

FIDIS



★ Future of Identity in the Information Society

An FP6 Network of Excellence

Goethe University Frankfurt

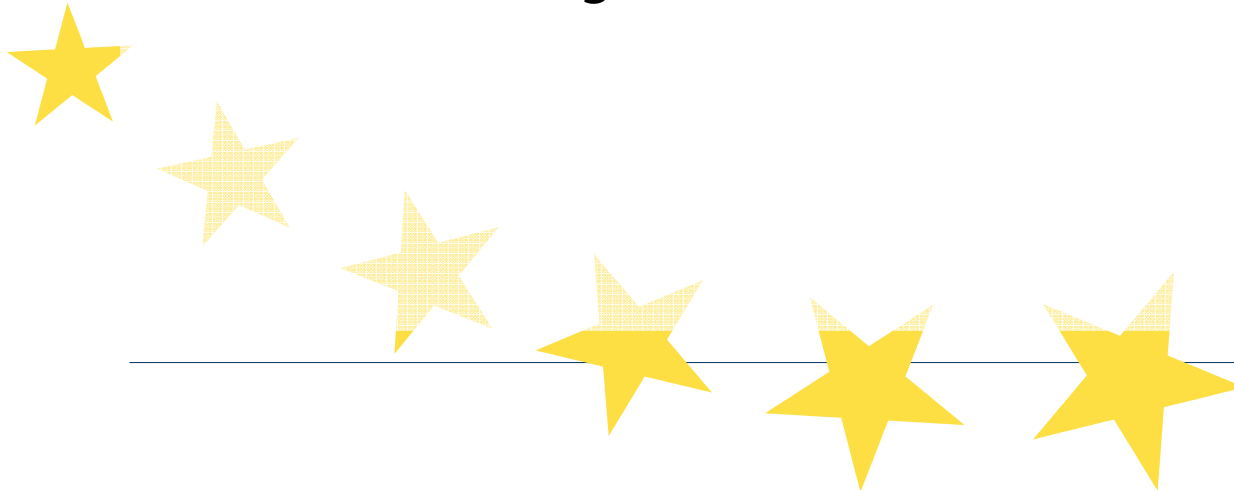
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www.whatismobile.de
www.fidis.net



Agenda



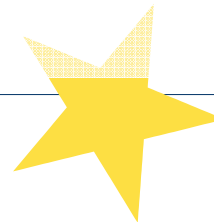
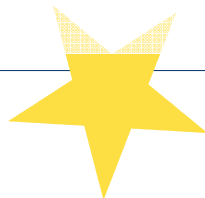
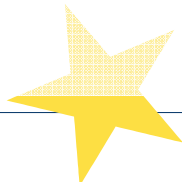
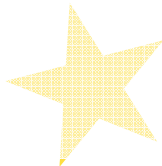
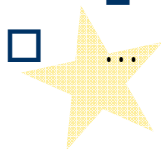
- Why FIDIS?
- Who is FIDIS?
- FIDIS Aims & Scopes
- FIDIS Working Structure
- Summary and Outlook



