Conference Program and Registration Brochure

The global hub for advanced identity technologies: biometrics, secure credentials and digital identity systems

- The Launchpad – Identity in a brave new world
- Identity technology at the heart of next-generation banking solutions
- Proof of identity: New approaches to delivering government and commercial services online
- The cyber security crisis: Rising to the challenge
- Physical tokens of trust: Taking secure credentials to the next level
- Border security: Identity matters
- Lightning Talks – Next-generation authentication technology for the digital age
- Facilitating the hyper-mobility of travellers: Enhancing trust, convenience and security
- Healthcare: Opening up new opportunities with 21st century identity technology
- Fishbowl Debate: Identity in the service of development
- The internet of ‘everybody’ and ‘everything’: Identity matters in a hyper-connected world
- Countering Identity fraud: Technologies and techniques
- Enabling DHS missions through biometrics: OBIM customers and services
- Meet the Media – Hosted by Juan Williams
- The ‘why’ behind complex privacy controls
- connect:ID Spotlight: Facial recognition
- Mobile identity in the field of play
- Mobile identity in the digital realm

www.connectidexpo.com
Identity is a multi-faceted concept. Enabling, disruptive, powerful, valuable.

The fastest-growing phobia is the fear of not having your mobile device on you.
15:00 Case Study – Multi-modal biometric authentication (voice+face) for mobile commercial banking

- Wells Fargo has successfully launched a way for Wells Fargo corporate customers to login to their banking mobile app utilizing technology from SpeechPro that recognizes individual features of the human voice and face;
- This presentation discusses the history of this deployment, the key benefits to clients, and the use and effects of 'token and password-free' access by account holders.

**Andy Foote**, VP/Strategist, Innovation Research and Development, Wholesale Banking, Wells Fargo, USA

Enabling the web economy through trusted identities

- An electronic ID (eID) is needed for citizens to transact online securely, with privacy protection and the same ability to verify identity as in face-to-face interactions;
- Trust that individuals are who they claim to be is necessary to enable the growing web economy, while ensuring the protection of our identities online;
- The State of North Carolina, MorphoTrust and a team of carefully selected partners will collaborate to test a driver license equivalent proof-of-identity for online transactions.

**David Ulmer**, Chief Information Officer, NC Department of Transportation, USA

**Mark DiFraia**, Senior Director, Solutions Strategy, MorphoTrust, USA

15:20 Biometric authentication in banking and payments – How Latin America is leading the way

- Case study #1 – Fraud prevention by banks using biometrics;
- Case study #2 – Authentication as a service;
- What can we learn from these Latin American deployments?

**David Benini**, Vice President of Marketing, Aware Inc., USA

**Carlos Collodoro**, CEO, TSM Technology Ltd., Brazil

Identity as a Service – Trusted, interoperable, user-centric

- A technical and business overview of the Attribute Exchange Network (AXN), a cloud-based infrastructure for enabling trusted, interoperable, user-centric identity as a service;
- Services include real-time attribute, device, biometric and other attribute verification;
- Attribute-based access control (ABAC) services can be enabled for federated access to sensitive enterprise content using verified user attributes; online businesses and retailers can verify user affiliation to provide benefits/discouts and enable secure payment transactions.

**Dave Coxe**, CEO, ID Dataweb, USA

15:40 Question and Answer Session

15:45 Afternoon Coffee and Tea

16:00 The cyber security crisis: Rising to the challenge

**Session Chairman’s Introduction**

16:10 Critical roles of cyber security and counterintelligence in identity management

- Current state and trends of external and internal threats;
- Multi-layer defense strategies;
- Strong authentication and continuous authentication.

**Breeder documents – Closing the gap in the identity management chain**

- Breeder documents are quite often counterfeited as forgers and criminals aim at the weakest link in the identity chain;

**Suzanne Spaulding**, Under Secretary, National Protection and Programs Directorate, Department of Homeland Security (DHS), USA

16:35 Moving beyond passwords with active authentication

- The Active Authentication (AA) platform aims to supplanted dependency on legacy passwords and smartcards;
- The AA platform continuously collects, fuses, scores, and produces layered fidelity rankings based on multiple aspects of an individual;
- An overview of novel, software-based cognitive and behavioural modalities currently in advanced research and development, and integrated into the AA platform.

