

Duality between digital privacy and collective security: digital dignity and sovereignty



Major trends in 3 areas

- IT
 - Getting ever closer to people
- Security
 - “Falling into the hands” of people
- Privacy
 - Supporting people towards sovereignty



Trends in Security & Privacy

3 (overlapping) Phases



- 1. IT & IT Security** only available to **large** (government) **organisations**
 - Technology
 - Know-How
 - 2. Users get IT and IT Security** into their **own hands**:
 - PCs and PC security tools
 - 3. Users are fed up** with dealing with security
 - Delegation of protection or parts of it
 - Intermediaries
 - Liability
- 1. Organisations collect and store** user data
 - (Hopefully) protect it
 - Some oversight by e.g. privacy commissioners
 - 2. Users take protection** into their **own hands** and **keep** data/information to **themselves**:
 - E.g. PGP
 - 3. Users trade their data and negotiate** about the respective **terms** with **partners**
 - Infrastructure provider
 - Service provider
 - 3rd parties (Intermediaries)



Multilateral Security



Respecting
Interests

Supporting
Sovereignty

Protection
of different
parties and their
interests



Considering Conflicts



What is needed



- Technology enabling users, that users can actually use
 - User controlled Identity Management
 - Usability and Transparency
- „Playgrounds“ in which users can try out their sovereignty
 - Helping to find a balance between self protection and delegation
 - Not all users are the same, not all want the same
- Trusted Partners to which users can delegate
 - Service providers
 - Intermediaries
- Standardisation of functionalities, business practices and interfaces
 - ISO/IEC JTC 1/SC 27/WG 5 “Identity Management and Privacy Technologies”



Business Models and Identity



23/11, 9.00-10.30, Room 204

- Denis Royer: **Introduction**
- Kai Rannenberg: **Privacy and Identity Management as Business Enablers**
- Marit Hansen, Pete Bramhall, Jan Camenisch: **Privacy-Related Services in Identity Management**
- Sven Wohlgemuth: **Privacy in Business Processes by Identity Management**
- Dirk Kuhlmann: **The Role of Trusted Computing for Identity Management**
- Ammar Alkassar: **Trustworthy Computing for Privacy-Aware Business Services**
- Open discussion in Plenary