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

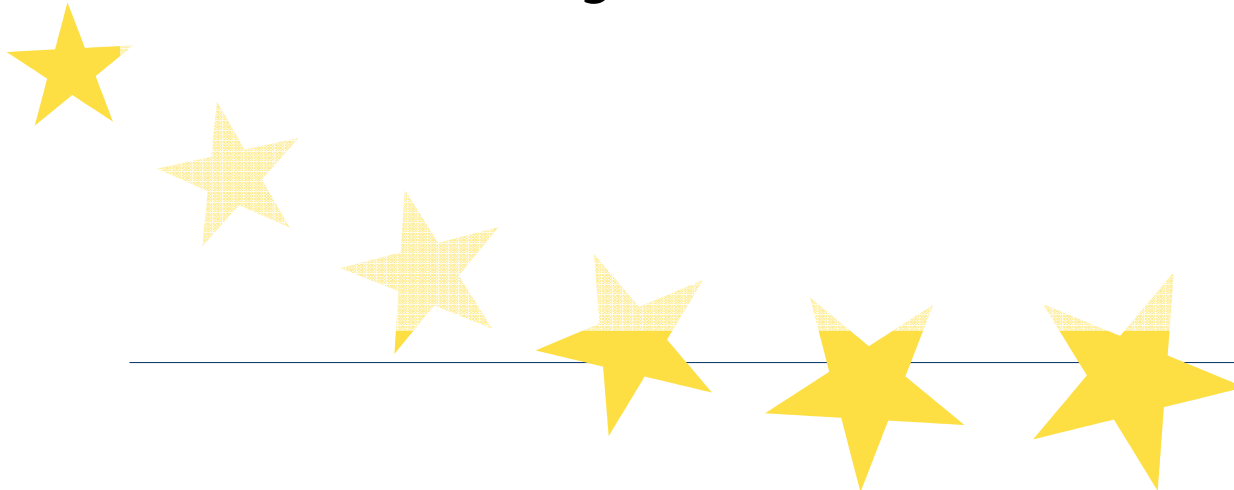
- Joint work will promote the European Information Society
 - Joint learning from “ID know-how” of different disciplines

⇒ NoE FIDIS: An international interdisciplinary **Network of Excellence on the Future of IDentity in the Information Society** (2004-04-01 – 2009-03-31)

Agenda



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FIDIS Participants



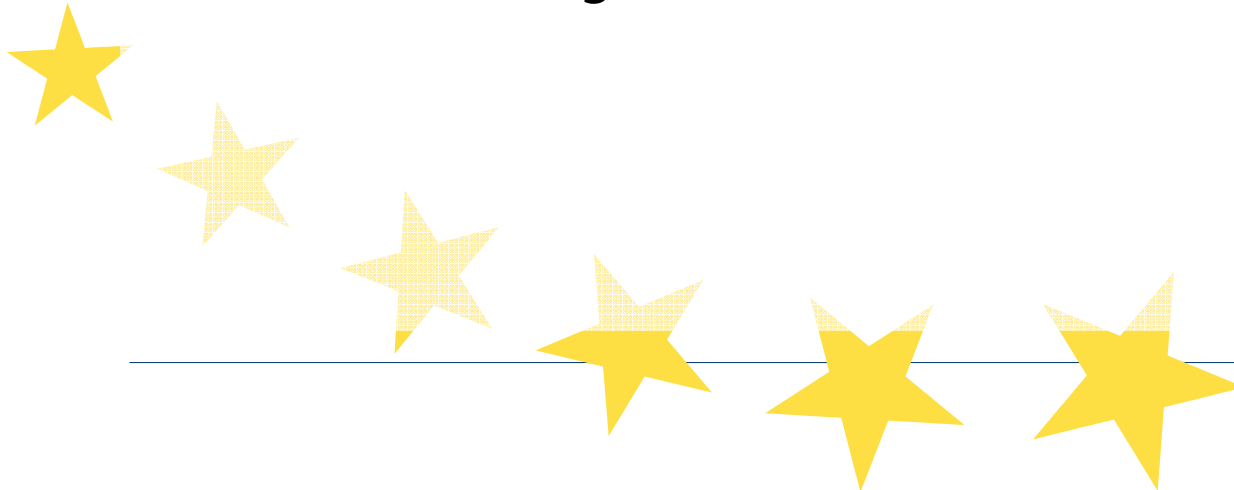
- Goethe University Frankfurt, D
- AXSionics AG, CH
- BUTE-UNESCO Information Society Research Institute, H
- Europäisches Microsoft Innovations Center GmbH, D
- European Institute of Business Administration, F
- Institut de recherche criminelle de la gendarmerie nationale, F
- Institute for Prospective 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



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Vision

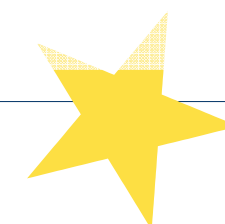
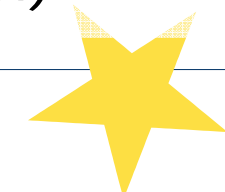


Europe will develop a deeper understanding of how appropriate identification and ID management can progress the way to a fairer European information society.

