IDENTITY MANAGEMENT 2010

Conference Program

27 & 28 September

The World Bank F Building



Conference Partners:





ATTENDEE INFORMATION

BUILDING ACCESS

Non-World Bank conference attendees only have access to this lower meeting room level. Access to the other levels of the building will require additional security screening. If you have any security questions, please see one of the guards near the entrance.

All functions associated with the conference including the sessions, coffee break, and lunch will be held on this level. Restrooms are also available on this level.

EVALUATION FORMS

Each registration packet includes an evaluation form. We ask that you please fill out this form and return the completed version to the drop-off box located in the registration area. Extra evaluation forms will be available in this area as well. These evaluations are important to us, as we take note of speaker reviews when deciding future programs.

LUNCH

All attendees are welcome to a box lunch each day. Box lunches will be available in the meeting room foyer area.

OASIS MEMBERSHIP INFORMATION

Please contact any OASIS staff person for information about OASIS membership and details on how to participate fully in or observe OASIS technical work.

RECEPTION

The conference reception will take place immediately following the end of the conference at the Washington Marriott Hotel. All conference attendees are welcome to join us in the Georgetown I&II Ballroom for cocktails, delicious food and friendly conversation from 5:15—6:45.

Washington Marriott Hotel

1221 22nd Street, NW

Washington, DC 20037

* Walking directions will be available in the registration area..

TECHNICAL COMMITTEE MEETINGS

A few OASIS TCs will be holding face-to-face meetings on Wednesday and Thursday at the

Washington Marriott Hotel. Meeting details are below.

Key Management Interoperability Protocol (KMIP)

Wednesday, 29 September — 9:00 AM—5:00 PM

West End Ballroom E

Thursday, 30 September—9:00 AM—12:00 PM

Dupont Salon F

Identity in the Cloud (IDCloud)

Wednesday, 29 September—9:00 AM—5:00 PM

West End Ballroom D

Privacy Management Reference Model (PMRM)

Wednesday, 29 September (Meeting time and location will be available in the registration area.)



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Conference sponsors:

OASIS IDtrust



CONFERENCE AGENDA

Monday, 27 September | Day One

8:30 | Coffee & Registration

9:00 | OPENING PLENARY

Welcome Remarks:

Mr. Philippe Dongier, Sector Manager, CITPO GICT, World Bank Mr. John Sabo, Chair, OASIS IDtrust Member Section

Keynote Addresses:

- Mr. Robert Madelin, the European Commission's Director General for the Information Society and Media—via video
- Ms. Mary Ellen Callahan, Chief Privacy Officer, U.S. Department of Homeland Security
- Mr. Timothy H. Edgar, Director of Privacy and Civil Liberties, Cybersecurity Directorate, National Security Staff, The White House (invited)

Remarks from Satellite Countries:

Belarus, Georgia, Moldova, and Rwanda

10:30 | Coffee Break

10:45 | SESSION B: Designing and Implementing Secure ID Management Systems: Country Experiences

Chair: Mr. Randeep Sudan, Lead ICT Policy Specialist, the World Bank

This session aims at showcasing successful national initiatives using federated and secure identity management solutions. The objective is to also discuss the challenges faced by governments in both developed and developing countries to implement these solutions and achieve substantial results and benefits for their citizens. Policy considerations for implementation, privacy issues in data usage/ownership, conditions that can foster an environment for successful deployment of identity solutions will be discussed by government representatives from Pakistan, Japan, New Zealand and Belgium.

- Mr. Tariq Malik, Deputy Chairman, The National Database Registration Authority (NADRA), Pakistan
- Mr. Colin Wallis, Identity Standards Manager, Government Technology Services at the State Services Commission, New Zealand Government
- Dr. Masakazu Ohashi, Professor, Chuo University-Japan and Chair,
 International Standardization Committee of e-Tendering and Procurement
- Mr. Frank Leyman, Manager International Relations, FEDICT

12:30 | Lunch

1:30 | SESSION C: Privacy and Identity Management: Two Critical Ingredients of Trusted Cloud Computing

Chair: Mr. Jim Harper, Director of Information Policy Studies, the Cato Institute

Identity management is a critical component of data privacy, but identity management systems are often portrayed as either direct threats to personal privacy or as potential sources of privacy and security risk. This session explores the interrelationship of identity management, authentication and access controls to data privacy and work underway to ensure that identity management systems support privacy risk management and emerging trusted cloud computing models.

- Mr. John Sabo, Director, Global Government Relations, CA Technologies
- Ms. Eve Maler, Distinguished Engineer, PayPal
- Mr. Philip Hoyer, Senior Architect, CTO Office, ActivIdentity

3:00 | Break

5:00 | Day One Ends

3:15 | SESSION D: What You Know—What You Have—What You Are: The Role of Hardware Technologies to Provide Identity Assurance

Chair: Mr. Philip Hoyer, Senior Architect, CTO Office, ActivIdentity

What is the best role for hardware-based authentication solutions - such as smart cards, smart phones, RFID devices and other hardware tokens - in identity management systems? How scalable are they, what deployments today have been successful, and what does the future hold for their use in large scale environments such as governments?

- Mr. Abel Sussman, Associate, Booz Allen Hamilton
- Mr. Simon Wakely, Vice President of Sales and Business Development,
 Giesecke & Devrient
- Mr. Frank Leyman, Manager International Relations, FEDICT
- Michael Magrath, Director, Business Development-Government & Healthcare, Gemalto, Inc.





