Privacy + Identity = Opportunity and Challenges

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o FCT-09-2015 Law Enforcement capabilities topic 5: Identity Management
  o Set up an e-ID ecosystem
    o Security
    o Efficiency
    o User friendliness
    o Trust
  o Privacy & Ethics
  o Data protection

Project Facts
reliAble euRopean Identity EcoSystem

- Security Features and QC
- Enhanced process
- Harmonization
- Link virtual and physical
- Biometric + administrative
- Legal, ethical and societal steps
- Identity patterns in identity fraud
- Build upon results
Consortium
ARIES Consortium

Online Service Provider 1

SME 1

Research 1

Large Industry 3

Law Enforcement 3

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1. Reliable **identity ecosystem**

- Privacy & Ethics
- Usability
- Security

- Fraud cases
- Impact of fraud

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2. Strengthen link between physical and virtual worlds – privacy & security in balance
3. Validate ARIES' results

Identity Virtualization

eCommerce
Key aspects (1/2)

- **Secure vault**: to store confidential and sensitive personal data
- **Partial Identities**
Key aspects (2/2)

- Separation of duties:
- Support for law enforcement

- Identity Virtualization
- Biometric Authentication
- Partial Identities
Use Cases
Identity Virtualization

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Secure and privacy preserving eCommerce
ARIES Vision
The Ecosystem: trustable, reliable, ethical - privacy and security
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