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)

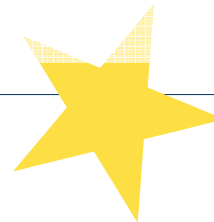
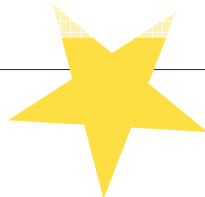
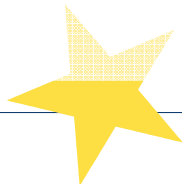


What can FIDIS offer (to Europe)?

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



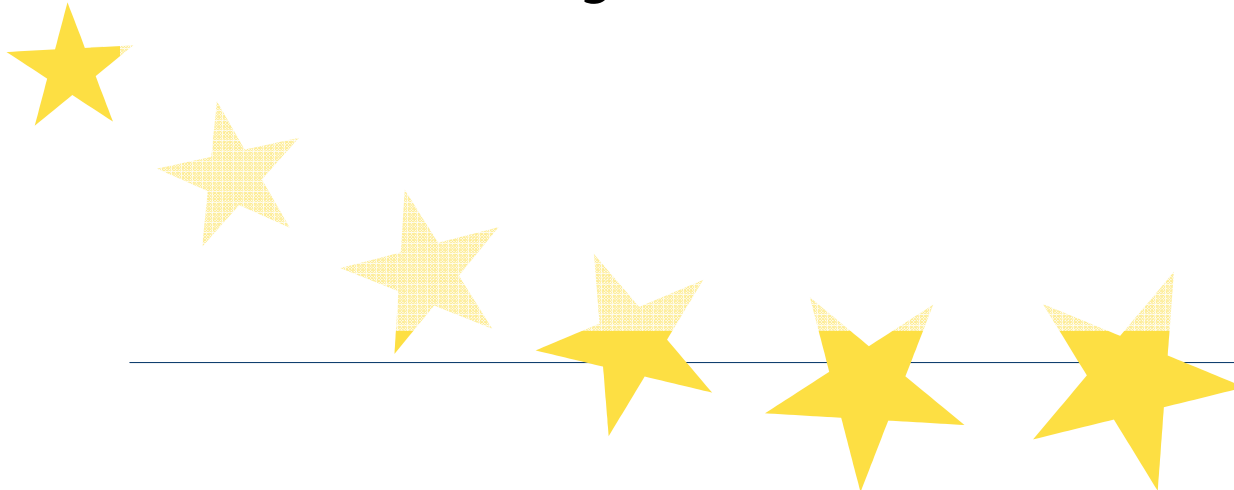
- Being a respected expert player (pool of experts) in the identity discussions
- A collection of Information
 - ID Management systems
 - ID regulation (legislation and case law)
 - How they are used
 - ...
- Expert publications (Deliverables)
- Influencing the scene
 - Research Institutions
 - Scientific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



Agenda



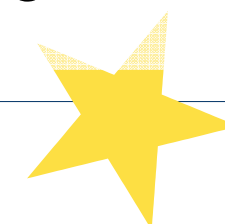
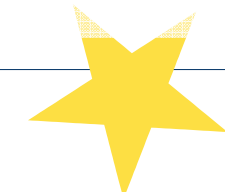
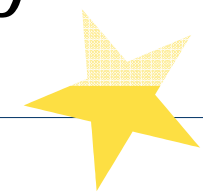
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Joint Research Topics/Activities



- „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)

Related Workpackage (m1-18)

Joint research programme

Identity of Identity (**INSEAD**)

Interoperability of Identities and Identity Management Systems (**LSE**)

Profiling (**VUB**)

Forensic Implications of Identity Systems (**NFI**)

De-Identification (**KUB**)

HighTechID (**ICPP**)

Mobility and Identity (**JWG**)

