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# connect:ID 2017

Walter E. Washington Convention Center, Washington, DC, USA  
Conference: May 1-3, 2017 · Exhibition: May 2-3, 2017

# Conference Guide



4th Edition



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# Monday May 1, 2017




12:30pm	<b>Conference Introductions</b>		<i>Innovators Platform (Ballroom C)</i>
	<p><b>Mark Lockie</b>, Managing Director, Science Media Partners, UK  <b>Tovah LaDier</b>, Managing Director, International Biometrics + Identity Association (IBIA), USA</p>		
12:40pm	<b>Opening Remarks – State of the identity nation</b>		<i>Innovators Platform (Ballroom C)</i>
	<p><b>Laura Hart</b>, Vice President Business Operations, Qualcomm Cyber Security Solutions (QCSS), USA</p>		
12:55pm	<b>Opening Keynote Address</b>		<i>Innovators Platform (Ballroom C)</i>
	<p><b>CBP's commitment to innovation: Revolutionizing border security through technology</b>  <b>Kevin K. McAleenan</b>, Acting Commissioner, US Customs and Border Protection, Department of Homeland Security, USA</p>		
1:25pm	<b>Ethical uses of (automated) identity data as a social good</b>		<i>Innovators Platform (Ballroom C)</i>
2:20pm	<b>Refreshment Break</b>		<p>Sponsored by:  <b>BIO-key™</b>  <small>Revolutionizing Authentication</small> <i>Concourse, Level 3</i></p>
2:50pm	<b>Identity proofing and vetting in focus</b>	<i>Room 207A</i>	<p><b>Facilitating secure travel</b></p>
4:40pm	<b>Comfort Break</b>		
4:50pm	<b>Product Launch Pad: The next wave of biometric capture – NOMAD™</b>		<p><i>Innovators Platform (Ballroom C)</i></p>  <small>The world identifies with us.</small>
5:00pm	<b>Special Topic Session: Disruptive global trends and the role of effective identity technology</b>		<i>Innovators Platform (Ballroom C)</i>
6:00pm	<b>IBIA Reception</b>		 <b>International Biometrics+Identity Association</b> <i>Concourse</i>
7:30pm	<b>Close of Day 1</b>		

## Tuesday May 2, 2017

8:30am	<b>Keynote Address</b>		<i>Innovators Platform (Ballroom C)</i>
	Recent developments in motor vehicle department technologies for ID verification and management – 'This isn't your grandfather's driver license'		
	<i>Ray Martinez, Chairman and Chief Administrator, New Jersey Motor Vehicle Commission (MVC), USA</i>		
8:55am	<b>Congressional Chairman Keynote Address:</b>		
	<b>Vetting, screening and border security: The role of biometrics</b>		<i>Innovators Platform (Ballroom C)</i>
	<i>Congressman Michael T. McCaul (TX-10), Chairman, House Committee on Homeland Security, USA</i>		
9:20am	<b>Fireside Chat</b>		<i>Innovators Platform (Ballroom C)</i>
	<i>Congressman Scott Peters (CA-52), House Energy and Commerce Committee, USA and Bill Maheu, Senior Director of Business Development, Qualcomm Cyber Security Solutions (QCSS), USA</i>		
9:35am	<b>Congressional Staff Panel</b>		<i>Innovators Platform (Ballroom C)</i>
	<b>New policy perspectives on borders, immigration, and extreme vetting</b>		
10:15am	<b>Refreshment Break</b>		Sponsored by:  <i>Expo Hall</i>
10:40am	<b>Credentials for today, tomorrow and beyond</b>	<i>Room 207A</i>	<b>Enabling secure financial transactions, eradicating fraud</b> <i>Room 207B</i>
12:10pm	<b>Exhibition Viewing and Lunch</b>		Sponsored by:  <i>Expo Hall</i>
1:20pm	<b>OPEN SESSION FOR ALL CONNECT:ID CONFERENCE AND EXPO ATTENDEES</b>		<i>Innovators Platform (Ballroom C)</i>
	<b>Keynote Address:</b>		
	<b>Privacy for 2017 and beyond...</b>		
	<i>Jules Polonetsky, CEO and Executive Director, Future of Privacy Forum, USA</i>		

1:45pm	<b>Privacy for 2017 – An Industry Perspective...</b> <i>John Mears, Director of IBIA, Senior Fellow, Leidos Corporation, USA</i>		Innovators Platform (Ballroom C)
2:00pm	<b>Time to fast forward evolution – A Darwinian view on human identities &amp; trust</b> <i>David Costa Faidella, Director, Strategic Product Management, Thomson Reuters, UK</i>		Innovators Platform (Ballroom C)
2:40pm	<b>Achieving strong identity authentication in the online environment</b> <i>Room 207A</i>	<b>Technology in the service of health</b> <i>Room 207B</i>	
3:50pm	<b>Refreshment Break</b>		<i>Sponsored by:</i>  <i>Expo Hall</i> <small>Revolutionizing Authentication</small>
4:20pm	<b>Panel Discussion: Building trust, confidence, and acceptance in biometric technologies</b> <i>Room 207A</i>	<b>Panel Discussion: Accuracy and reliability of biometrics in mobile devices</b> <i>Room 207B</i>	
5:30pm	<b>Close of Day 2</b>		

