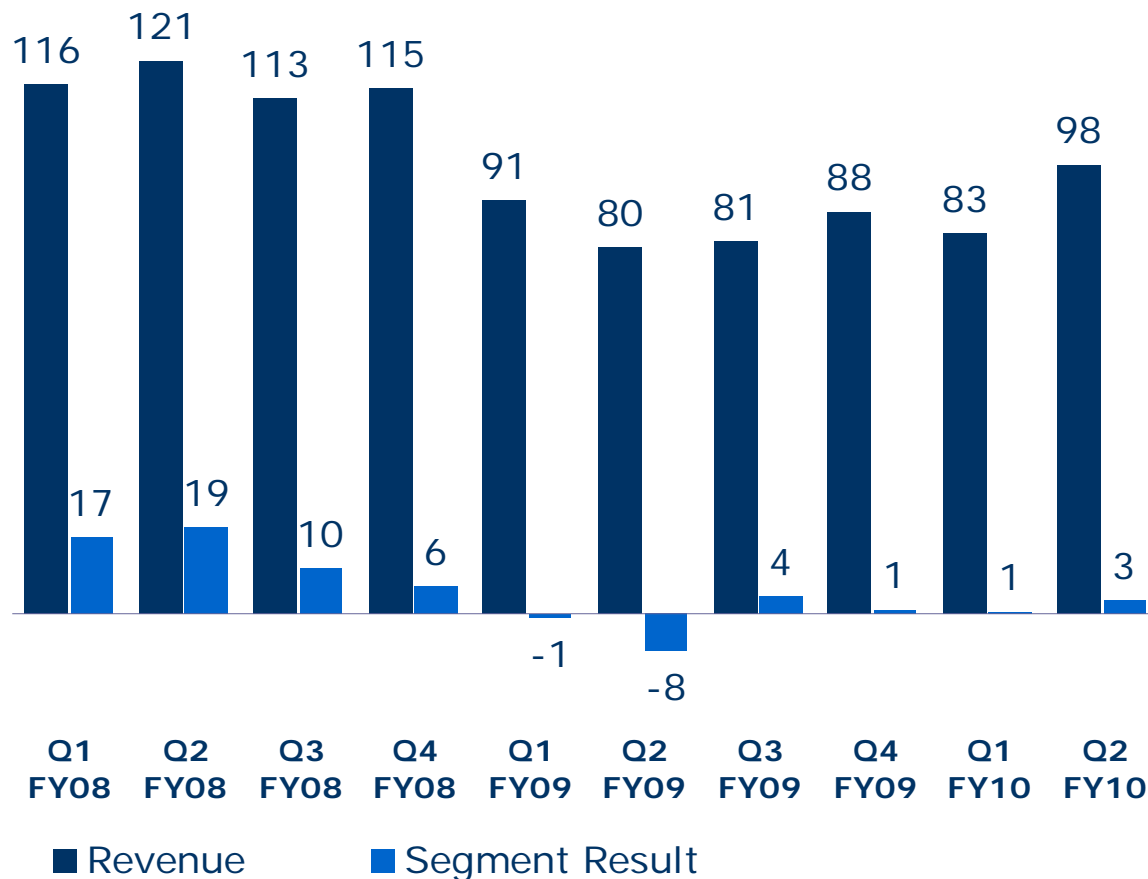


# Top Line and Bottom Line Start to Gain Momentum



## Revenue and segment result from Q1 FY08 to Q2 FY10

[EUR m]



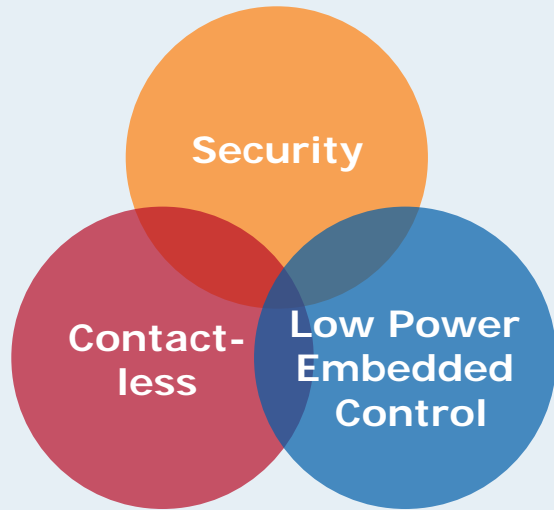
## Highlights

- Sales increase in last quarter driven by contactless and high security business.
- Despite strong revenue decrease, only one quarter with substantial negative result in FY09.
- Continuous investment in 90nm technology shrink and next level of security throughout the crisis.

# CCS Successfully Leverages Its Core Competencies Into All Its Business Segments



## Our core competencies



## Our key customers

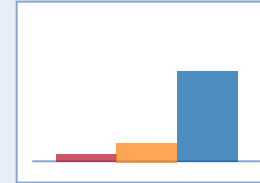
Chip card market is dominated by four major players, holding 68% of the card market units in 2008:



## Our business (examples)

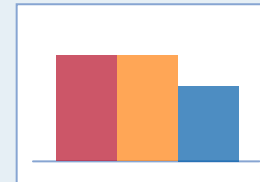
### Communications

- MobCom (SIM, NFC)
- Public Telephony
- Machine-to-Machine (M2M)



