



# eEurope – Trailblazer 6 Contactless Cards Cooperation Possibilities

Paris October 2001

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**Convener – Trailblazer 6**

*[Trailblazer - n. a leader or pioneer in a particular field]*



## eEurope Action Lines

1. European youth into the digital age
2. Cheaper Internet access
3. Accelerating e-commerce
4. Fast Internet for researchers and students
5. ***Smart Cards for secure electronic access***
6. Risk capital for high-tech SMEs
7. eParticipation for the disabled
8. Healthcare online
9. Intelligent transport
10. Government online





## eEurope Smart Card Charter Vision

- Empower the individual to access resources in the physical world and over networks, anytime, anywhere with adequate privacy and security
- Raise the prospect of smart card technology to a mainstream computing platform for trusted services by
  - Harmonizing smart card based infrastructures across sectors by building a consensus for minimum compatibility.
  - Stimulating inter-sector cooperation to encourage interoperability





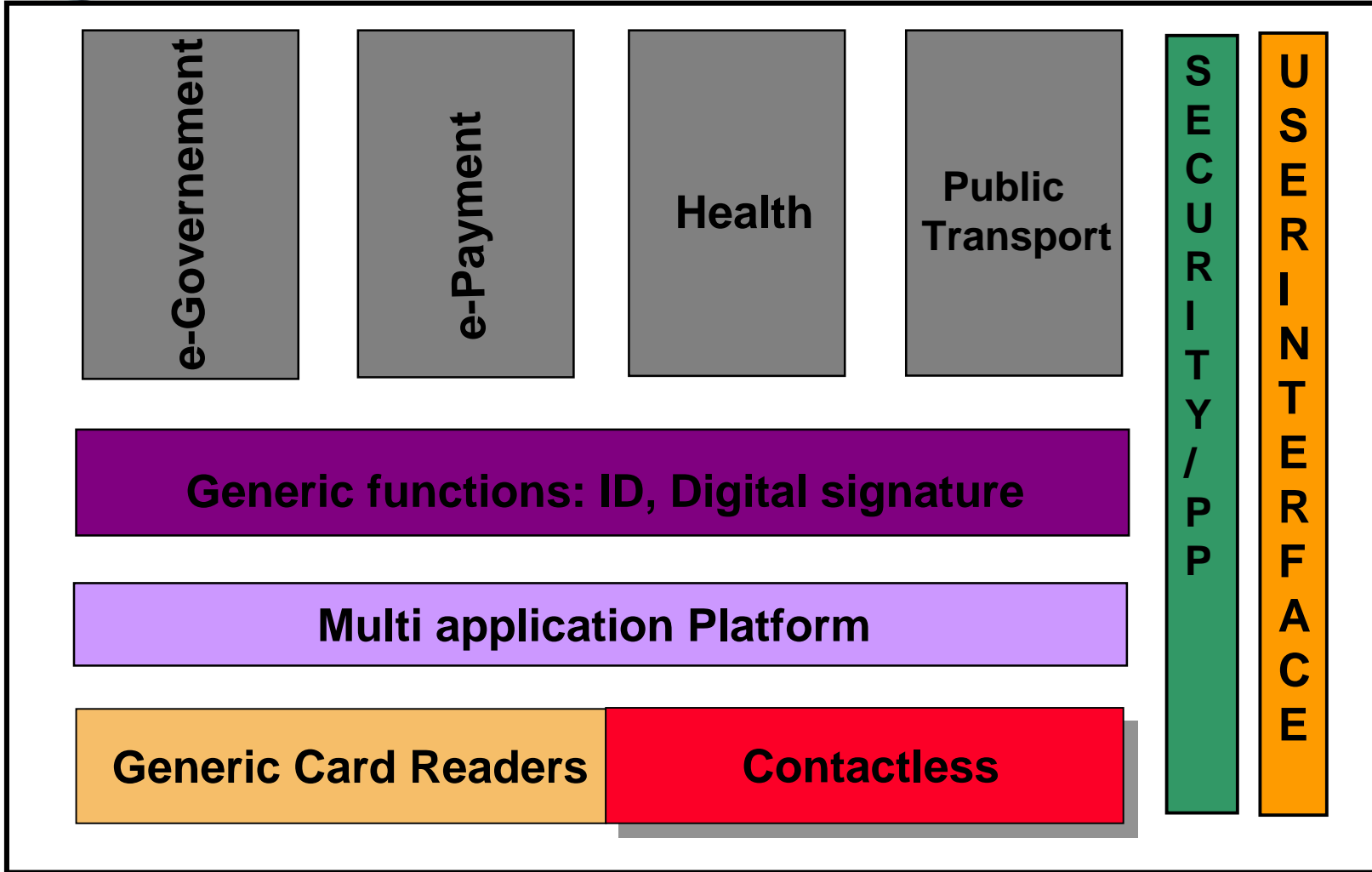
## eEurope Smart Card Charter Key principles

