



Criteria for privacy enhancing security technologies

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Objectives of WP6

- identify best practice models regarding the privacy friendly design and implementation of security technologies, based on the results of workpackage 3 (design principles) and workpackage 5 (participatory technology assessment)
- transform these models into different sets of criteria for research programmes (incorporation into call and evaluation guidelines), industry projects, evaluation by data protection authorities, implementation processes, legislation, regulation and execution of security policies and
- discuss and test these sets of criteria for applicability within the user and stakeholder panel







What sets of criteria do exist?

Examples:

to achieve

- anonymity
- pseudonymity
- unlinkability
- unobservability

by

- data minimisation
- data protection
- data management
- · identity management
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What are the criteria for criteria?

Dimensions:

- Technical
- Organisational
- Legal

Adapted to...

- needs of different actors
- various application environments
- different phases in technology development and implementation

Should be...

clear and measurable







What is the privacy-security dilemma all about?

More surveillance = more security more surveillance = less privacy

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more security = less privacy

- Does less privacy automatically lead to more security?
- Is more security possible with the same (or even higher) level of privacy?





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What levels of protection do we deal with?

Systems may be...

- compliant to (national) regulation for inner security and law enforcement
- data protection compliant
- privacy enhancing







How could a scheme for privacy compliant security technologies in Europe look like?

Step by step approach:

- Baseline of systems development (the "limit")
- Data-protection compliant systems design
- Context sensitive trade-off between potential security gain and privacy loss
- Privacy enhancing systems design (the step further)





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Guiding questions for the workshop to discuss

- Are the 5 questions adequate to fulfil the task?
- How would you answer these questions?
- · What is missing?