## Wednesday May 3, 2017

8:45am	<p><b>Keynote Address:</b></p> <p><b>CBP's strategic approach to reengineering Entry/Exit and transforming the travel experience</b></p> <p><b>John Wagner</b>, Deputy Executive Assistant Commissioner, Office of Field Operations, US Customs and Border Protection, USA</p>	<i>Innovators Platform (Ballroom C)</i>
9:10am	<p><b>Special Topic: Accomplishing airport transformation through biometric Entry/Exit</b></p>	<i>Innovators Platform (Ballroom C)</i>
10:10am	<p><b>Special Topic: Principles on identification for sustainable development: Toward the digital age</b></p>	<i>Innovators Platform (Ballroom C)</i>
11:00am	<p><b>Refreshment Break</b></p>	<p>Sponsored by:  Expo Hall</p>
11:25am	<p><b>Future ID</b></p>	<i>Innovators Platform (Ballroom C)</i>
1:00pm	<p><b>Exhibition Viewing and Lunch</b></p>	<p>Sponsored by:  Expo Hall</p>
2:00pm	<p><b>Debate: Facial recognition and law enforcement: Technology and policy</b></p>	<i>Innovators Platform (Ballroom C)</i>
3:00pm	<p><b>Refreshment Break</b></p>	<p>Sponsored by:  Expo Hall</p>
3:25pm	<p><b>Special Topic: DHS multimodal biometric identity services and data sharing: Today and into tomorrow</b></p>	<i>Innovators Platform (Ballroom C)</i>
4:25pm	<p><b>Closing Remarks</b></p> <p><b>Robert M. Harbour</b>, Chairman and President, International Biometrics + Identity Association (IBIA), USA</p>	<i>Innovators Platform (Ballroom C)</i>
4:30pm	<p><b>Close of Conference</b></p>	

# Monday May 1, 2017

<p>12:30pm</p>	<p><b>Conference Introductions</b> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <p><b>Mark Lockie</b>, Managing Director, Science Media Partners, UK  <b>Tovah LaDier</b>, Managing Director, International Biometrics + Identity Association (IBIA), USA</p>	
<p>12:40pm</p>	<p><b>Opening Remarks – State of the identity nation</b> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <p><b>Laura Hart</b>, Vice President Business Operations, Qualcomm Cyber Security Solutions (QCSS), USA</p>	
<p>12:55pm</p>	<p><b>Opening Keynote Address</b> <span style="float: right;">Innovators Platform (Ballroom C)</span>  <b>CBP's commitment to innovation: Revolutionizing border security through technology</b></p> <p><b>Kevin K. McAleenan</b>, Acting Commissioner, US Customs and Border Protection, Department of Homeland Security, USA          Introduced by: <b>John Mears</b>, Director, International Biometrics + Identity Association (IBIA), Senior Fellow, Leidos Corporation, USA</p>	
<p>1:25pm</p>	<p><b>Ethical uses of (automated) identity data as a social good</b> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <ul style="list-style-type: none"> <li>• Benefits of identity data to social and community interests;</li> <li>• The importance of ethical uses of data in support of those benefits;</li> <li>• Exploring the ethical questions and considerations surrounding biometric technologies and data.</li> </ul> <p>Moderator: <b>John Verdi</b>, Vice President of Policy, Future of Privacy Forum, USA          Panelists: <b>Kimberly Gray</b>, Chief Privacy Officer, Global, Office of the General Counsel, QuintilesIMS, USA  <b>Mohammed Murad</b>, VP Global Sales and Business Development, Iris ID, USA  <b>JoAnn Stonier</b>, EVP/Chief Information Governance &amp; Privacy Officer, Mastercard, USA</p>	
<p>2:20pm</p>	<p><b>Refreshment Break</b> <span style="float: right;">Sponsored by:  Concourse</span></p>	
<p>2:50pm</p>	<p><b>Identity proofing and vetting in focus</b> <span style="float: right;">Room 207A</span></p> <ul style="list-style-type: none"> <li>• Establishing claims of identity – Credentials, biometrics, biographics...</li> <li>• Establishing suitability – Background checks, biographic and/or biometric;</li> <li>• Limiting identity theft and fraud;</li> <li>• Managing ongoing vetting.</li> </ul>	<p><b>Facilitating secure travel</b> <span style="float: right;">Room 207B</span></p> <ul style="list-style-type: none"> <li>• Streamlining the passenger experience;</li> <li>• Technological advancements;</li> <li>• Political challenges.</li> </ul>

