



Smart Card
Alliance

14TH ANNUAL
**GOVERNMENT
CONFERENCE**

Smart Strategies for Secure Identity

June 9-10, 2015

WALTER E. WASHINGTON CONVENTION CENTER
WASHINGTON, DC



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The number one provider of identity solutions for the U.S. Federal Government. Securing people in today's digital world begins with protecting their identities and personal data. Gemalto is an experienced global leader for credentials management, from enrollment to issuance and usage in a broad range of governmental and commercial applications. We provide identity solutions to over 80 government programs worldwide. In the U.S. Gemalto has provided the security for over 60 million U.S. government PIV, Common Access Cards (CAC) and ePassports.

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Welcome

Dear 14th Annual Smart Card Alliance Government Conference Attendees,

I welcome each of you to the 2015 Smart Card Alliance Government Conference: Smart Strategies for Secure Identity. We are excited that so many people were able to attend this year's event being held in June, rather than our usual fall time period. Once again we're in a familiar location at the Walter E. Washington Convention Center, which serves as the ideal venue for this convergence of government identity, security, developments in local and state ID, and evolving global standards.

We have assembled more than 75 speakers who will address efforts toward strong authentication technology in government identity programs, including PIV credentials, developments in mobile identity programs, and healthcare, and updates on important federal identity and security programs lead by GSA, DHS, NIST, and NSTIC. As is standard with this event, the agenda features keynote presentations, speakers, panels and roundtable discussions, allowing you to choose among multiple identification, security technology and policy track panels to create your own customized conference experience. Tracks also include initiatives that are expected to see major progress in the coming year, including FICAM roadmap and testing programs, healthcare ID and biometric technology, mobile credentials storage and security use cases.

We have also provided ample time for you to network and visit the exhibit hall. We have invited the Transglobal Secure Collaboration Program (TSCP) to colocate their 2015 Trusted Cyber Collaboration Workshop during the 2015 Government Conference and create a combined exhibition hall. If you wish to attend any of the TSCP sessions, please see the registration desk to obtain your Super Pass.

I encourage you to take full advantage of your time at the Government Conference. Attend a session outside of your expertise, introduce yourself to someone new, or ask questions during a session. When you return to your office with new contacts, additional insight, or just a different way of viewing a situation, that's how we'll know we were successful.

Thank you for your support of the Smart Card Alliance.

Sincerely,



Randy Vanderhoof
Executive Director, Smart Card Alliance

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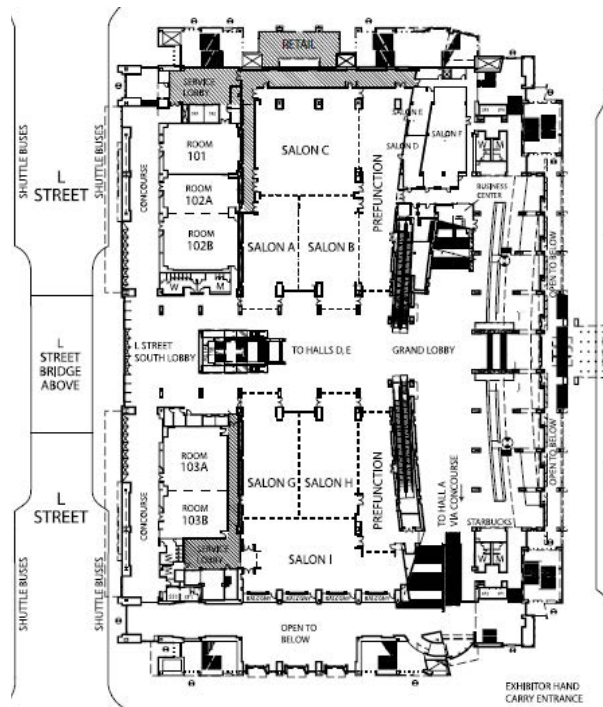
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Conference Event Locator



Monday, June 8

Registration & Continental Breakfast.....	8:00am – 8:30am.....	Grand Lobby
Best Practices and Technology Trends for Strong Multifactor Authentication and Managing Identities of People and Internet Devices Workshop.....	8:30am – 5:00pm.....	Room 102B
CSCIP & CSCIP/G Training Course Part 1&2.....	8:30am – 12:00pm.....	Room 103AB
Break.....	10:15am – 10:30am.....	Pre-Function ABC
Lunch.....	12:00pm – 1:00pm.....	Pre-Function ABC
CSCIP & CSCIP/G Training Course Part 3.....	1:00pm – 5:00pm.....	Room 103AB
Break.....	2:45pm – 3:15pm.....	Pre-Function ABC