Tuesday, 28 September | Day Two

8:30 | Morning Coffee

9:00 | SESSION E: Enabling Identity and Attributes between Federations and Governments

Chair: Mr. John Bradley, Trust Framework Specialist, Protiviti

Governments have new choices when it comes to working with the identities of their partners, citizens, and suppliers – choices that can reduce the cost of these relationships while increasing trust and creating new business opportunities. To support the scale and complexities of these choices, the breadth and depth of technology providers' collaboration has expanded. Representing multiple points of view related to open identity, this panel discussion will summarize the development of trust models, operating rules, policies on privacy and security, mandatory guidelines and standards, open technology solutions and the politics of making a Federation between Industry and Government actually operational.

- Dr. Peter Alterman, Senior Advisor for Strategic Initiatives, National Institutes of Health
- Ms. Maria Vachino, Senior Systems Engineer and Mr. Thomas Carl Smith, Senior Professional Staffer, Johns Hopkins University Applied Physics Lab
- Mr. Daniel Turissini, CEO, Operational Research Consultants, Inc.
- Mr. Don Thibeau, Executive Director, OpenID Foundation
- Ms. Joni Brennan, Managing Director, IEEE-ISTO

10:30 | Coffee Break

11:00 | SESSION F: Insuring Confidentiality: Encryption, Data Retrieval, Key Management Technologies

Chair: Mr. Jerry Smith, Computer Scientist-International Standards Program (DISA), U.S. Department of Defense

What management technologies are available to ensure confidentiality as enterprises navigate to cloud solutions? This session looks at some approaches to managing operational risk by protecting valuable digital assets, achieving compliance with regulatory mandates, and leveraging industry standards for data confidentiality.

- Mr. Robert Griffin, Director, RSA
- Mr. Anthony Rutkowski, Senior Vice President, Yaana Technologies LLC

12:30 | Lunch

1:30 | SESSION G: Managing Risk & Reducing Online Fraud Using New Security Technologies

Chair: Mr. Abbie Barbir, VP, Senior Architect, Bank of America

Building trusted identity systems and effectively deploying and managing online trust systems are critical components of cybersecurity and essential for reducing online fraud and cybercrime. Although some strategies recognize the value of anonymity for many online transactions and the need for reliable, low-assurance identity systems, sensitive and high-value transactions, such as online banking or accessing electronic health records, require strong linkages to trusted identities, role and context, and other attributes. As we move to federated systems, parties must have confidence in the underlying identity infrastructure. The speakers in this session will demonstrate real-world solutions, including technologies, standards and practices, to enable trust and support effective online risk management.

- Mr. Duane DeCouteau, Senior Software Architect, Ascenda
- Mr. Nat Sakimura, Senior Researcher, Nomura Research Institute-Japan
- Mr. Greg Garcia, Senior Vice President, Bank of America

3:00 | Break

3:30 | SESSION H: Security Gaps & Solutions in the Cloud

Chair: Mr. Anil Saldhana, Lead Middleware Security Architect, Red Hat Inc.

Cloud Computing has generated the buzz in recent times. Concerns of Security and Privacy have underscored the perceived benefits of Cloud Computing. While the industry has proceeded towards the Cloud, questions on security, privacy, regulations and liability still remain. Lack of security standards have been quoted as a big deterrent for cloud adoption. In this session, hear from Industry experts on how current security standards are providing solutions, as well as the gaps and challenges that cloud adopters still face.

- Mr. Patrick Harding Chief Technology Officer, Ping Identity
- Mr. Christopher Bauserman, Program Director, Security Solutions, IBM
- Ms. Dawn Leaf, Senior Official for Cloud Computing, NIST
- Mr. David Turner, Director, Microsoft Corporation

5:15 | Cocktail Reception at the Marriott Hotel—Georgetown I&II Ballroom Sponsored by IDtrust Members & IBM



NOTES

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SPEAKER PROFILES

Peter Alterman, Senior Advisor for Strategic Initiatives, National Institutes of Health

Dr. Peter Alterman is Senior Advisor to the NIH CIO for Strategic Initiatives. He served some time as Deputy Associate Administrator for Technology Policy at the General Services Administration. Before that he was Assistant CIO for e-authentication at the National Institutes of Health and Chair of the U.S. Federal PKI Policy Authority. Dr. Alterman serves on numerous government and industry electronic identity management committees and workgroups.

He has been involved in Internet technology since serving on the Federal Research Internet Coordinating Committee in 1989. In 1997, he received the NIH Director's Award for "providing innovative leadership to NIH Executives and Managers by identifying and addressing critical issues in managing the information technologies of NIH." In 2002, he received the E-Gov Pioneer Award and the Potomac Forum Leadership

Best Practice Award for the NIH-Educause PKI Interoperability Project. In 2003 he received Special Recognition Awards from the Federal Bridge Certification Authority and the Federal PKI Steering Committee. In 2005 he received a special recognition award from the E-Authentication Partnership for his work on Levels of Assurance determination. In 2008 he received both an NIH Merit Award and an NIH Director's Award for his pioneering work in federated identity management. He received his Ph.D. in 1974 from the University of Denver.



Abbie Barbir, VP, Senior Architect, Bank of America

Abbie Barbir's background includes focus on Identity Management solutions, Telecom SOA-based applications and Web Services security. He currently holds several leadership positions in the Organization for the Advancement of Structured Information Standards (OASIS), the Kantara Initiative and the International Telecommunication Union Telecommunication Standardization Sector (ITU-T). He is a published author and holds over 15 international and US patents in the areas of security, networking, data compression and encryption. He holds a Ph.D. in Computer Engineering from Louisiana State University.