<p>2:50pm</p>	<p><b>Session Chairman's Introduction</b></p> <p><b>Neville Pattinson</b>, Senior Vice President of Government Sales, North America, Gemalto, USA</p>	<p><b>Session Chairman's Introduction</b></p> <p><b>Teresa Wu</b>, Senior Director, Strategic Marketing &amp; Government Relations, MorphoTrak, USA</p>
<p>2:55pm</p>	<p><b>Establishing claims of identity – Credentials, biometrics, biographics</b></p> <ul style="list-style-type: none"> <li>• Growing need for new innovative ways to prove 'You Are Who You Say You Are';</li> <li>• Challenges that the public and private sectors are facing, and how LexisNexis helps their customers with their various authentication challenges.</li> </ul> <p><b>David Buchler</b>, Director, Identity Management – Multifactor Authentication Products, LexisNexis, USA</p>	<p><b>Passenger facilitation at the airport: Challenges and opportunities abound</b></p> <ul style="list-style-type: none"> <li>• Airports in the United States have experienced consistent strong growth in passenger volume for almost ten years straight;</li> <li>• Industry has worked in collaboration with U.S. CBP to implement technological solutions to mitigate excessive wait times;</li> <li>• The Congressional mandate to implement a biometric exit program at borders around the U.S., and airports is now under discussion.</li> </ul> <p><b>Matthew J. Cornelius</b>, Vice President, Air Policy, Airports Council International – North America, USA</p>
<p>3:20pm</p>	<p><b>Federal background investigations – The way forward</b></p> <ul style="list-style-type: none"> <li>• The National Background Investigations Bureau (NBIB) is building greater investigative capacity, optimizing business processes, and implementing automated solutions;</li> <li>• Additionally, NBIB is collaborating with the national community on a number of initiatives that will have a positive impact throughout the security ecosystem;</li> <li>• The future will harness the power of technology, delivering timely and thorough investigative products to meet the evolving needs of the federal community.</li> </ul> <p><b>James Onusko</b>, Deputy Assistant Director, Federal Investigative Records Enterprise, National Background Investigations Bureau, Office of Personnel Management, USA</p>	<p><b>Airport screening and security of the future</b></p> <ul style="list-style-type: none"> <li>• Airport screening and security are in the midst of a technological transformation;</li> <li>• There has been a concerted effort to increase passenger throughput while preserving security, protecting passengers, and increasing convenience;</li> <li>• This talk examines recent and future technology trends expected to bring change to screening and security at airports across the United States, focusing on technology deployed from the curb to a traveler's destination.</li> </ul> <p><b>Benji Hutchinson</b>, Senior Director, NEC Corporation of America, Inc., USA</p>

<p>3:45pm</p>	<p><b>Stopping the ID-crime flood...Continue to plug or start anew?</b></p> <ul style="list-style-type: none"> <li>• A summary of the ID verification/vetting challenge facing the DMV community;</li> <li>• What has worked and failed?</li> <li>• Where are the technological gains/improvements coming from and where do they point to?</li> </ul> <p><b>Geoffrey Slagle</b>, Director – Identity Management, American Association of Motor Vehicle Administrators (AAMVA), USA</p>	<p><b>Is digital verification sufficient at our borders?</b></p> <ul style="list-style-type: none"> <li>• Are electronic check routines on travel documents sufficient at automatic border controls?</li> <li>• Can complex physical security features be inspected using standard machines and processes?</li> <li>• New approaches to enhance optical check routines at automatic borders.</li> </ul> <p><b>John Peters</b>, New Business Development Manager, OVD Kinegram, Switzerland</p>
<p>4:10pm</p>	<p><b>Rap Back recurrent vetting – What it is and how it works</b></p> <ul style="list-style-type: none"> <li>• What is the FBI's Rap Back service for fingerprint-based recurrent criminal vetting?</li> <li>• Understand how the system works;</li> <li>• Lessons learned during the Transportation Security Administration's (TSA) initial deployment for its regulated population of aviation workers.</li> </ul> <p><b>Walter Hamilton</b>, Senior Consultant, Identification Technology Partners, USA, and <b>Richard Conrad</b>, Program Manager, Transportation Security Administration, Office of Intelligence &amp; Analysis, Aviation Program Management Division, USA</p>	<p><b>Target: Virtual Border – Increasing both security and facilitation; Lessons learned from Canada's FASTER-PrivBio Project</b></p> <ul style="list-style-type: none"> <li>• Streamlining border flows of millions of identified lower-risk travellers per year, further leveraging automated border control investments;</li> <li>• A virtual border building block –</li> <li>• Remotely accessing biographical and biometric information from trusted ePassports using smart phones and facial image capture/verification prior to travel;</li> <li>• Addressing challenges – Improving national security/UN Terrorist resolution Z178; Improving border flows for growing international travel with limited government resources.</li> </ul> <p><b>Hubert Laferrière</b>, Director, Operations Planning and Performance, Immigration, Refugees and Citizenship Canada (IRCC) and <b>Gordon Wilson</b>, President, WorldReach Software, Canada</p>
<p>4:35pm</p>	<p><b>Question and Answer Session</b></p>	<p><b>Question and Answer Session</b></p>
<p>4:40pm</p>	<p><b>Comfort Break</b></p>	



