

SIRNET 2002-12-05 Personlig integritet - teknik, förordningar och utmaningar

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Programpunkter

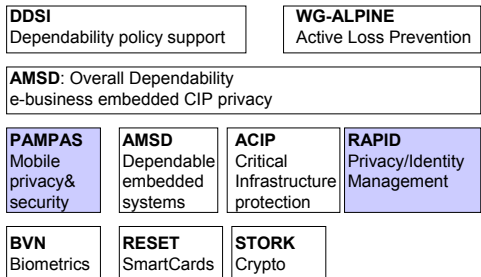
- *Personlig integritet - en inledning* (Kia Höök, SICS)
- Några aktuella problemställningar och utmaningar (Olle Olsson, SICS)
- Personuppgiftslagen i dagens belysning (Helena Andersson, Stockholms Universitet)
- **BENSTRÄCKARE**
- Kryptografiska tekniker för skydd av integritet (Gunnar Sjödin, SICS)
- Personlig integritet och elektroniska tjänster (Markus Bylund, SICS)

Aktuella problem

- Vad händer?
- Hur ser området ut?
- Trender?
- Vad kommer?

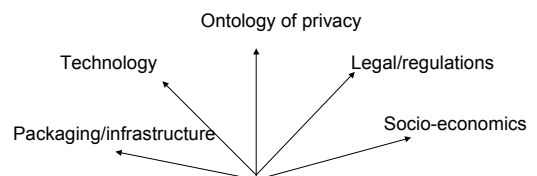
Några kommentarer

EU FP5: "Roadmap projects"



- **RAPID (IST-2001-38310)** "Roadmap for Advanced Research in Privacy and Identity Management"
 - PricewaterhouseCoopers(Coordinator), SGOA,W3C, Katholieke Universiteit Leuven, CNRS-LAAS, Università di Milano, TNO-FEL, Tilburg University, Joint Research Centre, IBM Research Lab - Zurich, Ericsson, Siemens
- **PAMPAS (IST-2001-37763)** "Pioneering Advanced Mobile Privacy and Security"
 - Ericsson, Vodafone, Siemens, Katholieke Universiteit Leuven, Telematica Instituut, University of London

Perspectives



Legal drivers

- Legal concepts of on-line “identity”
- Balance between individual privacy and overall security
 - e.g. law enforcement vs privacy
- Digital rights management and privacy protection
 - e.g. electronic copyright management systems (CMS): direct licensing to individual end-user

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Legal drivers/2

- Legal issues on the use of multiple identities
 - e.g., how to deal with identity theft
- Potentials for on-line dispute resolution
 - legal status vs. effectiveness

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Socio-economic drivers

- Privacy as commodity
 - e.g. give up privacy for some benefit
- Pricing privacy
 - e.g. pay to get more privacy
- Officially provided electronic identity cards

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“Mobile”

What makes “mobile” different?

- mobility
- device limitations
- user interface issues
- paradigm changes

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Mobility

- international roaming, possibly conflicting legislation:
 - data protection, copyright, ...
- user positioning
- ambient interaction

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Device limitations

- computing capability, storage, bandwidth
- battery power
- roundtrip time
- need load balance between mobile and fixed entities

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User interface limitations

- need to rely on pre-configured profiles/preferences
- ...

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Paradigm changes

- 2G ==> 3G
 - interworking between different technologies, new business models, ...
- mobile systems open up - must be protected
 - DoS attacks
- mobile devices open up - must be protected
 - viruses

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PIM drivers

[PIM = Privacy and Identity Management]

- End-user drivers
 - Regulatory compliance (government/market driven)
 - Reduce risks associated with inaccurate or out of date information (market driven)
 - Improve consumer and employee trust and confidence in the use and security of personal data (market/consumer driven)
 - Reduction of cost by elimination of unnecessary data (market driven)

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PIM – drivers

- Organisation drivers
 - Reduction of cost (market driven)
 - Integrated compliance (government/market driven)
 - Improved security (market/consumer driven)
 - Increase of revenue by increased usability (consumer driven)
 - Increase in trust
 - New services possible
- Mix of end-user and organisation drivers

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