- **Open to ALL interested parties**
  - **Japanese Participation is actively Sought**
  - **User-centric (consumer and professional)**
  - **Industry-led / respecting competitive forces**
  - **Public sector involved mainly as a lead user for certain applications (e.g. transport, e-government)**
- **Focus on secure access to Internet-based services**
- **Relies on European strengths (banking, health cards,...)**





# Contactless Within the eEurope Smart Card Charter Framework





## Trailblazer 6 – Contactless - Objectives

### ■ Objectives

- To promote the proliferation of contactless technology
- To harmonize the contactless infrastructure and ensure the interoperability of systems
- To stimulate the use of contactless technology through education





## Trailblazer 6 – Contactless – Possible Cooperation Items

### ■ Interoperability

Report on the standardised layers and interfaces relevant to contactless technology

- Virginie will be presenting

Leader : Oberthur (Virginie Massot)

Q2 2002

### ■ Security

Threat evaluation for contactless technology

- Very little published work in Europe, Japanese and Asian experiences of great interest

Leader : Gemplus (Denis Carabin)

Q3 2002





## Trailblazer 6 – Contactless – Possible Cooperation Items

### ■ Certification

- **Conformity procedures, laboratory practices**
  - Limited resources, ISO work WG8 work of great interest
- **Leader : Arsenal Research (Ernst Luckner)**
- **Q1 2003**

### ■ Roadmap

- **Current status, future requirements, platform definitions and harmonisation**
  - NMDA vision is essential for a complete vision
- **Leader : STMicroelectronics (Andrew Roberts)**
- **Q1 2003**







## Trailblazer 6 – Contactless – Possible Cooperation Items

### ■ Pilot Guidelines & Deployment

- Report on current experiences and practices, Pilot scheme specification, implementation and result evaluation guidelines
- Equipment and tender specs, operational issues & supplier catalogue
- Q2 2003
- Leader : RATP (Philippe Vappereau)





# Trailblazer 6 – Contactless – IST Funding

Deliverables	Participants	Person/Days Funded
<b>D 1.1</b>  <b>Interoperability</b>	<b>Oberthur - Leader</b> Telecom Italia Lab, NEC Philips, Sony, Gemplus Arsenal Research, Atmel STMicroelectronics, Inside	20 days
<b>D1.2</b>  <b>Security</b>	<b>Gemplus - Leader</b> Sony, Telecom Italia Lab, NEC, Philips, STMicroelectronics, Atmel, Bull, Inside	80 days
<b>D.1.3</b> <b>Roadmap</b>	<b>STMicroelectronics - Leader</b> Oberthur, Philips, Bull PPC Card Systems, RATP Telecom Italia Lab, Inside	66 days
<b>D 1.4</b>  <b>Certification</b>	<b>Arsenal Research - Leader</b> NEC, Philips, Bull Arsenal Research, Inside, STMicroelectronics Inside Technologies, Atmel	56 days
<b>D 1.5</b> <b>Pilot guidelines And Deployment</b>	<b>RATP - Leader</b> Bull CLUB members, Sony	46 days





## Trailblazer 6 – Contactless – Cooperation Items

### ■ Communications

- 4 x Reports on networking information collection (qualitative) & contacts established (quantitative)
- Harmonization & development of common communication tools
- Web development
- Promotion of WP1 results and production

### ■ Project Management

- RATP – Sophie Gillet (Vice Chairman TB6)





## Trailblazer 6 – Contactless – IST Funding

<b>Deliverables</b>	<b>Participants</b>	<b>Person/Days</b>
<b>D2 Networking</b>	CLUB EUROSMART	22 days
<b>D3 Communication Tools</b>	CLUB EUROSMART	24 days
<b>D4 Consortium References</b>	CLUB EUROSMART	2 days
<b>D5 Web Development</b>	CLUB EUROSMART	30 days
<b>D6 Promotion</b>	CLUB EUROSMART	14 days





## Coordination with NMDA

- **TB6 needs, for a complete vision, to have special interfaces to NMDA**
  - The IST funding should be a Catalyst for the start of the real work (not the case last year)
  - IST funding is, however, limited and large scale operations will not be possible
- **First Stage is to define Interfaces between our groups**