Tuesday, June 9

Registration & Continental Breakfast.....	8:00am – 8:45am.....	Grand Lobby
CSCIP Exam.....	8:30am – 12:00pm.....	Room 103B
Conference Break, Exhibit Hall Opens.....	10:00am – 10:30am.....	Salon GHI
Lunch in Exhibit Hall.....	12:30pm – 2:00pm.....	Salon GHI
Joint Identity and Health & Human Serv. Council Meeting.....	12:45pm – 2:00pm.....	Room 103A
2015 TSCP Trusted Cyber Collaboration Workshop.....	2:00pm – 5:15pm.....	102A & 102B
Track 1: ID Security Technology & Applications.....	2:00pm – 5:15pm.....	Salon A
Track 2: ID Security Implementation & Policy.....	2:00pm – 5:15pm.....	Salon B
Track 3: Healthcare ID Security.....	2:00pm – 5:15pm.....	Salon C
Conference Break in the Exhibits.....	3:15pm – 3:45pm.....	Salon GHI
Networking Reception in Exhibit Hall.....	5:15pm – 7:00pm.....	Salon GHI

Wednesday, June 10

Registration & Continental Breakfast.....	8:00am – 8:45am.....	Grand Lobby
Track 1: ID Security Technology & Applications.....	8:45am – 4:15pm.....	Salon A
Track 2: ID Security Implementation & Policy.....	8:45am – 4:15pm.....	Salon B
Track 3: Biometrics.....	8:45am – 4:15pm.....	Salon C
2015 TSCP Trusted Cyber Collaboration Workshop.....	8:45am – 4:30pm.....	102A & 102B
Conference Break.....	10:15am – 10:45am.....	Salon GHI
Lunch in Exhibit Hall.....	12:00pm – 1:30pm.....	Salon GHI
Access Control Council Call.....	12:15pm – 1:30pm.....	Room 103A
Conference Break in the Exhibits.....	2:45pm – 3:15pm.....	Salon GHI

Pre-Conference Events

Pre-Conference Workshops

Monday, June 8

Smart Card Alliance Workshop

Room 102B

- 8:30 **Best Practices and Technology Trends for Strong Multifactor Authentication and Managing Identities of People and Internet Devices Workshop** - This session is focused on strong multifactor authentication and provides discussions of authentication & identity management approaches and current best practices. The workshop includes high-level overviews and in depth discussions of challenges, differences and benefits of strong user and internet device identification. Lifecycle management of identities, binding of identity to identity tokens and related lifecycle management are important functions covered in this workshop. smart card authentication approaches.
- 5:00 **Smart Card Alliance Workshop Concludes**
3-Day Combo Pass registration required to attend.

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Conference Agenda

Conference Sessions

Tuesday, June 9

Plenary Keynote Sessions

Salon AB

- 8:00 **Registration and Coffee**
- 8:45 **Chairman's Welcome Address**, Randy Vanderhoof, Executive Director, Smart Card Alliance and Keith Ward, President and CEO, TSCP
- 9:00 **Federal Cybersecurity in a Constantly Changing Security Landscape** – as government and industry look to develop new strategies to protect critical assets from cyber-attacks, new threats and tactics are changing the security landscape. Trevor Rudolph, Office of Management and Budget, EOP
- 9:30 **How the Department of Defense is Combating Advanced Cybersecurity Threats** - Robert J. Carey, Vice President and General Manager, CSC Global Cybersecurity – Public Sector and former Deputy CIO at the Pentagon
- 10:00 **Networking Break, Exhibits Open**

Break Sponsor



- 10:30 **ICAM, The Cornerstone of Cybersecurity** - Grant Schneider, Federal Cybersecurity Advisor, Office of Management and Budget
- 11:00 **Cyber Identity** - Michael Papay, Vice President and Chief Information Security Officer, Northrop Grumman
- 11:30 **Plenary Session Roundtable Discussion: The Government Identity and Access Security Landscape** – discussion with principal government and industry leaders about what the government model for identity management, access security, and the cybersecurity framework roadmap for government-to-government, business-to-government, and citizen-to-government services today and in the future.
Moderator: Randy Vanderhoof, Smart Card Alliance
Panelists: Keith Ward, TSCP; Jim Sheire, GSA; Philip Lam, NIST
- 12:30 **Lunch in Exhibit Hall**

Agenda continues on next page...