Taxonomy of identity, anonymity and pseudonymity (**INSEAD**)

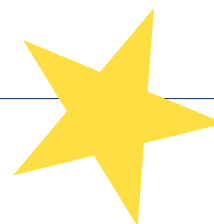
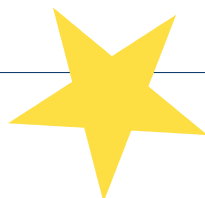
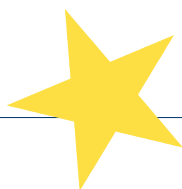
Interoperability of identity and identification concepts (**LSE**)

Profiling: Implications for security and privacy (**VUB**)

Forensic Implications (**NFI**)

ID-theft, privacy and security (**KUB**)

Technologies to support identity and identification (**ICPP**)



(* 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)**

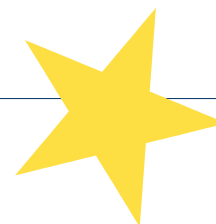
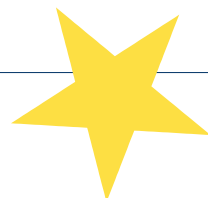
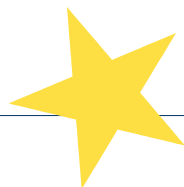
JA will not start within first 18 months

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Management activities

Conducting management instruments **(JWG)**

Network management **(JWG)**



(*) Taken from FIDIS
Description of Work



Current Work Packages (first 18 months)



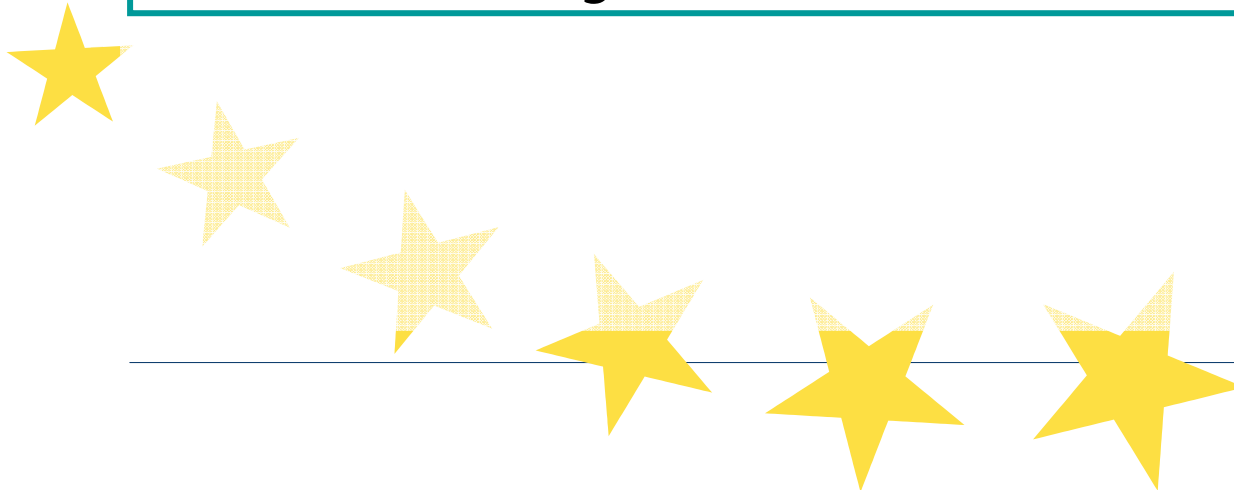
- Taxonomy of identity, anonymity and pseudonymity (WP2)
- Technologies to support identity and identification (WP3)
- Interoperability of identity and identification concepts (WP4)
- ID-theft, privacy and security (WP5)
- Forensic implications (WP6)
- Profiling (WP7)

- Building up an internal communication infrastructure (WP1)
- Integration of the NoE (WP8)
- Spreading findings and results (WP9)
- Network management (WP10)

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Summary and Outlook



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- 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