Christopher Bauserman, Program Director, Security Solutions, IBM

Chris Bauserman is responsible for product management of IBM Tivoli security and compliance software products in Austin, TX and has over 12 year experience leading and executing technology based business strategies. Chris has previously worked as an advisor and consultant to several startup companies in the fields of homeland security, home automation, and new media product design. In collaboration with the government of Honduras and the MIT Media Lab, he worked to leverage emerging technologies to raise the standards of living in that country's remote regions.

Chris began his career in management consulting where he advised Global 2000 clients on the strategic use of information technology and aided in the execution of these strategies across a wide range of client/server, Internet, and digital media technologies. Chris holds an MBS from the MIT Sloan School of Management, where he helped run the MIT Entrepreneurship Competition, and as BS in Industrial and Operations Engineering from

the University of Michigan. In his free time he enjoys travel, SCUBA diving, running, biking, wine tasting, and Austin's live music scene. Chris is also an active volunteer with Habitat for Humanity.

John Bradley, Trust Framework Specialist, Protiviti

John Bradley serves on the OASIS XRI, XDI, and ORMS Technical Committees. He is a member and participant in the OpenID Foundation, and the InfoCard Foundation/OSIS as a proposer and contributor to the PAPE and openID InfoCard specs. As co-founder, SVP and chief scientist at Group Telecom, John designed and implemented some of the first-ever metropolitan fibre optic networks to deliver gigabit Ethernet services — network models that have since been replicated all over the world. He also helped turn GT into Canada's most successful CLEC — with 400,000kms of fibre, I 500 employees and a quarter-billion-dollar revenue run rate. He provided design and consulting services for Westel and helped develop Cyberstore Systems into one of the first commercial Internet service providers in British Columbia.

Joni Brennan, Managing Director, IEEE-ISTO

Joni Brennan is the Kantara Initiative Managing Director focusing on Assurance and Interoperability Certification. Previously she served as the Technical and Operations Director of the Liberty Alliance and is approaching a decade of service to the IEEE Industry Standards and Technology Organization (ISTO). She is a member in good standing of the American Society for Association Executives (ASAE) and a graduate of Rutgers University Information Technology and Informatics programme at the School of Communication and Information (SC&I). Deeply embedded in Privacy and Identity standards for nearly a decade, Joni has provided guidance and support for varying technical and policy committees. Additionally, she has been a member or liaison to international industry standards committees including: OASIS SSTC, ISO SC27 WG5, and ITU-T SG17 Q6.

Mary Ellen Callahan, Chief Privacy Officer, U.S. Department of Homeland Security

March 9, 2009, Mary Ellen Callahan became the Chief Privacy Officer of the U.S. Department of Homeland Security. Prior to joining the Department, Ms. Callahan specialized in privacy, data security, and consumer protection law as a partner at Hogan & Hartson, LLP, where she worked for more than ten years. She was the Co-Chair of Online Privacy Alliance, a self-regulatory group of corporations and associations established to create an environment of trust and foster the protection of individuals' privacy online. Ms. Callahan also served as Vice-Chair of the American Bar Association's Privacy and Information Security Committee of the Antitrust Division.

A frequent author and speaker on privacy issues, she was selected in 2008 as a "Band I" privacy and data security lawyer in the United States by Chambers and Partners. Ms. Callahan holds a Juris Doctor from the University of Chicago Law School and graduated magna cum laude from the University of Pittsburgh. Prior to law school, Callahan worked at the Congressional Research Service of the Library of Congress as part of the Special Task Force on the Development of Parliamentary Institutions in Eastern Europe.

The Privacy Office is responsible for privacy compliance across the Department, which includes assuring that the technologies used by the Department to protect the United States sustain, and do not erode, privacy protections relating to the use, collection, and disclosure of personal and Department information. The Privacy Office also has oversight of all privacy policy matters, including compliance with the Privacy Act of 1974, the Freedom of Information Act of 1966 (as amended), and the completion of Privacy Impact Assessments, as required by the E-Government Act of 2002 and Section 222 of the Homeland Security Act, (as amended).

Additionally, Ms. Callahan serves as the Department's Chief Freedom of Information Act Officer where responsibilities include assuring consistent and appropriate agency-wide statutory compliance and harmonized program and policy implementation.

Duane DeCouteau, Senior Software Architect, Ascenda

Duane DeCouteau co-Authored the OASIS standards Cross-Enterprise Security and Privacy Authorization (XSPA) Profiles of SAML and XACML for Healthcare. He is the acting secretary for the OASIS XSPA technical committee and has lead government and multi-vendor OASIS Interoperability demonstrations depicting real-world healthcare scenarios addressing the patients security and privacy concerns. He is currently supporting the Department of Veterans Affairs in implementing Consent and Consumer Choice technologies.

Philippe Dongier, Sector Manager, CITPO GICT, World Bank

Philippe Dongier is Sector Manager for ICT in the Global ICT Department. Philippe joined the World Bank Group in 1998 and has worked in the infrastructure and sustainable development sectors, in the anchors and in Asia, Africa and Latin America. He was manager for Afghanistan reconstruction (2001-2004), and recently authored a World Bank report entitled 'Infrastructure: Lessons from the Last Two Decades of World Bank Engagement.' Prior to joining the Bank, Philippe was with McKinsey & Company (1993-1998), advising companies and governments on issues of strategy and organizational restructuring. From 1986 to 1992, he worked in Nepal and Vietnam on decentralized and community-based infrastructure. Philippe holds and MBA from INSEAD and a BA in economics from McGill University.