**Debbie W. Waung**, Cyber, SIGNIT, and Identity Discovery Division, Novetta, Solutions, USA

16:55 Cyber vulnerabilities of biometrics

- Biometric authentication scenarios: Is there a necessary trade-off between convenience and security?
- Cyber-attack vectors that affect biometric authentication systems;
- How to mitigate the vulnerabilities.

**Bojan Simic**, CTO, HYPR Corp., USA

17:15 Question and Answer Session

17:20 Keynote

**Introduced by Clark Nelson**, Senior Vice President, MorphoTrak

**Identity: A 21st century gatekeeper for critical infrastructure and beyond**

- A look at the role of identity and how it enables access and protection of critical infrastructure in today’s hyper mobile and digital world;
- Identity services are the key.

**Suzanne Spaulding**, Under Secretary, National Protection and Programs Directorate, Department of Homeland Security (DHS), USA

17:40 Keynote Question and Answer Session

17:45 End of Day One
Tuesday – 24 March 2015

08:45 Introduction
Robert M. Harbour, Chairman and President, International Biometrics & Identification Association, USA

08:50 Keynote
The FIDO authentication revolution: News from the front
- Where are we on this journey to the future of online authentication?
- Is FIDO authentication delivering on its promise to be both easier and more secure?
- FIDO Standards Roadmap today and tomorrow.
Brett McDowell, Executive Director, FIDO Alliance, USA

09:10 Keynote
Tracking visa overstays: Biometric exit
Congressman Louis J. Barletta, Pennsylvania’s 11th Congressional District, USA
- When people talk about illegal immigration, most think about the southern border;
- In fact, about 40% of illegal immigrants present in the USA are here illegally because they overstayed a visa;
- Further, overstaying a visa is the preferred method of entry for terrorists;
- A comprehensive biometric exit program is essential to fully secure our borders;
- The Department of Homeland Security must implement a biometric exit program, including fingerpints, as already required by law.

09:30 Keynote Question and Answer Session

09:40 Panel Debate
Border security: Identity matters
This panel, introduced by Ramsey Billups, CBP, Federal Systems, 3M Cogent, will examine the mix of complex and interrelated issues involved in effectively managing the flow of people across borders. This includes such issues as security, identification of people, secure credentials, workplace verification, internal enforcement, trade and commerce facilitation. Although we tend to treat these issues as distinct, they are invariably not. Our panelists will help the audience to understand the big picture and learn how various components impact each other.

Arun Vemury, Director, Apex Air Exit Exit Re-engineering at US Department of Homeland Security (DHS), USA
Bob Davidson, Head, Aviation Facilitation, IATA, USA
Richard Outland, Technical Delivery Consultant, Government Programs, Gemalto, USA
Gordon Wilson, President, WorldReach Software, Canada
Michael Hardin, Deputy Director, Entry/Exit Office, Office of Field Operations, Department of Homeland Security, USA

Lightning Talks
Next-generation authentication technology for the digital age
Biometric-based credit cards: Fact or fiction?
- Zwipe Mastercard project, from concept to pilot;
- Biometric credit card consumer feedback;
- What comes next...a global rollout.
Robert Fee, Director, Sales & Business Development, Zwipe, USA

- Differences and similarities between BOPS and FIDO;
- Important: End-to-end security goes well beyond identity!
- Why the BOPS approach succeeded through the IEEE approvals process.
Scott Streit, Professor of Computer Engineering and Computer Science, Villanova University, USA

Lightning Talks (continued)
Next generation authentication using on-card gesture recognition
- On-card gesture recognition technology enables users to authenticate during transactions without the need for any additional infrastructure, simply by capturing their gesture on the surface of the card;
- This concept allows for transactions to be performed with a consistent level of security across any infrastructure.

Stefan Barbu, Head of Secure ID Americas, NXP Semiconductors, USA
The post-password era: How to strengthen your identity to avoid a crisis
- Data breaches are occurring daily and passwords are no longer an effective method to protect data;
- The methods of compromising passwords evolve daily, but the core defensive tactics to secure them remain the same;
- The ‘Post-Password Era’ means moving to a universal, standards-based, multi-authentication system involving more than a password.

