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OECD Workshop on Digital Identity Management
(IDM) - Trondheim, Norway, 8-9 May 2007

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Identity management (IDM) in the online environment is seen as a key enabler for electronic business and electronic government because it facilitates the expansion of information systems and network boundaries and increases access points. It is also an issue at the cross-roads of information security, privacy and trust.

This workshop, organised by the OECD and hosted by the Norwegian Ministry of Education and Research and Ministry of Government Administration and Reform, brought together experts from government, industry and civil society to explore the main information security and privacy issues surrounding digital identity management.

The discussion on day one explored illustrative examples of IDM frameworks, solutions and applications. The second day focused on the needs of, and challenges faced by, private and public bodies as users of IDM, as well as possible responses to those challenges. The broader implications of IDM for individuals' ability to control the digital representation of their identity and its potential uses were a focus throughout the workshop.

Draft Agenda

Day 1 – Government and Businesses as Users of Identity
Management

9.15 Registration

10:00 Welcome

- Jan Peter Strømsheim, Senior Advisor, Norwegian Ministry of Education and Research - [Presentation](#)
- Hugo Parr, Director General, Norwegian Ministry of Government Administration and Reform - [Presentation](#)
- Workshop Chair: Katarina de Brisis, Vice Chair OECD WPISP; Senior Adviser, Ministry of Government Administration and Reform

10:20 Keynotes Speeches

- The context for Identity Management Architectures and Trust Models - [Presentation](#)
Daniel Greenwood, Lecturer, MIT Media Lab/ MIT E-Commerce Architecture Program
- An Introduction to Digital Identity - [Presentation](#)
Andreas Pfitzmann, Head of the Privacy and Security Research Group, Department of Computer Science, Dresden University of Technology

11:50 Session 1 - Frameworks, Solutions and R&D Projects

Moderator: Dirk Van Rooy, Principal Scientific Officer, European Commission

- The Liberty Alliance Framework - [Presentation](#)
Robin Wilton, Sun Microsystems, Co-Chair of the Liberty Alliance Public Policy Expert

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Group

- The Microsoft Identity Metasystem and Infocards - [Presentation](#)
Chris Bunio, Senior Architect, Microsoft
- Privacy and Identity Management in Europe (PRIME) - [Presentation](#)
Thomas Gross, PRIME
- Bridging the Identity Management Gaps - [Presentation](#)
Tony Rutkowski, Vice-President, Regulatory Affairs and Standards, VeriSign Inc.
- Moderated discussion

13:00 Lunch

14:15 Session 1 (continued) - Frameworks, Solutions and R&D Projects

- Research and Development - [Presentation](#)
Jim Dray, Program Manager for Identity Management Systems, Department of Commerce, National Institute for Standards and Technology (NIST), United States
- Research and Development - [Presentation](#)
Denis Royer, The Future of Identity in the Information Society (FIDIS)
- Moderated discussion

15:00 Session 2 - Government and Business Case studies

Moderator: *Jane Hamilton, Director, Electronic Commerce Policy, Industry Canada*

- Identity Management in the Educational Sector - [Presentation](#)
Ingrid Melve, Chief Technical Officer, UNINETT, Norway
- Identity Management in the Public Administration: the US Personal Identity Verification (PIV) card - [Presentation](#)
Curt Barker, Division Chief, Department of Commerce, National Institute for Standards and Technology (NIST), United States
- Identity Management in the Public Sector - [Presentation](#)
Sara Marshall, Director, External Affairs, Identity and Passport Service, United Kingdom
- Identity Management across the Public and Private Sectors in Korea: the i-Pin - [Presentation](#)
Chanjoo Chung, Senior Researcher, Korea Information Security Agency (KISA), Korea
- Moderated discussion

16:30 Session 2 (continued) - Government and Business Case studies

- Identity Management within a Company: Boeing - [Presentation](#)
Stephen Whitlock, Chief Security Architect, The Boeing Company
- Identity Management within an Online Company: PayPal
Michael Barrett, Chief Information Security Officer, PayPal, Inc.
- Identity Management across Domains - [Presentation](#)
Jean-Pierre Tual, Director, Industrial Relations, Gemalto
- Moderated discussion

17:30 Summary of Day 1 Discussion

18:00 Close of Day 1

20:00 Workshop dinner at Rica Nidelven Hotel, the workshop venue

Day 2 - Exploring Challenges and Possible Responses

9:00 Session 3 - Technical, Legal and Societal Challenges and Responses

Moderator: *Jan-Martin Lowendahl, Research Director, Gartner Group*

- Interoperability

André Vasconcelos, Consultant, The Knowledge Society Agency (UMIC), Portugal
- [Presentation](#)
Gillian Ormiston, Senior Consultant, Identity Management and Security Solutions, Motorola - [Presentation](#)
Paul Trevithick, Founder, Higgins - [Presentation](#)

- Security
Ben Laurie, Security Consultant, Google - [Paper](#) - [Presentation](#)
Bob Blakley, Principal Analyst, The Burton Group - [Presentation](#)
- Security Architecture and Trust Modelling - [Presentation](#)
Frank Leyman, Manager, International Relations, FEDICT, Belgium
- Risk Management and Auditing - [Presentation](#)
Richard Mapleston, Regional Information Planner (Europe), Shell Exploration & Production Europe
- Moderated discussion

11.20 Session 3 (continued): Challenges and Responses

- Privacy - [Presentation](#)
Toby Stevens, Director, Enterprise Privacy Group, United Kingdom
- Trust and Consumer Issues - [Presentation](#)
Naomi Lefkovitz, Attorney, Federal Trade Commission, United States
- Functional Requirements for Privacy Enhancing Systems - [Presentation](#)
Fred Carter, Senior Policy and Technology Advisor, Office of the Information and Privacy Commissioner, Ontario (Canada)
- Assessment Methodology for Identity Attributes - [Presentation](#)
Irma Van Der Ploeg, Associate Professor, Research Centre Infonomics & New Media, Zuyd University, The Netherlands
- Using Icons to Express User Preferences - [Presentation](#)
Mary Rundle, Fellow, Berkman Center for Internet and Society at Harvard Law School, United States
- Moderated discussion

13:00 Lunch

14:30 Session 4 - Conclusions and Next Steps

Moderator: *Katarina De Brisis, Workshop Chair*

Keynote speakers:

- *Daniel Greenwood*
- *Andreas Pfitzmann*

Session Moderators:

- *Dirk van Rooy*
- *Jane Hamilton*
- *Jan-Martin Lowendahl*

Additional discussant:

- *Malcolm Crompton, Managing Director, Information Integrity Solutions Pty Ltd*
- [Presentation](#)
- *Thomas Gross, IBM*

16:00 Close of meeting