Timothy H. Edgar, Civil Liberties & Privacy Officer, National Security Staff, The White House

Timothy Edgar oversees all the privacy aspects of the White House cybersecurity initiative. Prior to joining the National Security Staff, he was the Deputy for Civil Liberties in Civil Liberties and Privacy Office of the Office of the Director–National Intelligence, which was established by the Intelligence Reform and Terrorism Prevention Act of 2004. Mr. Edgar came to the ODNI in June 2006 after five years as a national security policy and legislative counsel at the American Civil Liberties Union. Mr. Edgar testified on behalf of the ACLU before Congressional intelligence and judiciary committees and appeared in major national media. Mr. Edgar also spearheaded the organization's lobby efforts in a number of post-9/11 initiatives, including intelligence reform. Mr. Edgar was named "pro bono attorney of the year" by the Arab-American Anti-Discrimination Committee in 2002. Prior to joining the ACLU in May 2001, Mr. Edgar was an attorney at the Washington law firm of Shea & Gardner. From 1997 to 1998, Mr. Edgar was a law clerk to Judge Sandra L. Lynch of the U.S. Court of Appeals for the First Circuit in Boston. He is a 1997 magna cum laude graduate of the Harvard Law School, where he served as an editor on the Harvard Law Review. Mr. Edgar graduated summa cum laude from Dartmouth College in 1994.

Greg Garcia, Senior Vice President, Bank of America

Greg Garcia was named partnership executive for cybersecurity and identity management for Bank of America in May, 2010. He leads the bank's relationships with public and private partners in cybersecurity and identity management. Garcia was most recently president of Garcia Strategies, LLC, a strategic business and government affairs consulting firm. From 2006 to 2008, he served as the first presidentially-appointed Assistant Secretary for Cybersecurity and Communications (CS&C) in the Department of Homeland Security.

CS&C supports government efforts to enhance cyber and network security and to align national communications security strategy with changing risks. Garcia led CS&C's strategic direction and oversaw the National Cyber Security Division, the Office of Emergency Communications and the National Communications System.

Prior to joining the Department of Homeland Security, Garcia served as vice president of Information Security Programs and Policy with the Information Technology Association of America (ITAA), where, among other accomplishments, he worked with the Department of Homeland Security to co-found the Information Technology Sector Coordinating Council, a consortium of IT sector companies and associations collaborating with the government on critical infrastructure protection and risk management.

Before joining ITAA in 2003, Garcia served on the staff of the House Science and Technology Committee where he was responsible for industry outreach and information technology and cybersecurity policy. Garcia had a lead role under Chairman Sherwood Boehlert in drafting and shepherding the enactment of the Cyber Security Research and Development Act of 2002.

Prior to his service on Capitol Hill, Garcia contributed to national policy development through several private sector organizations. He was director of 3Com Corporation's Global Government Relations Office, where he established and managed all aspects of the company's public policy. Garcia earned a B.A. in International Business from San Jose State University. He and his family reside in Washington D.C.

Robert Griffin, Director, RSA

Robert Griffin is Technical Director at RSA, the Security Division of EMC, where he is responsible for standards and strategy for the RSA data security products. He represents EMC to several standards organization, focusing his efforts particularly in the area of key management in his role as co-chair of the OASIS Key Management Interoperability Protocol (KMIP) technical committee. Mr. Griffin has extensive experience in security strategy, corporate governance, business process transformation and software development. He has had the primary architectural responsibility for a number of production systems environments and major software engineering projects. He has presented at many professional and industry conferences and instructed courses within both professional and university settings.

Patrick Harding, Chief Technology Officer, Ping Identity

Harding brings more than 20 years of experience in software development, networking infrastructure and information security to the role of Chief Technology Office for Ping Identity. Harding is responsible for Ping Identity's technology strategy.

Previously, Harding was a vice president and security architect at Fidelity Investments where he was responsible for aligning identity management and security technologies with the strategic goals of the business. Harding was integrally involved with the implementation of federated identity technologies at Fidelity -- from "napkin" to production. An active leader in the Identity Security space, Harding is a Founding Board Member for the Information Card Foundation, a member of the Cloud Security Alliance Board of Advisors, on the steering committee for OASIS and actively involved in the Kantara Initiative and Project Concordia. He is a regular speaker at RSA, Digital ID World, SaaS Summit, Burton Catalyst and other conferences. Harding holds a BS Degree in Computer Science from the University of New South Wales in Sydney, Australia.

Jim Harper, Director of Information Policy Studies, the Cato Institute

As director of information policy studies at the Cato Institute, Jim Harper focuses on the difficult problems of adapting law and policy to the unique problems of the information age. Harper is a member of the Department of Homeland Security's Data Privacy and Integrity Advisory Committee. His work has been cited by USA Today, the Associated Press, and Reuters. He has appeared on Fox News Channel, CBS, and MSNBC, and other media. His scholarly articles have appeared in the Administrative Law Review, the Minnesota Law Review, and the Hastings Constitutional Law Quarterly. Recently, Harper wrote the book Identity Crisis: How Identification Is Overused and Misunderstood. Harper is the editor of Privacilla.org, a Web-based think tank devoted exclusively to privacy, and he maintains online federal spending resource WashingtonWatch.com. He holds a J.D. from UC Hastings College of Law.