<p>4:50pm</p>	<p><b>Product Launch Pad</b></p> <p><b>The next wave of biometric capture – NOMAD™</b></p> <p><b>Vito Fabbrizio</b>, Vice President of Solution Engineering and Product Management, Crossmatch, USA</p>	<p>Innovators Platform (Ballroom C)</p> 
<p>5:00pm</p>	<p><b>Special Topic Session: Disruptive global trends and the role of effective identity technology</b></p> <p>Regional conflicts, mass refugee migration, economic uncertainty, political unrest, domestic lone wolf attacks, and international terrorism are just some of the disruptive trends that have become complex global challenges. These challenges share the common requirement of needing to identify individuals for various reasons. Governments, non-governmental organizations, and for-profit companies face these challenges and must identify friend from foe, innocent from guilty, citizen from foreign national, or those entitled to social benefit.</p> <p>This panel will discuss major disruptive global trends affecting our world today and how identity technologies aid decision makers in their missions to prevent or manage the effects of those trends. This panel will appeal to those working the fields of foreign policy and immigration, national defense and homeland security, and identity technology.</p>	<p>Innovators Platform (Ballroom C)</p> <ul style="list-style-type: none"> <li>• The threat of terrorism;</li> <li>• Mass displacement and movement of populations;</li> <li>• Political implications.</li> </ul> <p><i>Moderator:</i></p> <p><b>Benji Hutchinson</b>, Senior Director, NEC Corporation of America, Inc., USA</p> <p><i>Panelists:</i></p> <p><b>Florian Forster</b>, Head, Immigration and Border Management (IBM), Department of Migration Management (DMM), International Organization for Migration (IOM), Switzerland</p> <p><b>Seth Stodder</b>, Former Assistant Secretary of Homeland Security for Border, Immigration &amp; Trade Policy, USA</p> <p><b>Anne Shere Wallwork</b>, Senior Counselor for Strategic Policy, Office of Terrorist Financing and Financial Crimes, U.S. Department of the Treasury, USA (TBC)</p> <p><b>Arun Vemury</b>, People Screening Director, DHS Science and Technology Directorate (DHS S&amp;T), USA</p>
<p>6:00pm</p>	<p><b>IBIA Reception</b></p>	 <p>Concourse</p>
<p>7:30pm</p>	<p><b>Close of Day 1</b></p>	

Tuesday May 2, 2017

8:30am	<p><b>Keynote Address:</b></p> <p><b>Recent developments in motor vehicle department technologies for ID verification and management – ‘This isn’t your grandfather’s driver license’</b></p> <ul style="list-style-type: none"> <li>• Recent developments in Motor Vehicle Department technologies for ID verification and management;</li> <li>• Bi-state and multi-state DMV ID initiatives;</li> <li>• DMVs – The promise and potential of a mobile driver’s license/identification card.</li> </ul> <p><b>Ray Martinez</b>, Chairman and Chief Administrator, New Jersey Motor Vehicle Commission (MVC), USA          Introduced by: <b>Scott Swann</b>, Vice President of Federal Operations and Innovation, MorphoTrak, USA</p>	Innovators Platform (Ballroom C)
8:55am	<p><b>Congressional Chairman Keynote Address</b></p> <p><b>Vetting, screening and border security: The role of biometrics</b></p> <p><b>Congressman Michael T. McCaul</b> (TX-10), Chairman, House Committee on Homeland Security, USA          Introduced by: <b>Scott Swann</b>, Vice President of Federal Operations and Innovation, MorphoTrak, USA</p>	Innovators Platform (Ballroom C)
9:20am	<p><b>Fireside Chat</b></p> <p><b>Congressman Scott Peters</b> (CA-52), House Energy and Commerce Committee, USA and  <b>William Maheu</b>, Senior Director of Business Development, Qualcomm Cyber Security Solutions (QCSS), USA</p>	Innovators Platform (Ballroom C)
9:35am	<p><b>Congressional Staff Panel</b></p> <p><b>New policy perspectives on borders, immigration, and extreme vetting</b></p> <p>The new Administration has proposed major changes in major and longstanding security and immigration policies. Key staffers who are involved in these issues will discuss their perspectives on the status of the new proposals and the headwinds that these proposed changes are encountering.</p> <p>Introduced by: <b>Ramsey Billups</b>, Board of Directors, International Biometrics + Identity Association (IBIA) and Public Security Federal Systems Business &amp; Site Manager, 3M Cogent Federal Systems, USA</p> <p>Panelists: <b>Paul L. Anstine</b>, Staff Director, Subcommittee on Border and Maritime Security, USA  <b>Ramona McGee</b>, Senate Judiciary Committee, USA</p>	Innovators Platform (Ballroom C)
10:15am	Refreshment break	Sponsored by:  Expo Hall

<p>10:40am</p>	<p><b>Credentials for today, tomorrow and beyond</b></p> <ul style="list-style-type: none"> <li>• Transcending the physical world;</li> <li>• Tomorrow's counterfeiter;</li> <li>• Diverse innovations.</li> </ul>	<p>Room 207A</p> <p><b>Enabling secure financial transactions, eradicating fraud</b></p> <ul style="list-style-type: none"> <li>• Evolution of financial services and identity technology</li> <li>• Mobile transactions</li> <li>• Credit fraud prevention</li> </ul> <p>Room 207B</p>
<p>10:40am</p>	<p><b>Session Chairman's Introduction</b></p> <p><i>Tony Poole, Partner, AJW, Inc., President, Document Security Alliance, USA</i></p>	<p><b>Session Chairman's Introduction</b></p> <p><i>Jason Oxman, CEO, Electronic Transactions Association, USA</i></p>
<p>10:45am</p>	<p><b>What do we do when physical security features aren't enough?</b></p> <ul style="list-style-type: none"> <li>• Visa fraud is on the rise;</li> <li>• The quality of fraud is reaching new heights;</li> <li>• Intercepting fraud must happen at the earliest point possible.</li> </ul> <p><i>Nick Titcombe, Document Specialist, National Document Centre, Operations Branch, Canada Border Services Agency</i></p>	<p><i>Ben Colvin, Senior Vice President, Security Solutions and Processing, North America, Mastercard, USA</i></p>
<p>11:05am</p>	<p><b>The end of the myopic card design era: The U.S. Citizenship &amp; Immigration Services' Next-Generation Secure Identification Document Project</b></p> <p><i>Kathy Alsbrooks, Senior Director, US Federal Government ID Solutions, HID Global, USA</i></p> <p><i>Troy Eberhardt, Section Chief, Research &amp; Development Section, U.S. Department of Homeland Security, Immigration &amp; Customs Enforcement, Homeland Security Investigations Forensic Laboratory, USA</i></p> <p><i>Jared Goodwin, Chief, Document Management Division, US Citizenship and Immigration Services, Department of Homeland Security, US Government, USA</i></p>	<p><b>The evolution of biometrics in financial services</b></p> <ul style="list-style-type: none"> <li>• The main drivers behind the use of biometrics in financial services – convenience and security – will remain, but the nuances of how companies implement biometrics to address those drivers will shift over time;</li> <li>• As the use of biometrics for different situations expands, and as fraudsters adjust to accommodate the shifting security landscape, we'll start to see far more expands of multi-factor and multi-modal solutions that provide additional security without over-burdening the customer.</li> </ul> <p><i>Tinna Hung, Director of Marketing, EyeVerify, USA</i></p>

