

Project title: Privacy and Identity Management for Europe

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End date : 28.02.08
Duration : 48 months
of Partners : 20

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Partners (Industrial, SME, Institutes):

IBM Belgium (Coord.), IBM Zürich Research Laboratory, Unabh. Landeszentrum für Datenschutz DE, TU Dresden DE, Katholieke Universiteit Leuven BE, Universiteit van Tilburg NL, Hewlett-Packard UK, Karlstads Universitet SV, Università di Milano IT, Joint Research Centre Ispra IT, LAAS-CNRS FR, J. W. Goethe-Universität Frankfurt am Main DE, Chaum LLC USA, RWTH Aachen DE, Institut EURECOM FR, Erasmus University Rotterdam NL, Fondaz. Centro S. Raffaele del Monte Tabor IT, Deut. Lufthansa DE, Swisscom CH, T-Mobile DE.

Project objectives:

In the online world, every person has to handle numerous accounts and data sets. These so-called "partial identities" will increasingly play a key role in future electronic services as well as in public security. They may very well convey sensitive personal data, such as patient health data, employee data, credit card data, etc.

The project "Privacy and Identity Management for Europe" (PRIME) aims at developing a working prototype of a privacy-enhancing identity management system. The project focuses on solutions for identity management that support end-users' sovereignty over their private sphere and enterprises' privacy-compliant data processing. To foster market adoption, novel solutions for managing identities will be demonstrated in challenging real-world scenarios, e.g., from Internet Communication, Airline and Airport Passenger Processes to Location-Based Services and Collaborative e-Learning.

Project description:

The PRIME project envisions user-controlled identity management systems within which the players concerned act together, mediated by technology to enforce the rules set by law and the contracting partners. In these systems, the user has control of personal information and discloses it only after agreeing to the service's privacy policy. Such privacy policies describe the data processing, e.g., purpose, possible transfers to other parties and retention. All parties act within the strict bounds of law, under anonymity, pseudonymity, or on the basis of explicitly agreed terms between the parties. In all cases technology supports accountability and recourse.

The PRIME concept contrasts with approaches from other identity management systems under development by strongly focusing on putting the user in control and enforcing the individual's privacy needs, based on privacy-enhancing solutions (in particular an innovative credential system).

All PRIME results are being evaluated by legal, social, economic, usability and assurance experts.

Field of Application:

User-controlled identity management;
 data minimisation and data exchange considering privacy and security aspects.