Philip Hoyer, Security Architect, The Office of the CTO, ActivIdentity

Philip Hoyer is a Senior Architect in the Office of the CTO of ActivIdentity. His main responsibilities are technical strategy, technical presales, strategic partnerships and representation of ActivIdentity on standards bodies such as IETF and OATH, where he recently was appointed technical co-chair. He is a recognized subject matter expert for authentication, especially in the area of financial services and e-government, and regularly speaks at major conferences. He joined ActivIdentity in 2004 as result of it's acquisition of ASPACE solutions, a UK based company

delivering authentication solutions to the financial services market. He has over 15 years experience architecting, building and delivering IT solutions, much of which was gained working as a solutions architect for a large consultancy. He holds a first class honors degree in Software Engineering from Westminster University.

Dawn Leaf, Senior Advisor, National Institute of Standards and Technology (NIST)

Dawn Leaf is a Senior Advisor in the National Institute of Standards and Technology Information Technology Laboratory, and the NIST Senior

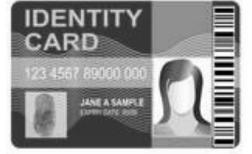
Executive for Cloud Computing. Prior to her appointment to NIST in March 2010, Ms. Leaf served as the Deputy Chief Information Officer/Chief Technology Officer for the United States Department of Commerce, the Chief Information Officer of the Bureau of Industry and Security, the Chief Technology Officer of the Smithsonian Institution, and as the Manager of System Architecture of the United States Patent and Trademark Office.

Before joining the federal government in 1999, Ms. Leaf acquired broad experience in Information Technology management, advanced technology, and large scale distributed systems development and engineering. She served as the program manager for several National Aeronautics and Space Administration (NASA) and National Oceanic and Atmospheric Administration (NOAA) programs under contract. Ms. Leaf's foundation in Information Technology came from her 1981-1995 tenure with the Westinghouse Electric Corporation (Northrop-Grumman).

Highlights include receiving the 1992 George Westinghouse Signature of Excellence Award and being appointed as the Information Systems Manager for the oceanic sonar and anti-submarine warfare facility. Ms. Leaf has a master's degree in Systems Engineering from the Johns Hopkins University, Whiting School of Engineering, and graduated cum laude from McDaniel College.

Frank Leyman, Manager International Relations, FEDICT

Frank Leyman holds a Master degree in Marketing and in Applied economics from the University of Mons in Belgium. He started his career with IBM Belgium as a telecom Marketing specialist. After 6 years he joined the Belgian national



Telecom operator Belgacom where he was in charge of setting up the Corporate Services Sector. After 3 year he was appointed as Distribution Channels Director for the Belgacom Group.

In 1999, Frank left Belgacom for a more international carreer by joining the company PROTON WORLD. This company is specialized in large scale smartcard based projects. He has been in charge of business development in the Middle-East and African Region and has co-developed the complete Government offering. Since mid 2005 he works for FEDICT (the Federal Public Service for ICT) where he manages International Relations as well as the relations with European Commission, UN and OECD. He is the Chairman of the International Council for IT in Government Administrations (ICA). He is 48, married and has two boys.

Mr. Robert Madelin, the European Commission's Director General for the Information Society and Media

Robert Madelin previously served in a variety of postings (1997-2003) as a Director in the Directorate-General for Trade, where he had the chance to work on a range of issues, including: access to medicines, agriculture, biotechnology, corporate responsibility, food and product standards, global governance, intellectual property, investment, services, sustainable development, and relations with the Asia-Pacific. Prior to this, he was Deputy Head of Cabinet to Sir Leon (now Lord) Brittan, European Commission Vice-President.

Robert Madelin was born in 1957. He married Marie-Christine Jalabert in 1990. He was educated in England, at the Royal Grammar School, High Wycombe, and at Magdalen College, Oxford. He joined the British Civil Service in 1979, serving mainly in London and Brussels and joined the Commission in 1993. He studied at the Ecole Nationale d'Administration, Paris in 1983-4.

Michael Magrath, Director, Business Development—Government and Healthcare, Gemalto, Inc.

(bio will be available online)

Eve Maler, Distinguished Engineer, PayPal

Eve Maler is a Distinguished Engineer in PayPal's Identity Services group, where she drives the development of security and identity strategies for enabling consumer choice in permissioning of personal data sharing. Eve was one of the inventors of XML; she also co-founded the SAML effort and has made major leadership, technical, and educational contributions to many other standards and technical communities. In recent times she has focused primarily on consumer trust, privacy, and empowerment issues in Web identity and permissioned data-sharing. She launched an open effort called User-Managed Access to explore long-term solutions in this area.

Eve is a sought-after public speaker, and serves as the chair of the Web Services and Identity track of the annual XML Summer School held at University of Oxford. Eve co-authored Developing SGML DTDs: From Text to Model to Markup, a book that provided a unique methodology for information analysis and SGML schema design. Eve's blog, Pushing String at xmlgrrl.com, touches on topics both technical and whimsical.