Track Sessions

Tuesday, June 9

ID Security Technology & Applications Track

Salon A

2:00 Panel Presentations

Moderator: Bryan Ichikawa, Deloitte & Touche LLP
Panelists: *Federal CIO Council/FICAM Update; NIST Special Publications Update* - Hildegard Ferraiolo, NIST; *Continuous Diagnostics & Mitigation, DHS Update* - James J. Quinn, DHS

3:15 Networking Break in Exhibit Hall

Break Sponsor	
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3:45 Panel Presentations continued

Moderator: Bryan Ichikawa, Deloitte & Touche LLP
Panelist: *Successful PKIs in the Federal Sphere* - Chi Hickey, GSA

4:15 Roundtable Session: Millennials View on Security - This session will look at various approaches to personal identity management, privacy, and security and their willingness to adopt them from the millennial generation perspective

Moderator: Frazier Evans, Booz Allen Hamilton
Panelists: Allison Thibault, Deloitte; Christian Straubs, Deloitte; Andy Rheuban, Booz Allen Hamilton; Michael Bombase, Booz Allen Hamilton; Casey Shugar, Giesecke & Devrient America Inc

5:15 Networking Reception in Exhibit Hall

Beverage Hosts	<i>During Tuesday's reception, visit these booths for a complimentary beverage.</i>
Carillon Federal Services, Booth 220 XTec, Booth 326	

4:15 Roundtable Session: Uncovering the Challenges Agencies Are Facing To Use 2 Factor Authentication – This session will look at two factor authentication usage by federal agencies and examine some of the challenges that are keeping adoption levels low

Moderator: Sal D'Agostino, IDmachines **Panelists:** David Simonetti, ICF International; James D. Bowers, Leidos

5:15 Networking Reception in Exhibit Hall

Healthcare ID Security Track

Salon C

2:00 Panel Presentations

Moderator: *Morgan Richard, XTEC Incorporated*
Panelists: *The Anthem Data Breach and the Future Impact on Federal Policy for Healthcare Authentication* - Scott Rea, DigiCert; *GAO Report on the Use of Identity Cards for Medicare* - Neville Pattinson, Gemalto; *Five Layers of Security for Patient Healthcare Data Protection* - Sheila Stromberg, HID Global

3:15 Networking Break in Exhibit Hall

3:45 Panel Presentations continued

Moderator: Morgan Richard, XTEC **Panelist:** *Public Assistance EBT Programs and Smart Cards* - Chuck Wilson, Valid USA

4:15 Patient Identity (BYOD): Using Government, Insurance, Healthcare Providers ID Cards, Credit Cards and Mobile NFC with EMV POS Terminals - By utilizing an existing EMV POS terminal with any readable token, healthcare providers can achieve a non-intrusive, highly scalable, patient proofing and record matching solution.

Moderator: *David Erlichman, LifeMed ID* **Panelists:** *David Batchelor, LifeMed ID; Michelle O'Conner, Quadramed; Roderick Bell II, Former CIO, Resolute Health/Tenet*

5:15 Networking Reception in Exhibit Hall

ID Security Implementation & Policy Track

Salon B

2:00 Panel Presentations

Moderator: Robert Merkert, Advanced Card Systems Ltd. **Panelists:** *Update From the IDESG*, Marc-Anthony Signorino, IDESG; *Virginia Digital Identity Law and Impact on the Use of Digital Credentials*, Timothy Reiniger, FutureLaw; *Connect.Gov – Simplifying Secure Access to Online Services*, Rene McIver, SecureKey

3:15 Networking Break in Exhibit Hall

3:45 Panel Presentations continued

Moderator: Robert Merkert, Advanced Card Systems Ltd. **Panelist:** *Update on Management of Federal Information Resources*, Carol Bales and Joseph Stuntz, Office of Management and Budget

Track Sessions

Wednesday, June 10

ID Security Technology & Applications Track

Salon A

Track Sponsor	
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- 8:00 **Registration and Coffee in Exhibit Hall**
- 9:00 **Mobility Identity Credentials Track**
Moderator: Jatin Deshpande, Giesecke & Devrient America Inc **Panelists:** *Maximizing Business Value From Derived Credentials* - Ed Wilmes, HP; *A Multi-layered Approach for Mobile IAM Solutions* - Eugene Liderman, Good Technology; *NIST SP 157 – Guidelines for Use of Derived Credentials* - David Cooper, NIST; *FIDO Mobile Device Authentication and Strong Authentication* - Philip Andreae, Oberthur Technologies

10:15 Break in Exhibit Hall

Break Sponsor	
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- 10:45 **Secure Credentials and Access Solutions**
Moderator: Tony Damalas, Stanley Security Solutions, Inc. **Panelists:** *Efforts to Speed up PIV Transactions – a NIST Perspective* - Hildegard Ferraiolo, NIST; *Systematic Approach to Transaction Speed Increases* - Steve Rogers, IQ Devices; *Combining Physical and Digital Security to Create Trusted Credentials* - Tim Klabunde, Entrust Datacard; *Next Gen Access Control Systems Beyond FICAM Requirements* - Brandy Sloan, Gallagher

12:15 Lunch in Exhibit Hall

- 1:30 **Identity Technology and Solutions**
Moderator: Kirk Brafford, Deloitte & Touche LLP **Panelists:** *Enabling PIV Cards for Windows* - Tim Baldrige, DMDC; *Identity Management as the Foundation of Credentials Management* - Lolie Kull, HP Enterprise Services; *Biometrics for Mobile Computing Devices: Emerging Technologies & Trends* - Caitlin Newark, Novetta; *Role of Mobile Devices in Identity* - Kevin Gillick, GlobalPlatform