<p>11:25am</p>	<p><b>The mDL Revolution!</b></p> <ul style="list-style-type: none"> <li>• Coordinating the national and international efforts of creating a mobile driver's license;</li> <li>• Proving the value of a digital DMV credential;</li> <li>• Explore the possible use cases and legal concerns;</li> <li>• Privacy and security are always a top priority.</li> </ul> <p><i>Dave Burhop, Deputy Commissioner/CIO, Virginia Department of Motor Vehicles, USA</i></p>	<p><b>Emergence of biometrics and mobile technologies in multi-factor authentication</b></p> <ul style="list-style-type: none"> <li>• The importance of 'multi-factor' in EMV Migration;</li> <li>• The role of biometrics/mobile, particularly in remote channels;</li> <li>• Implementation issues arising to successfully integrate multi-factor online.</li> </ul> <p><i>Andrew Churchill, Standards Director for MIDAS, Digital Innovation Director, TISA, UK</i></p>
<p>11:45am</p>	<p><b>Advances in identity verification, or 'Why Knowledge Based Authentication just doesn't cut it any more'</b></p> <ul style="list-style-type: none"> <li>• Knowledge Based Authentication proves little today for identity verification;</li> <li>• People no longer need to be identity document experts– various ways in which technology can verify identity documents;</li> <li>• New ways to perform enrollment and verification of individuals using biometric solutions either in person, on-line or on a mobile phone;</li> <li>• Combining document verification and biometric matching to really Know Your Customer;</li> <li>• Enabling a new generation of citizen/consumer experiences with frictionless, low risk, high-value digital interactions with strong identify verification.</li> </ul> <p><i>Neville Pattinson, Senior Vice President of Government Sales, North America, Gemalto, USA</i></p>	<p><b>Face-based Interbank ID management: Innovative technologies for credit fraud prevention</b></p> <ul style="list-style-type: none"> <li>• Biometric-based interbank ID management changes the banking industry;</li> <li>• Practical application of face recognition technology and fraud-prevention service;</li> <li>• Case history: Interbank ID management at one of the largest world credit bureaus.</li> </ul> <p><i>Oleg Lagutkin, CEO, Equifax Russia, and Alexander Khanin, CEO, VisionLabs, Russia</i></p>
<p>12:05pm</p>	<p><b>Question and Answer Session</b></p>	<p><b>Question and Answer Session</b></p>
<p>12:10pm</p>	<p><b>Exhibition Viewing and Lunch</b></p>	

<p>1:20pm</p>	<p><b>Keynote Address:</b> <span style="color: #e91e63;">** Open to all connect:ID Conference and Expo Attendees **</span> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <p><b>Privacy for 2017 and beyond...</b></p> <ul style="list-style-type: none"> <li>• As 2017 begins, are we entering a time of crisis or a time of opportunity for individual privacy?</li> <li>• What expectations are there for privacy and data management in the coming months and years?</li> <li>• Learn about privacy developments around a variety of industries and technologies;</li> <li>• Examine opportunities to ensure data is available in a trusted manner for evidence based policymaking.</li> </ul> <p><i>Jules Polonetsky, CEO and Executive Director, Future of Privacy Forum, USA</i>  <i>Introduced by: John Mears, Director International Biometrics + Identity Association (IBIA), Senior Fellow, Leidos Corporation, USA</i></p>	
<p>1:45pm</p>	<p><b>Privacy for 2017 – An Industry Perspective...</b> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <ul style="list-style-type: none"> <li>• What is privacy?</li> <li>• Does privacy equal anonymity?</li> <li>• What is the trade-off between trustworthiness and knowledge of identity?</li> </ul> <p><i>John Mears, Director International Biometrics + Identity Association (IBIA), Senior Fellow, Leidos Corporation, USA</i></p>	
<p>2:00pm</p>	<p><b>Time to fast forward evolution – A Darwinian view on human identities and trust</b> <span style="float: right;">Innovators Platform (Ballroom C)</span></p> <ul style="list-style-type: none"> <li>• A service-centric approach has led to an extremely fragmented, siloed and weak identity landscape;</li> <li>• A trust-driven, transparent and human-centric model is required, where granular and ephemeral consent to private data access in exchange for service access is the norm;</li> <li>• The emerging technology landscape is providing an unprecedented opportunity to implement this shift.</li> </ul> <p><i>David Costa Faidella, Director, Strategic Product Management, Thomson Reuters, UK</i></p>	
<p>2:15pm</p>	<p><b>Extended Question and Answer Session</b></p>	
<p>2:40pm</p>	<p><b>Achieving strong identity authentication in the online environment</b> <span style="float: right;">Room 207A</span></p> <ul style="list-style-type: none"> <li>• Authentication models;</li> <li>• The front end of cybersecurity;</li> <li>• New technologies on the block.</li> </ul>	<p><b>Technology in the service of health</b> <span style="float: right;">Room 207B</span></p> <ul style="list-style-type: none"> <li>• The critical needs of the clinical workflow and how best the latest identity solutions can help address these needs;</li> <li>• Perspectives from the patient, the provider, and from the technology enablers who make this possible.</li> </ul>