Jason Hart, CEO and Director, Identiv, USA
Goodbye password, hello secure identification
- How deep can identity go? Iris, facial, fingerprint, text or beyond?
- How tightly can biometrics be coupled to identity?
- Can biometrics become revocable? How?
- What if identification became certain, even absolute?
- What are some of the likely social, political, economic and environmental implications?
Robert E. Stewart, Sr., Chief Operating Officer, Sonavation, USA

10:35 Coffee, Tea and Exhibition Viewing

Facilitating the hyper-mobility of travellers: Enhancing trust, convenience and security
Healthcare: Opening up new opportunities with 21st century identity technology

11:00 Session Chairman’s Introduction
Stefan Barbu, Head of Secure ID Americas, NXP Semiconductors, USA
The future of today’s travel documents
- Secure document technologies;
- Passport standards;
- Supporting infrastructure components to secure borders and identities.
Tim Klabunde, Director of Government Identification Solutions, Entrust Datacard, USA

Session Chairman’s Introduction
Secure ID tokens alleviate the root cause of misidentifcation and inaccurate patient data
- One root cause of healthcare waste, fraud and abuse starts with unreliable ID management;
- The significance of interoperable identity for the government, insurance companies and providers using credentialing tokens;
- How ID tokens meet healthcare regulations while establishing the foundation for protecting against fraud, diminishing keystroke errors and misidentification, and eliminating the creation of duplicate records.
David Batchelor, Vice Chair and Acting Chairman of Health and Human Services Council, Board Member Smart Card Alliance, and Co-Company Founder of Medical Identity Fraud Alliance, USA
### Conference Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>11:30</td>
<td>Integrating air, land and sea borders through the use of biometrics and self-service</td>
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<td>- Self-service biometric collection is the key to technology adoption at border crossings;</td>
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<td>- New multi-biometric airport systems address multiple use cases by playing on the strengths and weaknesses of individual modalities;</td>
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<td>- Government is the orchestrator of border security schemes deployed at air and land locations where one solution does not fit all.</td>
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<td><strong>Jeff Lennon</strong>, Director Global Business Development, Vision-Box, Portugal</td>
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<td>11:50</td>
<td>UAE border control – A successful past and a promising future</td>
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<td>- Five major airports in the UAE will benefit from advanced border control technology to facilitate trade and travel;</td>
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<td>- Discover how advances in contactless biometrics (face, finger, and iris) enable rapid processing at border crossings;</td>
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<td>- Learn how centralized management of eGate technology provides real-time visibility into operations.</td>
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<td><strong>Steve Vinsik</strong>, Vice President, Criminal Justice and Public Security Business Unit, MorphoTrak, USA</td>
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<td>12:10</td>
<td>Question and Answer Session</td>
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<td>12:20</td>
<td>Keynote</td>
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<td>Introduced by <strong>John Mears</strong>, IBIA Director, Lockheed Martin Senior Fellow</td>
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<td>Working together to counter the cyber threat</td>
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<td>- Today’s cyber actors pose new and increasingly complex threats to our country;</td>
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<td>- From nation states to criminal groups and individuals, these cyber actors find themselves virtually unrestricted, able to launch attacks from all over the world at literally the speed of light;</td>
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<td>- Join Assistant Director <strong>Joseph M. Demarest</strong> as he conveys the many ways that you and the FBI can work together to identify, pursue, and defeat the cyber adversary.</td>
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<td><strong>Joseph M. Demarest</strong>, Assistant Director, Cyber Division, Federal Bureau of Investigation (FBI), USA</td>
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<td>12:40</td>
<td>Keynote Question and Answer Session</td>
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<td>12:45</td>
<td>Lunch and Exhibition Viewing</td>
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<td>13:45</td>
<td>Fishbowl Debate: Identity in the service of development</td>
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<td><strong>Session Leader Introduction</strong>: <strong>Alan Gelb</strong>, Senior Fellow, Center for Global Development, USA</td>
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<td><strong>ID systems in developing countries: Effective but trusted?</strong></td>
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<td>- Digital ID technology is increasingly used in developing countries and promises large gains;</td>
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<td>- This trend exposes ‘legal gaps’ in data privacy legislation and the rule of law;</td>
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<td>- The identity industry needs to help ensure that its products are trusted, as well as effective.</td>
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<td><strong>Alan Gelb</strong>, Senior Fellow, Center for Global Development, USA</td>
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### Additional Sessions

**Bio-key**

- **ID systems in developing countries: Effective but trusted?**
- **Bio-key**
  - **Governments are increasingly using multi-modal technology platforms not only to count citizens, but also to optimize governance;**
  - **Fragile states are establishing a direct relationship with their citizens cutting out the intermediaries. The result: a reduction of trust deficit between State and Citizens and improved service delivery;**
  - **How Pakistan created one of the world’s largest multi-biometric citizens’ data warehouses.**
  - **Tariq Malik**, Former Chairman, National Database & Registration Authority, Pakistan; Senior Consultant, Government Systems Teradata Corporation, USA