2:45 Break in Exhibit Hall (Exhibit Hall Closes at 3:15)

Break Sponsor	
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3:15 **Industry ID Security Track**

Moderator: Lars Suneborn, Smart Card Alliance
Panelists: *Unattended Activation of Secure Credentials* - Ron Sutton, Deloitte & Touche; *Use Cases for Derived Credentials* - Chris Taylor, Entrust Datacard; *Identity Verification Using ePaper Technology* - Stefan Barbu, NXP

4:15 **Conference Adjourns**

ID Security Implementation & Policy Track

Salon B

- 8:00 **Registration and Coffee in Exhibit Hall**
- 9:00 **Government Use Cases for High Assurance Credentials**
Moderator: Roger Roehr, Roehr Consulting **Panelists:** *North Carolina eID Pilot for Trusted Online Identity* - Mark DiFraia, MorphoTrust; *State of Identity in the States: Ranking States by Identity Security Adoption* - Kelli Emerick, Secure ID Coalition; *Operationalizing Multi-modal Biometrics and PIV in PACS* - Derek Nagle, PFPA; *EOP – A PIV Use Case For Logical Access*

10:15 **Break in Exhibit Hall**

- 10:45 **Applications of High Assurance Credentials**
Moderator: Peter Cattaneo, Identiv **Panelists:** *DHS Access Control Solutions and Lessons Learned* - Reid Baldwin and McCarty, DHS; *Going Mobile with Derived PIV Credentials* – Chris Edwards, Intercede; *Continuous Monitoring and Credential Vetting* - Jeff Nigriny, CertiPath

12:15 Lunch in Exhibit Hall

- 1:30 **Internal Security Threat Mitigation**
Moderator: Mark Steffler, Quantum Secure **Panelists:** *Mitigating the Insider Threat: A Corporate Perspective* - Jason Dury, Symantec Corporation; *Insider Threat Use Cases* - Mark Steffler, Quantum Secure and HID Company; *Continuous Monitoring for Insider Threat* - David Yachnin, HP; *Insider Threat Analytics* - Craig Astrich, Deloitte

2:45 **Break in Exhibit Hall (Exhibit Hall Closes at 3:15)**

- 3:15 **State Electronic Benefits Programs Use of Smart Cards** – this experts panel will discuss the drivers for state run electronic benefits programs to increasingly look to smart card technology to securely administer state aid.
Moderator: Chuck Wilson, Valid USA **Panelists:** *Smart Cards for Healthcare Patients - Improve Patient Health Records, Cut Medical Identity Theft, and Reduce Fraud* - Peter Barry, Peter T Barry Company; *The Use of PIV-I Cards for Medicaid* - Morgan Richard, XTec Incorporated

4:15 **Conference Adjourns**

Agenda continues on next page...

Biometrics Track

Salon C



- 8:00 **Registration and Coffee in Exhibit Hall**
- 9:00 **Panel: Identity and Data Analytics**
 Panelists will discuss the fusion of biometric matching with identity analytics of biographic data for more robust matching.
Moderator: Ms. Jennifer Reed, Novetta **Panelists:** Mr. Marc Shichman, Novetta; Dr. Craig Arndt, Defense Acquisition University; Dr. Rodrigo Fontecilla, Unisys; Ms. Cathy Tilton, Daon
- 10:15 **Break in Exhibit Hall**
- 10:45 **Session: Facial Recognition and Rich Data -**
 Speakers will discuss current applications and capabilities of facial recognition with a focus on use in social media applications and video surveillance.
Moderator: Dr. Thirimachos Bourlai, West Virginia University **Panelists:** *Unconstrained Face Recognition -* Dr. Ioannis Kakadiaris, University of Houston; *Facial Recognition in Social Media and from Surveillance Footage-* Mr. Robert Lewis, CERDEC Intelligence and Information Warfare Directorate; *Leveraging Face Recognition using Periocular Information -* Dr. Raghavender Jillela, Digital Signal Corporation; *Cross-spectrum Thermal-to-visible Face Recognition-* Dr. Nathan Short, Booz Allen Hamilton & Dr. Shuowen "Sean" Hu, U.S. Army Research Laboratory
- 12:15 **Lunch in Exhibit Hall**
- 1:30 **Panel: Innovations in Biometrics in Homeland Security and Law Enforcement -** Current and former homeland security and law enforcement leaders will discuss biometric policy and capabilities that will shape mission needs and procurement in the coming years. Applications include screening, investigations, trusted traveler programs, credentialing and threat detection/mitigation.
Moderator: Mr. Rob Wavra, Novetta **Panelists:** Ms. Kathy Kraninger, Clerk, US Senate Appropriations Committee, Subcommittee on DHS Appropriations & (former) DHS Deputy Assistant Secretary for Screening Coordination; Mr. Hodari McClain, Senior Technical Director, GDIT; Mr. Jim Loudermilk, FBI CJIS; Mr. Bill Ford, Office of Science and Technology, National Institute of Justice, US Department of Justice
- 2:45 **Break in Exhibit Hall** (Exhibit Hall Closes at 3:15)
- 3:15 **Session: Biometrics and ID for Government -**
 Leading biometric researchers will present recent developments in both established and emerging biometric technologies.
Moderator: Mr. Eric Munshower, Novetta **Panelists:** *The DARPA Active Authentication Program -* Dr. Angelos Keromytis, DARPA; *3D-printing Fingerprint Artifacts -* Ms. Tamara Lubysheva, Novetta; *Human Recognition Technology for Law Enforcement -* Dr. Thirimachos Bourlai, West Virginia University
- 4:15 **Conference Adjourns**

