RESET

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 betwen major industrial and academia stakeholders

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RESET

ROADMAP FOR EUROPEAN RESEARCH ON SMART CARD TECHNOLOGIES

Investigate future research needs for smart card related technology

Roadmap for European research on Smartcard Technologies.

RESET

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European Research Consortium
for Informatics and Mathematics
ERCIM

EUROSMART
The voice of the Smart Card Industry

RESET is a Thematic Network launched by ERCIM and EUROSMART and suported by the European Commission.

It is designed to build a roadmap investigating future research challenges and opportunities in the field of smart cards. It gathers the smart card industry together with the research community and the users representatives, and will facilitate RTD collaborations.
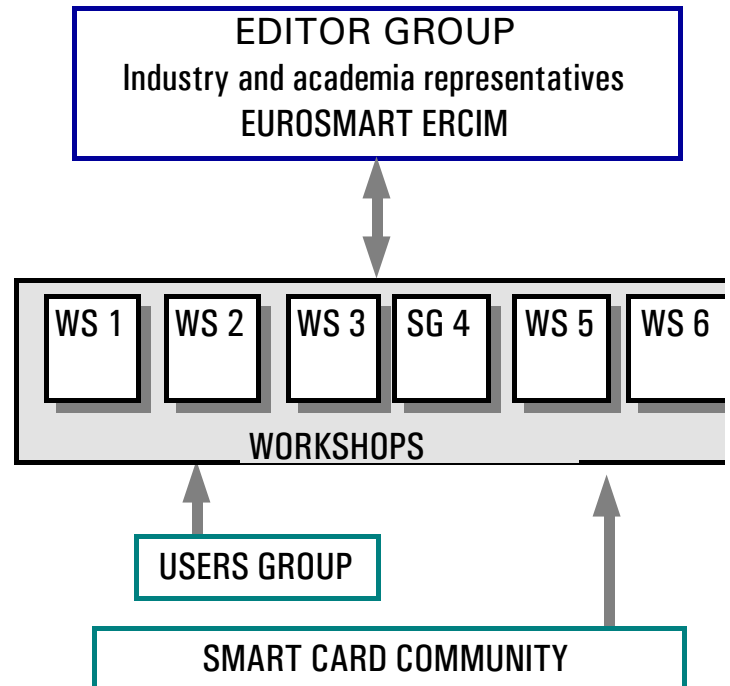
OBJECTIVES

- 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 se-curity technologies
- Micro-electronics

These topics will be tackled through 6 workshops.

ORGANISATION

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, standartisation bodies, etc.

ACHIEVEMENTS

Roadmap report will reflect the map of presumed future and **anticipated changes** for smart cards 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 invesments
- ◆ Estimate the most appropriate RDT cooperation
- ◆ Develop shared visions of the future market
- ◆ Influence new developments

| SEPT | OCT | NOV | DEC | JAN | FEBR | MARCH | APRIL | MAY | 2003 |

18 Sept Kick off meeting

Workshops on the 6 topics

Draft roadmap   **Public Seminar**   **Final roadmap**