**The role of identification in the post-2015 development agenda and the World Bank Group’s ID4D initiative**

- **The World Bank Group’s ID4D initiative**
- **Recognizing that identity is a key enabler for achieving development outcomes, the World Bank Group has recently launched the Identification for Development (ID4D) initiative;**
- **The ID4D agenda builds on previous efforts led by World Bank teams in collaboration with external partners and client counterparts;**
- **The presentation will describe the cross-sectoral approach to work closely with other development partners in providing unified technical and financial support to low- and middle-income countries on ID4D activities.**
- **Teradata Corporation, USA**
- **Creating a sustainable person-centric identity management solution – Take a step back and look at the foundations**
  - **CRVS – The impact on international travel and the risks of building without a foundation;**
  - **A sound CRVS system as a facilitation and safety mechanism at borders – It’s all about the data;**
  - **CRVS as the foundation of a Digital ID.**
- **Sophie Taylor**, Programme Lead - Civil Registration and Vital Statistics, De La Rue, UK

**Leveraging public service and security using national eID**

- **Identity, reputation and trust lead to legitimate authentication of public service delivery, improve citizen security, combat crime and terrorism;**
- **Indonesian national eID deployment in 2011-2013 will become the foundation of all government services, from air-crash victim identification to subsidizing food to poor families;**
- **Innovative chip-to-cloud solutions being planned by the Indonesian government will be presented.**
- **Hamham Riza**, Deputy Chairman for IT, Energy and Material, Agency for the Assessment and Application of Technology (BPPT), Indonesia
15:30 Internet of Things and digital identities, the perfect combination

A road-map for connecting, CEO, PA Consulting, USA

Will mobile authentication have arisen. Issues and opportunities that converge and address the need for a new approach to digital identity management? The internet of 'everybody' and 'everything' – what are the implications for the future of wearables and identity management within DHS, and the corresponding levels of assurance (EU, US and Rest of World).

Why eID and authentication are not the same thing and the problems (and potential implications) of confusing the two;

The opportunity to use the eID document/secure element to add a further level of assurance for commercial eService access and transactions;

An overview of the current SIA Proof of Concept – Achievement of QAAN level according to STORK referential (Qualified ID).

Stephanie Delabriolle, Director, Secure Identity Alliance, France

Jean-Claude Perrin, Secretary General, Secure Identity Alliance, France

16:30 Facing the opportunities and challenges of the rapidly proliferating Internet of Everything

The projections are that 25 billion devices will be connected in 2020 – what security and authentication capabilities are needed in IOE devices to protect users and ensure the integrity of their devices, identities and data without compromising user experience?

How will the pervasiveness of mobile wireless technology help to enable new platforms, applications and opportunities in the world’s markets?

How can we enable biometrics in platforms to bring intelligent, secure and easy-to-use connectivity to the Internet of Everything?

William A. Maheu, Senior Director, Qualcomm Government Technologies, USA

16:50 Question and Answer Session

17:00 Panel Session

Enabling DHS missions through biometrics: OBIM customers and services

The Office of Biometric Identity Management (OBIM) will host an interactive presentation with several existing current OBIM customers within the Department of Homeland Security to provide an overview of how biometric identity services are embedded into and enable these critical missions.

This session will highlight OBIM services and standards, the role of identity management within DHS, and the recent onboarding of new several new organizations.

Session led by Kenneth Gantt, Acting Deputy Director, Office of Biometric Identity Management (OBIM), Department of Homeland Security (DHS), USA

Panelists:

Paul Hunter, Deputy Chief, Biometrics Division, US Citizenship and Immigration Services (USCIS), USA

Deborah Kent, Executive Director, Laissez Officier, Transportation Security Administration (TSA), USA

Kim Mills, Director, Entry/Exit Transformation Office, Office of Field Operations, US Customs and Border Protection, USA

Antonia Trindade, Associate Chief, Enforcement Systems, US Border Patrol, US Customs and Border Protection, USA

Lt Tony Mord, Mission Manager, Biometric Enabled Identity Program, US Coast Guard, USA

17:45 Welcome Address, followed by Evening Reception Party

18:45 Close of Day Two
Wednesday – 25 March 2015

09:00 Meet the Media
Hosted by Juan Williams and introduced by Bill Maheu, Senior Director of Strategic Development, Qualcomm, USA
Sponsored by Qualcomm

This exciting session is hosted by renowned journalist and political analyst for Fox News – Juan Williams. He will lead a wide-ranging discussion with prominent journalists, covering issues of great importance to the identification technology industry – including borders and immigration, big data and privacy, and cybersecurity.