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ScanLife by ScanBuy Inc. on Android, iOS, BlackBerry, Nokia Ovi, Windows Phone

The Smart Card Alliance makes no representations or warranties regarding the functionality or performance of any third party software.

Speaker Biographies



Philip Andrae

Vice President Field Marketing -
Payments NA, Oberthur Technologies

At Oberthur Technologies, Philip Andrae, Vice President, Field Marketing, Payment, North America, provides clients an in-depth understanding of EMV and what it takes to introduce EMV in the U.S. He supports all of Oberthur Technologies' EMV business development efforts and compliments and further expands and defines the company's EMV offer in order to meet new requirements merging in the U.S. Over the last 20+ years, Philip has been actively involved in the payment industry and the evolution of EMV. While at Europay International, he was the executive responsible for driving the creation of the consortium that developed the EMV specification. At Visa Canada, Philip was a primary catalyst in the country's migration to EMV. He helped define American Express' global acquiring and issuing of EMV contact, contactless, and mobile strategies and provided management consulting and subject matter expertise in the fields of EMV, mobile, and card payments at Accenture. Philip successfully operated as a strategic consultant in both Europe and North America and worked with clients such as AT&T, Canadian Tire, Lowe's, Verifone, and IBM.

Craig Arndt



Chairman of the Engineering and
Technology Department, Professor of
Systems Engineering & Defense
Acquisition University, Defense
Acquisition University

Dr. Arndt currently serves as chairman of the Engineering and technology Department at the Department of Defense. Dr. Arndt has extensive experience as a senior executive and technology leader in the research, engineering and defense industries. As an engineer, scientist, inventor, and engineering manager at a number of leading defense contractors, Dr. Arndt was responsible for developing a wide range of communications, identifications, and counter terrorism technologies and systems. As Vice President and CTO of Ideal Innovations he managed multi-million dollar programs of many different sized up to and including Cat 1D. As an active member of the academic and professional community, he has served as a technical advisor for the Army, and Defense Science Boards, the National Science Foundation, the IEEE, and the

International standards Organization (ISO). Dr. Arndt's education includes, a Doctor of Engineering in Electrical Engineering, University of Dayton, a Master of Arts in National Security and Strategic Studies, Navy War College, a Master of Science in Human Factors Engineering, and a Master of Science in Systems Engineering, Wright State University, and a Bachelor of Science in Electrical Engineering, Ohio State University. Dr. Arndt is a licensed Professional Engineer: State of Ohio. Dr. Arndt is published researcher in the areas of computer vision, artificial intelligence and biometrics, counter terrorism, and holds 6 US patents.



Craig Astrich

Senior Manager, Deloitte & Touche LLP

Craig is a Senior Manager with the Cyber Risk Services practice where he leads the Cyber Mission Services capability. He has over 18 years of developing new capabilities and new service offerings. Mr. Astrich is a subject matter expert in attack pattern analysis and cyber analytics. Prior to Deloitte, Craig served as a Senior Leader at Booz Allen Hamilton for 13 years leading cyber teams across Federal Defense & Civilian agencies while driving new/emerging capabilities including identifying exploitation methods and weaknesses for embedded device security, IT Infrastructure, Computer Network Defense /Operations (CND/CNO), Security Automation, mobile device security, security engineering, and security program management. Craig has a Master's Degree from John's Hopkins University and a Bachelor's Degree in Engineering from Lehigh University.



