Elaborate a roadmap for RTD in the smart card related technologies and applications.

Create a common view of the research needs to address key security challenges

Build a collaboration between major industrial and academia stakeholders

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**OBJECTIVES**

- Investigate the technological gaps and challenges and identify corresponding RTD needs.
  - assess driving forces and barriers
  - define technology research needs
  - identify opportunities for cooperation
- Deliver roadmap for RTD on secure devices and platform.
- Promote European smart card research agenda in the short and medium term.
- Reinforce European scientific and technological excellence.

**Priority domains** of investigation:
- Communication and networks protocols
- Systems and Software
- Interface technologies
- Peripherals, subsystems and microsystems
- High-end cryptography, tamper-proof and security technologies
- Micro-electronics

These topics will be tackled through 6 workshops.

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**ORGANISATION**

**EDITOR GROUP**
Industry and academia representatives
EUROSMART ERCIM

**WORKSHOPS**
WS 1  WS 2  WS 3  SG 4  WS 5  WS 6

** USERS GROUP**

**SMART CARD COMMUNITY**

RESET will create a large network of experts from industry and research including technology providers and users from business and public administration, academia, policy makers, standardisation bodies, etc.

**ACHIEVEMENTS**

Roadmap report will reflect the map of presumed future and anticipated changes for smart card technologies and applications and be a reference for actors concerned by research and development.

**Valuable outcomes**
- Apprehend future changes of the business
- Pool the know-how from all players
- Anticipate and better focus research investments
- Estimate the most appropriate RDT cooperation
- Develop shared visions of the future market
- Influence new developments