Tariq Malik, Deputy Chairman, The National Database & Registration Authority (NADRA)

Tariq Malik had been appointed and then confirmed in strategic management role as Deputy Chairman by board members of National Database & Registration Authority (NADRA) in May 2008. Mr. Malik brings 19 years of strategic management experience in implementing high profile citizen centric technology solutions for the governments of the United States of America, Canada, Germany, Bahrain and Pakistan. He is well-known in the project and technology management as successful CIO, Senior Consultant Information Systems, Speaker, Writer, Trainer and Researcher of Information Technology in Public Sector. Prior to joining NADRA, he worked as Deputy Chief of Technology at Wayne County in State of Michigan, USA.

Mr. Malik has the honor to work as IT Advisor of the former Prime Minister of Pakistan, Ms. Benazir Bhutto. Mr. Malik won the distinguished ID Outstanding Achievement Award 2009 by ID World Congress based in Milan, Italy and 'Excellence Award 2003' Michigan, USA for implementing innovate citizen centric e-government solutions.

Mr. Malik has a Masters in International Management from Heidelberg, Germany, after having completed Masters Degree in Computer Science from Quaid-e-Azam University, Islamabad, Pakistan. 'Bureaucratic Reforms using Information & Communication Technologies – A Case Study of Pakistan Public Governance' is the title of research thesis that Mr. Malik is perusing as PhD student (part-time).

As professional, Mr. Malik participated as guest speaker and attended various executive leadership programs offered by John F. Kennedy School of Government, Harvard University, Massachusetts, Stanford University, California, and American Management Association, USA.

Masakazu Ohashi, Professor, Chuo University-Japan and Chair, International Standardization Committee of e-Tendering and Procurement

Masakazu Ohashi is a professor at Graduate School and Faculty of Policy Studies, Chuo University, Japan. His research activity covers the system for the next generation networking social systems and Social Design. He is a chair of International Standardization Committee of e-Tendering and Procurement, Executive Board Member of Foundation, Japan Construction of Information Center and Service Center of Port Engineering (e-Tendering and Procurement Center of Public Work) and the top executive of Time Business Form(Time Authentication). He is a vice-president of The Infosocionomics Society in Japan and a member of UN/CEFACT TBG6. He was a president of Web Services Initiative (2004-2007) and Internet Data Center Initiative(2000-2007) in Japan. He published many books and presents papers at international conferences and journals regarding Authentication and the next generation social systems.

Anthony Rutkowski, Senior Vice President, Yaana Technologies LLC

Currently the CEO of Netmagic Associates LLC, a provider of technical, regulatory, and international consulting services relating to cybersecurity, network forensics, identity management, and new ICT technologies. In that capacity, serves as EVP for Regulatory Affairs and Standards for Yaana Technologies in governmental and industry forums worldwide, as well as provides regulatory counsel to the company. In February 2009, he was appointed as ITU-T Study Group 17 (Security) Rapporteur for Cybersecurity – a position in which he leads the development of global technical standards for the world's network cybersecurity platforms. In February 2010, he was appointed as the ETSI LI Technical Committee eWarrant Rapporteur. He is also a Distinguished Senior Research Fellow, at the Georgia Institute of Technology Nunn School Center for International Strategy Technology and Policy. In December 2006, he was appointed by the FCC as a member of the WARN Act Advisory Committee to develop a next generation national emergency alert capability for Commercial Mobile Radio Systems. He currently participates in numerous global technical standards and policy forums dealing with

Identity Management, Next Generation Networks, National Security, and Law Enforcement Support. He also participates on the advisory boards for Telecommunications Policy and Info magazines.

He is an engineer-lawyer who extensively uses and innovates with many of these technologies; and developed a career of following strategically important developments and turning them into business opportunities – carving out a 45 year career as a highly visible and well-known global enterprise strategist, public official, organization leader, consultant, lecturer, and author in both the Internet and telecom worlds, in the U.S. and internationally. Positions include the private sector (VeriSign, SAIC, General Magic, Sprint International, Horizon House, Pan American Engineering, General Electric, Evening News Association) government (Federal Communications Commission, the International Telecommunication Union, Cape Canaveral City Council), academic (Internet Society, MIT, and NY Law School), and consulting as NGI Associates.

Over recent years he has participated in such diverse activities a Guest Editor of the IEEE Internet Computing special Millennium Edition, co-producer of the Global Next Generation Internet Conference, and a columnist for Communications Week International; co-founded diverse international organizations: Internet Law and Policy Forum (founding member), and has participated in Internet projects preparing reports by the Aspen Institute, the Rand Corp, the International World Wide Web Conference Committee (Board), Register of Copyrights, the President's Framework for Global Electronic Commerce task force, and the Harvard Kennedy School GII Project. Featured twice in the Washington Post, and listed in the 1996 roundup issue of Inter@ctive Week as one the 25 "Driving Forces of Cyberspace," and recognized at the White House in the USA. and internationally for analyzing and shaping the global commercial, public policy, legal, economic, and societal directions.

John T. Sabo, CISSP, Director, Global Government Relations, CA Technologies

John Sabo is Director, Global Government Relations for CA Technologies, providing expertise in the use of security and privacy technologies in trusted infrastructures.

Mr. Sabo is very active in industry-focused cyber security and critical infrastructure protection initiatives. He is a board member and past President of the Information Technology Information Sharing and Analysis Center (IT-ISAC); member of the IT-Sector Coordinating Council, where he also serves on the Executive Committee; and Immediate Past Chair of the ISAC Council, which addresses cross sector information sharing issues impacting national critical sectors. Mr. Sabo also serves as the chair of the IDtrust Member Section Steering Committee, established by the OASIS standards organization, and focusing on identity and trusted infrastructure technologies, policies, and practices.