Tim Baldrige

IT Specialist, DMDC



Tim Baldrige is an Information Technology Specialist for Enterprise Architecture and Information Security. Since 2012 he serves as senior design architect for the Defense Manpower Data Center (DMDC), a field activity and component of the Defense Human Resource Agency, an agency supporting the Office of the Secretary of Defense, Personnel and Readiness. Mr. Baldrige is a Co-Chair for the Federal Public Key Infrastructure Policy Authority and in his DMDC role supports development and adoption of principles and standards underpinning Federal Identity, Credential and Access Management. Prior to DMDC in his tenure at NASA Mr. Baldrige provided technical leadership for

proposing, engineering, deploying, operating and sustaining the systems for the foundation of the NASA ICAM Line-of-Business. He served as a Co-Chair of Architecture Working Group under the Federal Identity, Credential and Access Management (FICAM) Sub-Committee. He also was the Chairperson for the Technical Working Group under the Government Smart Card – Interagency Advisory Board (IAB) during the initial development of FIPS 201 and related special publications for which the IAB contributed significant input to the review process for these Federal ICAM foundation documents. Mr. Baldrige holds a Bachelor of Science in Engineering for Engineering Science and a Master of Science in Engineering for Computer Information and Control Engineering both from the University of Michigan.

**Carol Bales**

Office of Management and Budget

**Stefan Barbu**

Head of Secure ID Americas, NXP Semiconductors

Stefan Barbu is leading NXP's Secure Identity business in the Americas, based in Washington DC. He holds a PhD on contactless smartcards and has been in the electronic documents industry for 14 years in various R&D, marketing, sales and business development positions in Europe and the USA. Prior to joining NXP in 2007, Stefan worked for Gemalto, where he was responsible for the secure ID documents product range.

**Peter Barry**

Principal, Peter T Barry Company

Peter Barry is an independent consultant in health care and information systems serving payers, providers, clearinghouses, and government. He chairs the ANSI INCITS B10 and WEDI committees for standardization of health identification cards. He also has long experience in international banking, bankcards, and payment systems.

**David Batchelor**

CEO, LifeMedID

David Batchelor is a key thought leader in healthcare, national speaker, committee participant of patient

identity standards, and founder of patient identity solutions that improve workflow efficiencies and data accuracy for patient care. To help solve patient identity, privacy, safety, and security requirements, David founded LifeMed ID. The solution seamlessly automates patient identity validation, record matching, and insurance and payment requirements while unifying one patient identity across disparate groups.

**Thirimachos Bourlai**

Assistant Professor, West Virginia University

Dr. Bourlai is an Assistant Professor at LCSEE, WVU and an Adjunct Assistant Professor at the School of Medicine and the Department of Forensic and Investigative Science at WVU. He is also the founder and director of the Multi-Spectral Imagery Lab, and co-founder and CTO of Confirmix, a WVU start-up company. His research projects have been funded by several government organizations including DoD, CITeR (NSF I/UCRC), FBI etc.

**Kirk Brafford**

Senior Manager, Deloitte & Touche LLP

Kirk is currently a Senior Manager in the Cyber Risk Services practice of Deloitte leading a team which is focused on ICAM implementation and operations, in addition to enterprise Identity and Access Management solutions for several federal agencies. Previously he was Vice President of the Security Solutions Division of MAXIMUS, providing HSPD12 program management and technical solutions for the public sector. His involvement in the smart card industry began when he led the start-up of North American business operations for G&D America. Speaker Biographies

**Robert J. Carey**

Vice President and General Manager, CSC Global Cybersecurity - Public Sector

**Peter Cattaneo**

VP Product Marketing, Mobile, Identiv

Mr. Peter Cattaneo has been active in the security field for more than 15 years. At Sun Microsystems, he managed the successful worldwide adoption of Java Card technology for mobile telephony, payment, logical



Smart Card
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Member Meeting

OCTOBER 4-6, 2015

ARIZONA GRAND RESORT • PHOENIX, AZ

FOR SMART CARD INDUSTRY PROFESSIONALS, AN EXCLUSIVE MEMBER EVENT

You are cordially invited to a smart card industry event that has been created exclusively for the benefit of Smart Card Alliance and SCALA (Latin America) members. The Smart Card Alliance Member Meeting is a unique opportunity to gather professionals from every market across the Americas where smart card technology is used to learn about the latest issues and key business trends that will impact your business in the future. The meeting will feature plenary keynote speakers and panels covering key industry trends and activities, several concurrent breakout sessions organized by our industry council on topics affecting specific market segments and cross-industry market trends, and great networking opportunities with fellow Smart Card Alliance organizations and individual members.

Network with colleagues in activities prior to the start of the business program. It's an opportunity to get to meet other members in a relaxing, fun way.



The Grand Resort offers executive-class meeting facilities and a wide range of amenities. Easily accessible to Members throughout the Americas.



HONORING LEADING INDIVIDUAL AND ORGANIZATION MEMBERS OF THE SMART CARD ALLIANCE

We will announce the Council Honor Roll and Outstanding Contributor awards for council activities along with awarding this year's members of the Smart Card Alliance Center of Excellence, a member program recognizing an elite mix of member companies who have achieved the highest level of active participation in the Smart Card Alliance by having made outstanding contributions in the form of providing valuable time, talent and resources across a wide mix of Alliance activities.