<p>2:40pm</p>	<p><b>Session Chairman's Introduction</b></p> <p><i>Jeremy Grant, Managing Director, The Chertoff Group, USA</i></p>	<p><b>Panel Moderator's Introduction</b></p> <p><i>Kabir Kasargod, Senior Director of Product Management, Qualcomm Cyber Security Solutions (QCSS), USA</i></p>
<p>2:45pm</p>	<p><b>Going mobile with FIDO authentication</b></p> <ul style="list-style-type: none"> <li>• Hear an update on government initiatives to accommodate increasingly mobile workforces;</li> <li>• Learn about several use cases where FIDO authentication can help agencies go mobile;</li> <li>• Get an inside look at what the future holds for the FIDO ecosystem.</li> </ul> <p><i>Paul Grassi, Senior Standards and Technology Advisor, National Institute of Standards and Technology (NIST), USA</i></p>	<p><b>Technology in the service of health</b></p> <p>Fewer than 10% of hospitals in the US positively identify their patients before diagnosing and treating them.</p> <p>Health systems that have implemented modern identification tools, including biometrics, have greatly diminished patient misidentification.</p> <p>Despite this improvement in misidentification, identification tools are often not given budgetary priority or operational attention.</p> <p>This panel, which is assembled from a range of differing perspectives, will address:</p> <ul style="list-style-type: none"> <li>• The critical needs of the clinical workflow and how best the latest identity solutions can help address these needs;</li> <li>• Perspectives from the patient, the provider, and from the technology enablers who make this possible.</li> </ul>

<p>3:05pm</p>	<p><b>Defeating state income tax fraud utilizing digital identity</b></p> <ul style="list-style-type: none"> <li>• Tax refund fraud totalled more than \$7 billion in 2015 and is projected to be \$21 billion in 2016;</li> <li>• States recognize that the use of strong digital identities are central to defeating this epidemic;</li> <li>• Alabama and Georgia are at the forefront of tackling this problem through the use of strong digital identities.</li> </ul> <p><i>Brenda Coone, Deputy Commissioner of Revenue, Alabama Department of Revenue, USA</i></p> <p><i>Mark DiFraia, Senior Director, Digital Identity, MorphoTrust, USA</i></p> <p><i>Michael Garcia, Director, Trusted Identities Group, Director, National Strategy for Trusted Identities in Cyberspace, Applied Cybersecurity Division, Information Technology Laboratory, National Institute of Standards and Technology (NIST), USA</i></p>	<p>Panelists:</p> <p><i>Raymond D. Aller M.D., Clinical Professor of Pathology, Emeritus, University of Southern California, USA</i></p> <p><i>Tom Karygiannis, VP Product, Kryptowire, USA</i></p> <p><i>Anna McCollister-Slipp, Chief Advocate for Participatory Research, Scripps Translational Science Institute, USA</i></p> <p><i>Jim Sullivan, Senior Vice President, Strategy and Business Development, Bio-key, USA</i></p>
<p>3:25pm</p>	<p><b>Achieving strong digital authentication</b></p> <ul style="list-style-type: none"> <li>• Listen to the latest in risk-based authentication using passive biometrics solutions end user verification;</li> <li>• Customer examples of how to solve digitalisation challenges with new methods;</li> <li>• Hear about some of the insights working with DARPA.</li> </ul> <p><i>Hans Bergman, General Manager, Americas, BehavioSec, USA</i></p>	
<p>3:45pm</p>	<p><b>Question and Answer Session</b></p>	<p><b>Question and Answer Session</b></p>
<p>3:50pm</p>	<p><b>Refreshment Break</b></p>	

