Privacy-by-Design

method for development of eHealth systems

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Why start a std. project

- FP7 collaborative project eWALL
- Exploitation tasks dedicated to standardisation
- Coordinator Prof. Ramjee Prasad (Uni Aalborg)
- Partner Matthias Pocs (Stelar)
- Comparability of privacy assessments
... why else.

- DAE Action 77
  - 2014: legal framework for services under the CEF
  - 2016: legal framework for testing and certification
- UWP (COM(2013) 561 p. 15): “data protection issues must be addressed in eHealth”
- Article 8 of EU Charter of Fundamental Rights
- Article 23 of draft Data Protection Regulation
- Unique selling proposition
What it will focus on

• Specification standard (organisation std.?)
• Translate Privacy by Design into eHealth terms
• Assumption of compliance with regulation
• Article 23, paragraph 1: “time of the determination of the means”
• PbD ≠ data security (Article 30)
... what in particular

• PbD is complex; it needs structure
• Ethical reqs: fair decision-making, autonomy, rights of the elderly, ...
• Data protection principles (legislation & public authorities): anonymity, purpose limitation, responsibility, ...
• Comprehensive bundle of measures
• Main work for std. project
... what else.

- Flexibility for industry & users (full functionality)
- Crosscutting criteria: security, usability, ...
- Demonstration, reporting, label & auditing
- Accountability (Article 5, paragraph f with Article 22)
- Public procurement prefer privacy certified products
- Guidelines for practical implementation
Is the idea new?

• Existing standards & initiatives
  – OBA (WP29 Opinion 16/2011 WP188)
  – RFID (Recommendation C(2009) 3200 & M/436)
  – Smart metering systems (2012/148/EU)
  – EC eTEN project EuroPriSe
  – Security technologies (Action 8 of COM(2012) 417 & draft mandate of 05.03.2014)

• Research (A. Podlech, W. Steinmüller, etc.)
How will it deliver?

• TS vs. EN, acceptance by societal stakeholders
• Guidelines for implementation, procurement
• Iterative process for std. development
• What working group?
• ANEC member; medical partners? eHN? MSP? IPR? H2020 call August? Project Liaison?
• eWALL Workshop at Global Wireless Summit 2014 next week  // contact: mp@stelar.de