Mr. Sabo is active in information privacy. He is an appointed member of the U.S. Department of Homeland Security's Data Privacy and Integrity Advisory Committee and is a past member of the Information Security and Privacy Advisory Board (ISPAB), a federal advisory committee managed by the National Institute of Standards and Technology. Mr. Sabo has also served as a member of the Privacy and Security Task Force organized by the National Governors Association Center for Best Practices and the State Alliance for e-Health. He is a board member and President of the non-profit International Security Trust and Privacy Alliance (ISTPA), which has published an operational privacy framework and other privacy-related studies. He served as editor and co-author of ISTPA's "Analysis of Privacy Principles: An Operational Study," published

in 2007.

conferences around the world.

Before working in the private sector, Mr. Sabo was Director of the U.S. Social Security Administration's Electronic Services Staff and recognized as a leader in the development of e-government services. He is an invited speaker at international security and privacy conferences, has authored published journal articles, and contributes to technical studies on security, privacy and trust issues. He holds degrees from King's College (Pennsylvania) and the University of Notre Dame, and is a Certified Information Systems Security Professional (CISSP).

Nat Sakimura, Senior Researcher, Nomura Research Institute

Nat Sakimura is a senior researcher specializing in digital identity at Nomura Research Institute, and is a co-chair of OASIS Open Reputation Management Systems TC. He is currently holding a position as the vice chair of the OpenID Foundation and a board member at Kantara Initiative and also serves as a member of various government committees in Japan.

Anil Saldhana, Lead Security Architect, Middleware, Red Hat Inc.

Anil Saldhana is the lead security architect for middleware at Red Hat Inc, overseeing the security development aspects of the middleware line of products at Red Hat. He represents Red Hat on many security related technical committees and working groups at OASIS, W3C and JCP. He is an elected member of the OASIS IDTrust Steering Committee as well as the co-chair of OASIS XSPA, EKMI, and IDCloud Technical Committees. He also is the secretary of the OASIS Security Services (SAML) Technical Committee and a frequent speaker/panelist at

Jerry Smith, Computer Scientist-International Standards Program (DISA), U.S. Department of Defense

Jerry Smith, Computer Scientist, leads the International Standards Program in the Defense Information Systems Agency (DISA), the Department of Defense's (DoD) Executive Agent for centralized life-cycle management of information technology standards. Mr. Smith coordinates the Department's participation in global public and private sector Information

Technology standards activities representing the U.S. at the national and international level. He has a BS degree from Michigan State University and MS degree in Regional Science from the University of California at Berkeley.

Thomas Carl Smith, Senior Professional Staffer, Johns Hopkins University Applied Physics Lab

Thomas Smith has been a member of The Johns Hopkins University (JHU) Applied Physics Laboratory's (APL) Senior Professional Staff since 1995 with a M.S. in Computer Science. He has an undergraduate degree in Zoology from the University of Maryland. He is a published medical research technician with fifteen years of experimental neurological laboratory experience at The Johns Hopkins Department of Neurosurgery. He has more than twenty-five years of IT industry experience covering medical, federal, commercial, and educational institutions. He has an extensive technical background in advanced reasoning systems, information representation, and reactive planning that includes twenty-two years of object oriented programming experience designing and developing complex decision support systems. He has publications in natural language processing and unmanned vehicle diagnostic and planning systems. He has been an instructor at the Johns Hopkins University's Whiting School of Engineering since 2002.



Thomas is currently the Chief Scientist for the Department of Homeland Security (DHS) Science & Technology Directorate's (S&T) Identity Management testbed data modeling effort at JHU/APL and has been specializing in Identity Management (IdM) since 2007. He provided technical leadership as the DHS S&T representative to Department of Defense (DOD) and Intelligence Community (IC) Authorization and Attribute Tiger Team (AATT) and continues that role as a member of the Authorization and Attribute Services Committee (AASC) follow-on.

Randeep Sudan, Lead ICT Policy Specialist, the World Bank

Randeep Sudan is a 'Lead ICT Policy Specialist' with the 'Global ICT Department' of the World Bank based in Washington DC. He currently leads the Department's practices for e-Government and IT industry development. In this role, he is responsible for strategy, organization and project operations globally. He is also involved in a leadership role for two global initiatives recently launched by the World Bank focused on ICT Skills Development, and Government Transformation. Prior to 2005 when he joined the World Bank, he held senior government positions in India, as a member of the Indian Administrative Service. He was Special Secretary to the Chief Minister for the state of Andhra Pradesh in India, and contributed to the State's emergence as a major player in e-government, and also to the development of its capital Hyderabad, as an important international technology hub. His areas of expertise include ICT policy, e-government, investment promotion, infrastructure development and public-private partnerships. He has taught at the Department of Informatics at the University of Oslo. He has a Master's degree from the London School of Economics.

Abel Sussman, Associate, Booz Allen Hamilton

Abel Sussman is part of Booz Allen Hamilton's IT Strategy Team, and is responsible for delivering information assurance and identity management solutions, especially through biometric development strategies, privacy protection and associated policy development. He serves as a subject matter expert to the Human Factors Division within the Department of Homeland Security Science and Technology Directorate (DHS S&T). Abel has over 15 years of technology experience and has been recognized by Assistant Secretary of State Maura Harty for his critical role in managing crisis situations. Mr. Sussman supports the efforts of the Department of Veterans Affairs (VA) efforts to continually evolve their enterprise identity management capabilities by contributing to the thought leadership to the Virtual Lifetime Electronic Record (VLER) project which will implement overarching Identity Services across VA and DoD administrations. Additionally Mr. Sussman has developed processes for the Department of Defense to assure compliance to federal Homeland Security Presidential Directive – 12 (HSPD-12) and Federal Information Processing Standards 201 (FIPS 201) guidelines.

