



# 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
- Action Plan(COM(2012) 736 p.9): “eHealth and wellbeing ICT initiatives should integrate the principle of privacy by design”



... 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 f. 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**