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4:20pm	<b>Building trust, confidence, and acceptance in biometric technologies</b> <i>Room 207A</i>	<b>Accuracy and reliability of biometrics in mobile devices</b> <i>Room 207B</i>
4:20pm	<b>Panel Moderator's Introduction</b> <i>James Loudermilk, Senior Level Technologist, Federal Bureau of Investigation Science and Technology Branch, USA</i>	<b>Panel Moderator's Introduction</b> <i>Stephanie Schuckers, Chair of Biometrics sub-group, FIDO Alliance, USA</i>
4:30pm	<b>Panel Discussion</b> <b>Building public trust around biometric technology</b> <ul style="list-style-type: none"> <li>• Discussing the need to focus on public education/awareness regarding the specifics of biometrics technology;</li> <li>• The importance of transparency in data collected and used in biometrics systems;</li> <li>• Identifying and addressing the privacy and security concerns of 'non-secret' authentication/verification techniques.</li> </ul> <p>Panelists: <b>David Benini</b>, VP Marketing, Aware, USA  <b>Michael King</b>, Associate Professor of Computer Science &amp; Cyber Security, Harris Institute for Assured Information, Florida Institute of Technology, USA  <b>Brenda Leong</b>, Senior Counsel and Director of Operations, Future of Privacy Forum, USA  <b>Robert Rowe</b>, VP Strategic Development, Imaging and Biometrics, HID Global – Lumidigm, USA</p>	<b>Panel Discussion</b> <b>Accuracy and reliability of biometrics in mobile devices</b> <ul style="list-style-type: none"> <li>• Measuring performance in mobile devices;</li> <li>• Metrics;</li> <li>• Certification;</li> <li>• Quality.</li> </ul> <p>Panelists: <b>Greg Cannon</b>, Vice President &amp; Chief Technology Officer, Crossmatch, USA  <b>Andrea Choiniere</b>, Senior Technical Consultant, Novetta, USA  <b>Burak Sahin</b>, Specialist Master, Deloitte Advisory, Deloitte &amp; Touche LLP, USA  <b>Brian Wood</b>, Device Security Certification Manager, Samsung Research America, USA</p>
5:30pm	<b>End of Day 2</b>	



# Wednesday May 3, 2017

<p>8:45am</p>	<p><b>Keynote Address</b></p> <p><b>CBP's strategic approach to reengineering Entry/Exit and transforming the travel experience</b></p> <ul style="list-style-type: none"> <li>• CBP is an innovative and forward-thinking agency that is leading biometrics at DHS and re-engineering the entry/exit process for travelers;</li> <li>• CBP is using advanced technology such as facial biometrics to confirm identity, further facilitate and secure travel, and meet the demands of increased travel to the United States;</li> <li>• CBP is partnering with key stakeholders in the air travel industry, TSA, and international partners to transform and strengthen the travel experience.</li> </ul>	<p><i>Innovators Platform (Ballroom C)</i></p> <p><b>John Wagner</b>, Deputy Executive Assistant Commissioner, Office of Field Operations, US Customs and Border Protection, USA          Introduced by: <b>Tovah LaDier</b>, Managing Director, International Biometrics + Identity Association (IBIA), USA</p>
<p>9:10am</p>	<p><b>Special Topic: Accomplishing airport transformation through biometric Entry/Exit</b></p> <p>Recent Presidential orders have added pressure on DHS to implement existing legislative mandates and 9-11 Commission recommendations to accomplish both biometric exit processing of foreign travelers in addition to the existing biometric entry processing of those same travelers.</p> <p>Extant airport infrastructure in the U.S. was not initially designed with these additional requirements in mind. The U.S. isn't building new airports, but air travel is growing about 5% a year, and expected to double by 2030 – not long from now in airport infrastructure improvement years. Unless both security AND traveler flow can be enhanced together, the existing U.S. airport infrastructure will be insufficient to handle this increase in traveler capacity.</p> <p>While the technology exists to accomplish such improvements, unless all the key stakeholders – represented on this panel – work together with a unity of purpose, both security and passenger flow will be negatively impacted. This panel will explore a positive vision of this unity of purpose, and highlight the roles that each stakeholder will play in realizing the vision.</p>	<p><i>Innovators Platform (Ballroom C)</i></p> <p>Moderator: <b>John Mears</b>, Director, International Biometrics + Identity Association (IBIA), and Senior Fellow, Information Technology and Security Solutions, Leidos, USA</p> <p>Panelists:</p> <p>TSA Executive: <b>Steve Karoly</b>, Acting Assistant Administrator, Office of Requirements and Capabilities Analysis (ORCA), Transportation Security Administration, USA</p> <p>CBP Executive: <b>Colleen Manaher</b>, Executive Director, Planning, Program Analysis, and Evaluation, Office of Field Operations, US Customs and Border Protection, USA</p> <p>Airline Executive: <b>Christian Revilla</b>, General Manager, Passenger Facilitation &amp; Customer Initiatives, Delta Air Lines, USA</p> <p>Airport Executive: <b>Todd Sheller</b>, Deputy Manager, Airport Operations, Washington Dulles International Airport, USA</p>

<p>10:10am</p>	<p><b>Special Topic: Principles on identification for sustainable development: Toward the digital age</b>  <b>Vyjayanti Desai</b>, Program Manager, Identification for Development (ID4D), World Bank Group, USA</p> <p><b>Panel Discussion</b>  <b>Vyjayanti Desai</b>, Program Manager, Identification for Development (ID4D), World Bank Group, USA  <b>Tarvinder Sembhi</b>, VP Sales Identity Market, WCC Smart Search &amp; Match, The Netherlands  <b>Alan Gelb</b>, Senior Fellow, Center for Global Development, USA</p>	<p>Innovators Platform (Ballroom C)</p>
<p>11:00am</p>	<p><b>Refreshment Break</b></p>	<p>Sponsored by:  Expo Hall</p>
<p>11:25am</p>	<p><b>Future ID</b></p> <ul style="list-style-type: none"> <li>• Innovation;</li> <li>• Ideas;</li> <li>• Inspiration.</li> </ul> <p>A series of presentations that challenge, inform, and enthuse the audience with visions of future identification systems and ideas.</p>	<p>Innovators Platform (Ballroom C)</p>
<p>11:25am</p>	<p><b>Session Chairman's Introduction</b>  <b>John Schneider</b>, Senior Director Technology, Qualcomm, USA</p>	
<p>11:30am</p>	<p><b>Weaving identity into the internet of things</b></p> <ul style="list-style-type: none"> <li>• The nature and opportunities created by the emerging mesh of users who interact actively or passively with IoT networks;</li> <li>• Some examples of real-world companies that are disrupting the market and a roadmap to standards and technologies that will create opportunity;</li> <li>• A use case in physical security and access control that spans several IoT verticals.</li> </ul> <p><b>Rajiv Dholakia</b>, Vice President, Products &amp; Business Development, Nok Nok Labs, USA</p>	

