



Horizon 2020 Secure Societies European Info Day and  
Brokerage Event

**Brussels , 6-7 March 2017**

Teesside University/University of Twente

Paul van Schaik/Sjoerd de Vries

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# Description of the Organization

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- *University of Twente (UT)*
  - *Technical & Social Science University: For instance Engineering Technology & Behavioural, Management & Social Sciences, > 2900 scientists and professional support and 9600 students*
  - *We are highly involved in the European Institute of Innovation & Technology (EIT) and Horizon 2020 and the preceding Framework Programmes*
- *Teesside University (TU)*
  - *Applied sciences, incl. human sciences, science, engineering, computing, health, design, arts, media; > 550 academics and researchers and 20000 students*
  - *Horizon 2020 and the preceding Framework Programmes*
  - *EC's Prevention of and Fight against Crime programme*
- *Research team and activities, UT (lead partner)*
  - *Sjoerd de Vries – data-driven media design and use*
  - *Ardion Beldad – privacy and ethical issues in digital-media use*
- *Research team and activities, TU*
  - *Paul van Schaik – human-computer interaction, evaluation, behavioural cybersecurity and -privacy, behavioural e-health, usability, user-experience, technology acceptance*



## Privacy-enhancement design framework for digital social-work technologies

- *Aim:*
  - *To develop a privacy-enhancement design framework for digital social-work technologies*
- *Objectives:*
  - *To study the EU and relevant national privacy rules and regulations and the current EU and national ‘certification’ programs and practices as well as existing prototypes*
  - *To survey general concerns clients have when using ICT systems in the social-care domain*
  - *To review the current data-handling practices of professionals when using ICT system in the social-care domain*
  - *To elicit privacy requirements and ethical standards from clients and professionals*



## Privacy-enhancement design framework for digital social-work technologies

- *Objectives (continued):*
  - *To design a model (framework) of privacy risk management*
  - *To design tools to support the model*
  - *To build prototype software systems to support personalised and decentralised social care*
  - *To conduct field trials in different social-care settings and in different countries*
  - *To redesign or amend the model, the tools and the prototypes*
  - *To develop a procedure for issuing ‘Privacy Certificates’ for digital social-work technologies*



## Privacy-enhancement design framework for digital social-work technologies

- *Expected results*
  - *Deliverable 1: Market analysis of relevant national privacy rules and regulations, and the current EU and national 'certification' programs and practices as well as existing prototypes*
  - *Deliverable 2: Client analysis - privacy concerns clients have when using ICT systems in the social-care domain.*
  - *Deliverable 3: Professional analysis - review of the current data-handling practices of professionals when using ICT system in the social-care domain in different countries*
  - *Deliverable 4: Requirement analysis - information privacy requirements from clients and professionals, with regulatory requirements (international, EU and national) for comparison*



## Privacy-enhancement design framework for digital social-work technologies

- *Expected results (continued)*
  - *Deliverable 5: a model (framework) of privacy risk management with a focus on privacy-enhanced technology*
  - *Demonstrator 1: tools to support the model with the aim of ensuring privacy for users using particular service functionality in the domain of social care*
  - *Demonstrator 2: prototype software systems*
  - *Deliverable 6: evaluation of privacy-enhanced technology in different social-care settings and in different countries*
  - *Deliverable 7: Certification Model and Procedure*



## Test beds

- *In each country, to design and test privacy-enhanced technology in social-work practice*
  - *Social-work practitioner organisation*
  - *Social-work academic/research organisation*
  - *SME*



# Consortium - profile of known partners and Partners



No	Partner Name	Type	Country	Role in the Project
01	University of Twente	RTD	NL	Project lead/analysis
02	Teesside University	RTD	UK	Evaluation/field trials
03	University of Vilnius	RTD	Lithuania	Analysis/field trials
04	Northumbria University	RTD	UK	Analysis/field trials
05	Wyoming Interactive	IND	UK	Technical design and implementation
06	Toek Design	SME	NL	Technical design and implementation





# Consortium - profile of known partners and Required Partners



No	Partner Name	Type	Country	Role in the Project
07	TBA	SME	Lithuania	Testbed partner: technical design and implementation
08	TBA	RTD	Southern/ eastern EU	Testbed partner: analysis/field trials
09	TBA	SME	Southern/ eastern EU	Testbed partner: technical design and implementation
10	TBA	Care organi sation	Southern/ eastern EU	Testbed partner: analysis/field trials
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**W: <http://www.tees.ac.uk/sections/research/>**

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