This is a rare opportunity for conference attendees to experience a unique perspective, as the panel members share their thoughts, based on years of experience, expertise, and first-hand relationships with the key decision makers in DC.

Confirmed panelists include:
Bob Cusack, Editor-in-Chief, The Hill, USA
Shaun Waterman, Editor, POLITICO Pro Cybersecurity, USA
Catherine Herridge, Chief Intelligence Correspondent, Fox News, USA

10:00 Coffee, Tea and Dedicated Exhibition Viewing

10:30 Expert Discussion – The why behind complex privacy controls
An interactive look at privacy by design and why protections must be built into future 21st century systems. Take part in a dynamic discussion about the use of privacy controls for biometric identity services, impacts to Personably Identifiable Information (PII), and how safeguards can protect an individual’s privacy and civil rights and civil liberties.

Moderator: Emily Andrew, Senior Privacy Officer, National Protection and Programs Directorate, Department of Homeland Security (DHS), USA

Panelists:
Chris Colabrese, Senior Policy Director, Center of Democracy and Technology (CDT), USA
Kathryn Suchma, Science and Technology Advisor/Physical Scientist, Office of the Director of National Intelligence (ODNI)/FBI Laboratory, USA
Michael Garcia, Deputy Director, National Strategy for Trusted Identities in Cyberspace, National Institute of Standards and Technology, US Department of Commerce, USA

11:30 Dedicated Exhibition Viewing and Lunch (served at 12:00)

13:00 connect-ID Spotlight: Facial recognition
Moderator: B. Scott Swann, Senior Director of Innovation, MorphoTrak, USA
John B. Morris, Jr., Associate Administrator and Director of Internet Policy, Office of Policy Analysis and Development, National Telecommunications & Information Administration, USA
Eric Hess, Senior Biometric Product Manager, Face Recognition, NEC Corporation of America, USA
Kathleen Carroll, VP Corporate Affairs, HID Global, USA
Scott Greenwood, Constitutional Rights Attorney, General Counsel, American Civil Liberties Union, USA

14:00 Coffee, Tea and Exhibition Viewing

14:25 Mobile identity in the field of play

14:30 Advancements in mobile ID technology
- Smart phones and tablets are now widely deployed in law-enforcement agencies;
- What are the requirements for smart phone-based mobile identification solutions and what are the challenges;
- Understand the various hardware options and the latest multimodal technology that will empower these mobile devices for field identification and even investigation.

John Dowden, Senior Product Manager, NEC Corporation of America, USA

14:50 Mobile identity management: Beyond the device
- Mobile identity management devices are proliferating at a rapid rate across multiple verticals and applications, and with this mobilization comes a unique set of challenges;
- This presentation discusses these mobile identity management challenges beyond the device (cell phone, tablet, purpose-built handheld, etc.);
- What are the applications, workflows, security and management software requirements when deploying and administering identity management solutions in a mobile environment?

Frank Fernandez, Vice President, Market Solutions Manager, Law Enforcement and Defense, Crossmatch, USA

15:10 Question and Answer Session

15:20 Challenges in current authentication solutions and how mobile and operators can solve these issues
- Digital identity is one of today’s key strategic issues for governments, regulators and commercial organizations across the world. But as the number of digital identities grows, so do the risks;
- The challenge is to ensure citizens are adequately protected online – and this requires the development of identity management solutions that extend beyond user name and password;
- Mobile identity represents a powerful platform through which to achieve these aims.

Ray Kimble, Personal Data Project Manager, GSM Association, USA

15:40 Digital identity on the go
- Who are you? The importance of digital credentials in a mobile world;
- What are you? Securing connected devices;
- Authentication using virtual smart cards, derived PIV credentials and machine certificates.

Chris Edwards, CTO, Intercede, UK

16:00 Question and Answer Session

16:05 Closing Remarks
Tovah LaDier, IBIA Managing Director, Principal, Carroll & LaDier, USA

16:10 Close of Conference