<p>11:50am</p>	<p><b>Wearable authentication for the secure enterprise: The smart office project</b></p> <ul style="list-style-type: none"> <li>• The pain to the user of creating and managing multiple passwords is large and is growing larger;</li> <li>• At the same time security requirements for authentication on high-security government networks are also increasing in complexity;</li> <li>• The use of a biometrically authenticated wearable using low range RF offers value to users and IT administration;</li> <li>• The use of RF wearables introduces additional security concerns which the project addresses in its design.</li> </ul> <p><i>Brett Sovereign, Security Researcher, Information Assurance Research Group, National Security Agency, USA</i></p>
<p>12:10pm</p>	<p><b>Advancements in face recognition and video analytics</b></p> <ul style="list-style-type: none"> <li>• Distinguish face recognition as a biometric modality, and appreciate the history of its development;</li> <li>• Explain the basic concept of video analytics and how they impact facial recognition;</li> <li>• Illustrate how face recognition and video analytics work together, and understand how they can be used to advance the mission of their agencies.</li> </ul> <p><i>Scott Swann, VP of Federal Operations and Innovation, MorphoTrak, USA and Nicole Spaun, Principal Facial Biometric Expert, MorphoTrak, USA</i></p>
<p>12:30pm</p>	<p><b>How biometrics has changed – An algorithm designer's perspective</b></p> <p>The sources of business value in the biometric industry are changing due to dramatic changes in technology including:</p> <ul style="list-style-type: none"> <li>• Open and free publication of state-of-the-art methods and results enabling instantaneous dissemination and assimilation of best practices;</li> <li>• Powerful open-source software enabling the development and application of more sophisticated features than previously attainable;</li> <li>• Algorithmic methods such as deep learning that greatly reduce the domain expertise required by a development team to create sophisticated application-specific algorithmic software.</li> </ul> <p><i>Robert Rowe, VP Strategic Development, Imaging and Biometrics, HID Global – Lumidigm, USA</i></p>
<p>12:50pm</p>	<p><b>Question and Answer Session</b></p>
<p>1:00pm</p>	<p><b>Exhibition Viewing and Lunch</b></p>

<p><b>2:00pm</b></p>	<p><b>Debate: Facial recognition and law enforcement: Technology and policy</b></p> <p>Recent and notable advances in facial recognition technology have led to expanding calls for its use in law enforcement, in the commercial world, and in protecting national security. Policy and technology issues have emerged, especially in connection with law enforcement adoption of facial recognition. The speakers will debate the issues and offer their insights on potential solutions.</p> <p>Moderator: <b>Bill Maheu</b>, Senior Director of Business Development, Qualcomm Cyber Security Solutions (QCSS), USA</p>	<p>Innovators Platform (Ballroom C)</p> <p>Panelists:</p> <p><b>Alvaro Bedoya</b>, Executive Director, Center on Privacy &amp; Technology, Georgetown University Law Center, USA</p> <p><b>Patrick Grother</b>, Biometric Standards and Testing Lead, National Institute of Standards &amp; Technology (NIST), USA</p> <p><b>Roger Rodriguez</b>, Detective, New York Police Department (NYPD) (Retired), Director of Business Development, Vigilant Solutions, USA</p>
<p><b>3:00pm</b></p>	<p><b>Refreshment Break</b></p> <p>Sponsored by:  Expo Hall</p>	
<p><b>3:25pm</b></p>	<p><b>Special Topic: DHS multimodal biometric identity services and data sharing: Today and into tomorrow</b></p> <p>A moderated panel discussion that looks at new multimodal biometric identity services capabilities available to DHS IDENT customers, while looking ahead to future capabilities being developed now for the new Homeland Advanced Recognition Technology (HART). The panel will also touch on data sharing developments with mission partners in the US and internationally.</p>	<p>Innovators Platform (Ballroom C)</p> <p>Moderator: <b>Shonnie Lyon</b>, Director, Office of Biometric Identity Management (OBIM), Department of Homeland Security (DHS), USA</p> <p>Panelists: <b>David Grauel</b>, HART Program Manager, Office of Biometric Identity Management (OBIM), Department of Homeland Security (DHS), USA</p> <p><b>Pat Nemeth</b>, Identity Operations Division Director, Office of Biometric Identity Management (OBIM), Department of Homeland Security (DHS), USA</p>
<p><b>4:25pm</b></p>	<p><b>Closing Remarks</b></p> <p><b>Robert M. Harbour</b>, Chairman and President, International Biometrics + Identity Association (IBIA), USA</p>	
<p><b>4:30pm</b></p>	<p><b>Close of Conference</b></p>	