

# FIDIS



## ★ Future of Identity in the ★ Information Society

---

★  
★  
★  
★  
★  
An FP6 Network of Excellence

Goethe University Frankfurt

Kai Rannenberg, Denis Royer  
Goethe University Frankfurt  
[www.fidis.net](http://www.fidis.net)



# Agenda



- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



# The initial challenge: “Identity” is changing



- IT puts more HighTech on ID cards
  - Biometrics to bind them closer to a human being
  - Chips to add services (such as a PKI)
- Profiles may make the „traditional“ ID concept obsolete
  - People are represented not by numbers or ID keys any more but by data sets.
  - Identities become “a fuzzy thing”.
- New IDs and ID management systems are coming up
  - Mobile communication (GSM) has introduced a globally interoperable „ID token“: the Subscriber Identity Module
  - Ebay lets people trade using Pseudonyms.
- Europe (the EU) consider joint ID and ID management systems
  - European countries have different traditions on identity card use
  - Compatibility of ID systems is not trivial



# Why an EU FP 6 Network of Excellence?



- Consequences of “new” IDs are unclear
    - Privacy
    - Security
    - Forensics
    - ...
  
  - “Change” Trends come from different fields and disciplines
    - Different disciplines see “Identity” in a different way
  
  - Joint work will promote the European Information Society
    - Joint learning from “ID know-how” of different disciplines
- ⇒ NoE FIDIS: An international interdisciplinary **Network of Excellence on the Future of IDentity in the Information Society** (2004-04-01 – 2009-03-31)

# Agenda



- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



# FIDIS Participants



- Goethe University Frankfurt, D
- AXSionics AG, CH
- BUTE-UNESCO Information Society Research Institute, H
- Europäisches Microsoft Innovations Center GmbH, D
- European Institute of Business Administration, F
- Institut de recherche criminelle de la gendarmerie nationale, F
- Institute for Prospective Technological Studies, E
- International Business Machines Corporation, CH
- Karlstad University, S
- Katholieke Universiteit Leuven, B
- London School of Economics & Political Science, GB
- Masarykova universita v Brne, CZ
- National TU of Athens, GR
- Netherlands Forensic Institute, NL
- SIRRIX Security Technologies, D
- TU Berlin, D
- TU Dresden, D
- Tilburg University, NL
- Unabhängiges Landeszentrum für Datenschutz, D
- University of Freiburg, D
- University of Reading, GB
- VaF, Bratislava, SK
- Virtual Identity and Privacy Research Center, CH
- Vrije Universiteit Brussels, B

# Agenda



- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



# Vision



- 
- Europe will develop a deeper understanding of how appropriate identification and ID management can progress the way to a fairer European information society.
  
  - Exploration
    - of the relationship between identification and identity in a high tech environment and
    - implications for the workings of democracy and rule of law in the European 'Area of Freedom, Security and Justice' (Art. 29 Treaty of the European Union)

# What can FIDIS offer (to Europe)?

What do we want to achieve within (the next) 5 years?



- Being a respected expert player (pool of experts) in the identity discussions
- A collection of Information
  - ID Management systems
  - ID regulation (legislation and case law)
  - How they are used
  - ...
- Expert publications (Deliverables)
- Influencing the scene
  - Research Institutions
  - Scientific Communities
  - Standardisation Bodies
  - Advanced decision makers

# Agenda



- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



# Joint Research Topics/Activities



- „Identity of Identity“
  - State of things, taxonomy
- Profiling
- Interoperability of IDs and ID management systems
- Forensic Implications
- De-Identification
- The HighTechID
- Mobility and Identity

# JA co-ordinators and WP-leaders (1/3)\*



## Joint Activity (m19-60)

### Integrating activities

Internal Internet Portal and Mailing Lists  
**(JWG)**

Database on Identity Management Systems  
**(KUB)**

Periodic Workshops **(JRC)**

Training Activities **(READING)**

## Related Workpackage (m1-18)

Building up an internal communication infrastructure **(JWG)**

Integration of the NoE **(JRC)**



(\* ) Taken from FIDIS  
Description of Work



# JA co-ordinators and WP-leaders (2/3)\*



## Joint Activity (m19-60)

Joint research programme
Identity of Identity ( <b>INSEAD</b> )
Interoperability of Identities and Identity Management Systems ( <b>LSE</b> )
Profiling ( <b>VUB</b> )
Forensic Implications of Identity Systems ( <b>NFI</b> )
De-Identification ( <b>KUB</b> )
HighTechID ( <b>ICPP</b> )
Mobility and Identity ( <b>JWG</b> )

## Related Workpackage (m1-18)

Taxonomy of identity, anonymity and pseudonymity ( <b>INSEAD</b> )
Interoperability of identity and identification concepts ( <b>LSE</b> )
Profiling: Implications for security and privacy ( <b>VUB</b> )
Forensic Implications ( <b>NFI</b> )
ID-theft, privacy and security ( <b>KUB</b> )
Technologies to support identity and identification ( <b>ICPP</b> )

(\* ) Taken from FIDIS  
Description of Work



# JA co-ordinators and WP-leaders (3/3)\*



## Joint Activity (m19-60)

### Spreading of excellence activities

External Internet Portal and Mailing Lists **(JWG)**

Founding a Journal on IS Security, Privacy and Identity **(LSE)**

Regular Tutorials **(READING)**

Publishing excellence **(JWG)**

## Related Workpackage (m1-18)

Spreading findings and results **(LSE)**

*JA will not start within first 18 months*

*JA will not start within first 18 months*

### Management activities

Conducting management instruments **(JWG)**

Network management **(JWG)**

(\*) Taken from FIDIS  
Description of Work



# Current Work Packages (first 18 months)

---



- Taxonomy of identity, anonymity and pseudonymity (WP2)
- Technologies to support identity and identification (WP3)
- Interoperability of identity and identification concepts (WP4)
- ID-theft, privacy and security (WP5)
- Forensic implications (WP6)
- Profiling (WP7)
- Building up an internal communication infrastructure (WP1)
- Integration of the NoE (WP8)
- Spreading findings and results (WP9)
- Network management (WP10)

# Agenda



- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



# Summary and Outlook



- Europe (& the world) are in the middle of a silent “identity revolution”.
- Identity has many facets
- FIDIS convenes leading institutions in this area
- More on [www.fidis.net](http://www.fidis.net)