FEATURING IMPORTANT COUNCIL-LED MEETINGS BY ALL SCA INDUSTRY COUNCILS

Mark your calendar now for a break and review of industry efforts, combining intensive, interactive meetings with relaxing opportunities to network and reconnect with colleagues and council members.

- Access Control Council
- Health and Human Services Council
- Identity Council
- Mobile and NFC Council
- Payments Council
- Transportation Council

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access and physical access. At Intercede, he is responsible for reducing the cost and complexity of deploying real world solutions that link digital identities with strong authentication for logical and physical access. In addition to traditional badge solutions, he also is working to develop mobile-phone capabilities that interoperate in the same environment.



David Cooper

Computer Scientist, NIST

David Cooper is a Computer Scientist who has been working in the Computer Security Division of the National Institute of Standards and Technology since 1997, where he has been specializing in issues related to the development and deployment of Public Key Infrastructures. He is currently participating in revising the specifications related to Personal Identity



Sal D'Agostino

CEO, IDmachines

IDmachines LLC and Salvatore D'Agostino provide design, integration, strategic and tactical consulting services and technology to the identity, credential, access, security, machine intelligence and technology transfer markets. IDmachines uses its 30 years of experience with commercialization and integration of new technologies in the delivery of these services. Among his professional affiliations Sal is Secretary of the Smart Card Alliance Identity and Access Control Councils, Vice Chair of the Kantara Initiative Leadership Council, member of the Board of Advisors of the Open Identity Exchange, Vice Chair of the of the Security Industry Association PIV Working Group, a member of the IT and Physical Security Councils of the American Society for Industrial Security, a friend and former member of the Transportation Research Board's Freeway Operation Committee, a charter member of the Society of Manufacturing Engineers' Machine Vision Association, and former Chairman of the Intelligent Transportation Society of Massachusetts. Sal is a graduate Harvard College.

Tony Damalas



Principal Architect –
Government Solutions,
Stanley Security
Solutions, Inc.



Tony Damalas has over 40 years of security industry experience and currently serves as Principal Architect

for Stanley Security Solutions' Government Security Group. He is responsible for Stanley's qualifications and compliance effort for the federal government's Homeland Security Presidential Directive 12 (HSPD 12) program, along with similar commercial programs associated with and modeled after the Federal Identity, Credential and Access Management initiative. He is a senior technology lead for emerging technology platforms such as PSIM (Physical Security Information Management), and PIAM (Physical Identity and Access Management), biometrics, physical and logical systems convergence and various identity authentication solutions. Damalas has a Bachelor of Science degree in Electrical Engineering and a Master of Engineering degree from Old Dominion University. He holds memberships in related industry associations, such as: The American Society for Industrial Security (ASIS), the Security Industry Associations (SIA) and the Smart Card Alliance. He is a Certified Smart Card Industry Professional/government (CSCIP/G) and a Certipath Certified ICAM PACS Engineer. Damalas resides in Virginia Beach, Virginia



Jatin Deshpande

Sr. Technical Account Manager, Mobile Security, Giesecke & Devrient America Inc

Jatin Deshpande is a Senior Technical Account Manager at Giesecke & Devrient. In this role, he is responsible for driving the technical interaction of G&D's portfolio of authentication products with US customers and partners. During his seven years at G&D, he has worked on various card, token and other PKI/OTP form factors with special focus on the PIV landscape. He also supports other secure embedded technologies and the management of those secure elements using a Trusted Service Manager. Prior to G&D, Jatin has worked in different industry segments including semi-conductor, software services and High Availability Systems.



Mark DiFraia

Senior Director of Market Development,
MorphoTrust

Mark DiFraia is currently the Senior Director of Market Development for MorphoTrust USA, leading its newest market solution, which transforms trusted and established identities into assets that will drive customer service operations across state agencies. His expertise has been largely shaped through his experience in building strategic partnerships and alliances that create new revenue streams and product opportunities. Mark joined the MorphoTrust USA team in June 2010 to lead business development, marketing and product management for the Secure Credentialing Division of

what was then L-1 Identity Solutions. His prior experience is largely rooted in the financial technology industry where he provided market and business development leadership across many areas of the trading business. Through leadership roles for financial firms and the New York Stock Exchange, Mark has built specific expertise in exchanges, networks, transaction management and other related disciplines. In addition to his corporate responsibilities, Mark represents MorphoTrust at the University of Texas at Austin Center for Identity Board of Advisors and has been elected to the Board of Directors of the Identity Ecosystem Steering Group. He holds a Bachelor degree in Finance and an Executive MBA, both from Suffolk University Sawyer Business School in Boston, Massachusetts.