Don Thibeau, Executive Director, The Open ID Foundation

Don Thibeau is the Executive Director of The Open ID Foundation, www.oidf.net an open source software identity standards organization representing leaders in internet, telco and social media technology. He joined the foundation at the beginning of 2009 to represent the organization worldwide and position it for long-term growth. Thibeau has a rich background in the data, identity and social layers of the phone and web channels. He has both enterprise and entrepreneurial management in exchange and consortium-based business models for data, analytics and web content. Thibeau has had senior management positions with leading organizations including

TransUnion, Reed Elsevier and LexisNexis. Thibeau is a frequent guest speaker and has testified before Congress on topics including data privacy and regulatory issues. He is a member of OASIS, a Booz Allen Distinguished Speaker, and former Presidential appointee and author of numerous articles.

Daniel Turissini, CEO, Operational Research Consultants, Inc.

Mr. Turissini is the CEO and founder of Operational Research Consultants, Inc. An inno-vator in systems engineering and integration he has focused ORC in the field of Information Assurance and Identity Management, providing integration & testing, operation & maintenance, and R&D for all aspects of Information Security. He has achieved Certificate Authority certifications across the Federal government, providing trusted eGovernment authentication capability and successful deployments of Federal Personal Identity Verification credentials for various Federal agencies. Mr. Turissini sits on the Board of Directors of the Federation for Identity and Cross-Credentialing Systems® (FiXs) where he chairs the FiXs Operations Committee, leading efforts in defining the requirements that need to be met for FiXs operations; and, concurrently, deploying a FiXs certified cre-dential issuance solution - fully posturing FiXs to fulfill its mission to establish and main-tain a worldwide, interoperable identity and cross-credentialing network built on security, privacy, trust, standard operating rules, policies and technical standards. He holds a Bachelor of Science degree in Marine Engineering and Nautical Science from the US Merchant Marine Academy and a Masters in Engineering Administration from The George Washington University.

David Turner, Microsoft Corporation

(bio available online)

Maria Vachino, Senior Systems Engineer, Johns Hopkins University Applied Physics Lab

Maria Vachino has been a member of The Johns Hopkins University (JHU) Applied Physics Laboratory's (APL) Professional Staff since 2006 with a B.S. in Computer Science and is currently completing her Master's degree in Computer Science at Johns Hopkins with a focus on Information Assurance. She is an information technologist and software engineer with experience in C2 (Command & Control) prototyping and experimentation, Identity Management, Service Oriented Architectures and web service development. She is currently Chief Engineer for the DHS Science & Technology Directorate's Identity Management data modeling effort at the Johns Hopkins University Applied Physics Lab, focusing on the technical and policy challenges of federated identity and access control management. Within APL, she is a consultant for the APL SOA/IdM Testbed, an environment that has been set up to test, evaluate and explore best practices relevant to SOAs, Identity Management, Transport Architectures, Enterprise Management and Performance and supports a variety of sponsors on a number of projects related to Identity Management.

Simon Wakely, Vice President of Sales and Business Development, Giesecke & Devrient

Simon Wakely is Vice President of Sales and Business Development for Giesecke & Devrient's elDentity Business Unit, responsible for driving the market adoption of G&D identity assurance solutions. As part of the leadership team, Simon is also a key contributor to future innovation at G&D addressing the constantly changing threat vectors in the online world.

Prior to joining G&D, Simon was the Vice President of Business Development and OEM Sales at ActivIdentity where he was instrumental in forging industry collaborations bringing disparate technologies together to form solution bundles which were embraced by the market. Simon was also responsible for executing a number of multi-million dollar OEM transactions during his employment at ActivIdentity, most notably with HP, Konica, VeriSign and Novell. Throughout Simon's 18 year tenure in the information security software sector he has held various sales and sales management positions at companies including Baltimore Technologies, Hewlett-Packard and RSA Security.

Colin Wallis, Identity Standards Manager, Government Technology Services at the State Services Commission, New Zealand Government

Colin Wallis has been involved in the New Zealand Government's online IAM Programme since 2004. This follows five years in the UK, where he worked on the UK eGIF and private sector eBusiness initiatives. Today, Colin holds leadership positions across the consortium space in the area of online Identity. In OASIS, he sits on the Steering Committee of the eGov Member Section, and on the Technical Committees of Security Services, Customer Information and Identity in the Cloud. In the Kantara Initiative, Colin Chairs the eGov work group, represents eGov on the Leadership Council and, in turn the Leadership Council on the Board of Trustees. In ITU-T, he sits on the correspondence group for Study Group 17 working on Identity Management. In UN/CEFACT, he sits on TBG19, the eGov work group currently focusing on eProcurement and eArchiving. In ISO JTC1 SC27, Colin is an acknowledged subject matter expert on identity and privacy in Working Group 5, typically taking the role of NZ's Head of Delegation.

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http://www.oasis-idtrust.org/

OASIS Dtrust

25 Corporate Drive
Suite 103
Burlington, MA 01803-4238

Phone: 978-667-5115

Fax: 978-667-5114

E-mail: dee.schur@oasis-open.org

www.oasis-open.org

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