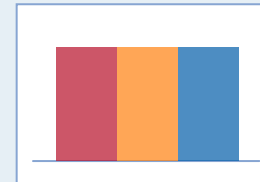
### Payment

- Credit/Debit
- E-Purse
- Mobile Payment



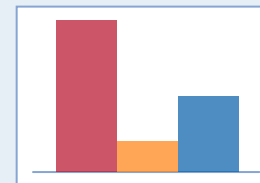
### Government ID

- ePass, National ID
- Drivers License
- Social security / Health Cards



### Personal & Object ID

- Physical/IT Access
- Transport, Ticketing
- Logistics, Brand Protection



### Platform Security

- TPM
- Embedded Security
- ASICs, Pay-TV

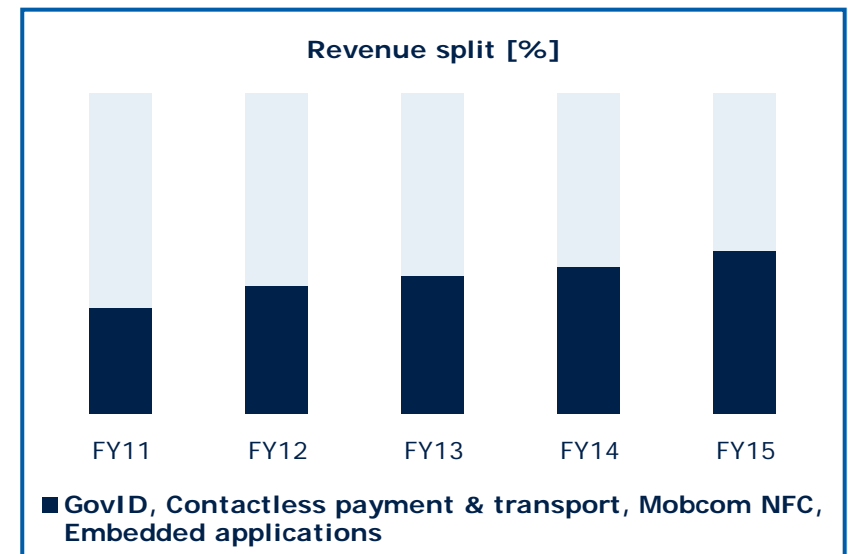


# Optimization of Product Mix and Fast Technology Shrinks Improve Profit Margin



## Product mix optimization

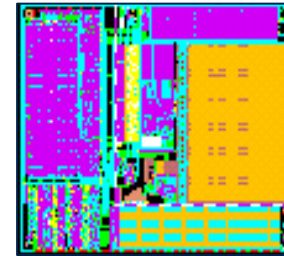
- Government identification
- Contactless payment & transport
- MobCom NFC



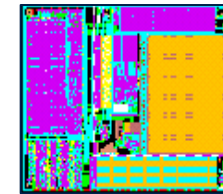
# Optimization of Product Mix and Fast Technology Shrinks Improve Profit Margin

## Fast shrink

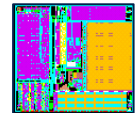
- 90nm in 2010
- 65nm/300mm in 2012



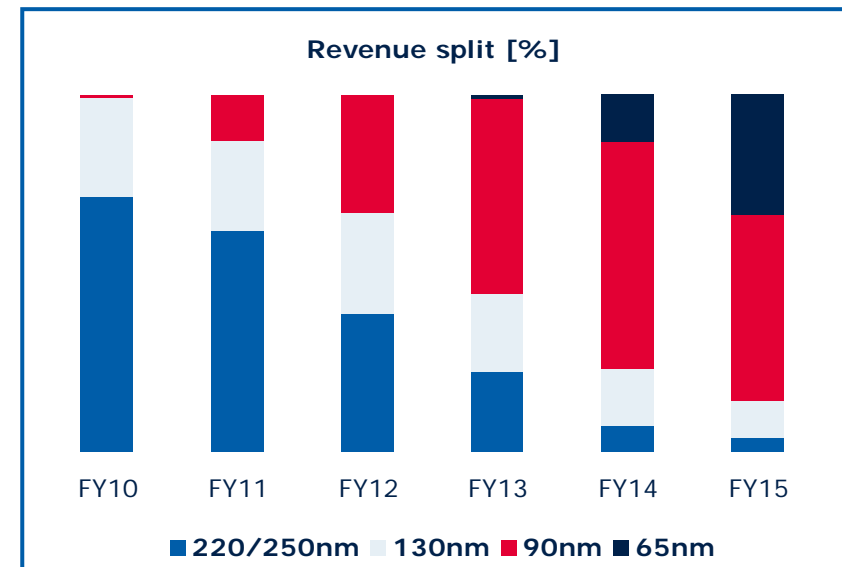
x



x/2



x/4



# New Embedded Applications Open up Opportunities beyond Existing CCS Market



## Security token



## Digital tachograph



## NFC



## Trusted computing



## Machine-to-Machine



## Authentication



## Mobile Internet



## eMobility



## Smart grid

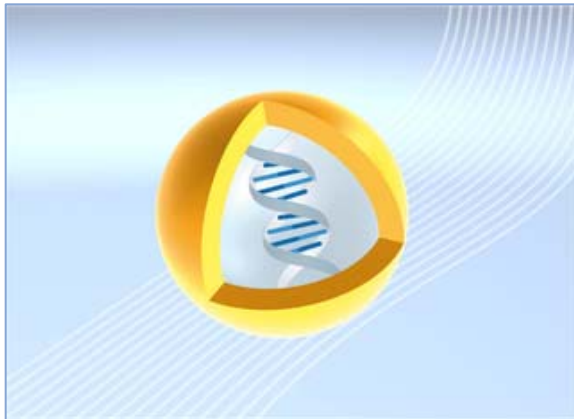


# Security and Convenience Are Key Factors for Personal Freedom and Mobility



- Increase of electronic data drives the amount of valuable information.
- Contactless communication provides comfort and mobility.
- Simple use enables high penetration rates.

## SECURE



## FAST



## SIMPLE





# ENERGY EFFICIENCY COMMUNICATIONS SECURITY

Innovative semiconductor solutions for energy efficiency, communications and security.





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