Jason Dury

Insider Threat Program Lead, Symantec Corporation

Jason Dury, is the Insider Threat Program Lead for Symantec Corporation's Global Security Office. He has over 20 years of experience as a consultant, with the US Government and Fortune 500® corporations. His background includes developing Insider Threat detection and Corporate Espionage Awareness programs, and Global Security and Risk Management for high and low-threat environments around the world. Jason has a Certificate in Insider Threat Program Management from Carnegie Mellon University, a Certificate in Strategic Leadership from a program sponsored by Georgetown University and the International Security Management Association, a Master's of Public and International Affairs from the University of Pittsburgh, and a Bachelor's in Political Science from Gettysburg College.



Chris Edwards

CTO, Intercede

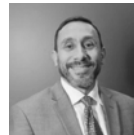
Chris was responsible for the initial design of the MyID® product and retains overall responsibility for the architecture and use of technology within it. He has over 30 years' senior level experience within the IT industry, 12 of them within the security sector. Chris was instrumental in making MyID the first electronic personalization system to achieve FIPS 201 accreditation as part of the US HSPD-12 PIV Approved Products Scheme, and has substantial experience of working on both US and UK government security projects.



Kelli Emerick

Executive Director, Secure ID Coalition

Kelli A. Emerick is the Executive Director of the Secure ID Coalition. She also serves as the President of 121 Strategies & Government Relations, a government affairs and business strategy firm based in Washington, D.C. For the last fifteen years Ms. Emerick has represented technology client's interests before Congress and the Administration. She has an extensive and successful record helping clients achieve their public policy goals in the areas of identity management, information sharing, e-commerce, online child safety and privacy. Ms. Emerick serves as the Chair of the TechAmerica Identity Management Committee. She was also honored with the 2010 Smart Card Alliance's Outstanding Smart Card Achievement "OSCA" award given to innovators creating ground breaking contributions to the industry. Ms. Emerick is a graduate of both the University of Southern California (B.A.) and The George Washington University (M.A.).



David Erlichman

Chief Operating Officer, LifeMedID

As the Chief Operating Officer for LifeMed ID, David administers overall P&L and organizational structure to drive market share and improve performance. Since entering the identity industry in 1995, David has produced a high ROI by working across departments to build new business, reduce costs, and meet quality and productivity goals. Practiced in managing and scaling small, high-tech organizations, he possesses expertise in strategic business and technological solutions. David provides strong leadership, effective organization, and a keen ability to quickly recognize root problems and implement the best solutions to address them.



Frazier Evans

Associate, Booz Allen Hamilton

Frazier D. Evans provides subject matter expertise and program support for smart cards, identification technologies, and credentialing solutions for Public and Private Sector at Booz Allen Hamilton. He has been instrumental in the deployment of the new smart card based ID card for Booz Allen Hamilton. Mr. Evans was previously at VeriSign, Inc., working with Federal Agencies to deploy their PIV and PIV-C solutions. In addition, he worked with foreign governments and assisted in their deployment of national id programs. He

has extensive experience working with commercial entities in assisting them in their implementation of PKI / Identity Management projects.



Hildegard Ferraiolo

Computer Scientist, NIST

Hildegard Ferraiolo is a Computer Scientist at National Institute of Standards and Technology (NIST) where she is the lead for the PIV Program activities including the recent completed revision 2 of Federal Information Processing Standard (FIPS) 201—the standard for identity verification of federal employees and contractors. She coordinates PIV related activities with the HSPD-12 Support Team, the FICAM Test Program and the Government Smart Cards-Interagency Advisory Board. Hildegard co-authored and developed several NIST publications in the FIPS 201 standard suite, including SP 800-73 Interfaces for Personal Identity Verification, SP 800-85A/B Derived Test Requirements for PIV Cards/Middleware and the forthcoming SP 800-157 Derived PIV Credentials. Prior to leading the PIV Program, Hildegard launched the NIST Personal Identity Verification test program (NPIVP), resulting in the full accreditation of ten independent test laboratories and (to date) validation of over 70 PIV Middleware and Card applications products.



Rodrigo Fontecilla

Vice President Federal Systems, Unisys

Dr. Rod Fontecilla is Vice President of Application Services for Unisys Federal Systems. In this role, Dr. Fontecilla leads all aspects of software development, system integration, mobile development and data analytics focused on the federal government. He also leads Big Data Analytics (BDA) globally for all Unisys as Chief Data Scientist. In this capacity, he is responsible for creating data analytic products for multiple industries creating predictive models using machine learning algorithms. He leads a cadre of data science professionals providing business insights to our customers. Dr. Fontecilla is responsible for providing leadership, coordination and oversight on all IT solutions, data analytics, emerging technologies and IT services delivery. He has more than 25 years of professional experience in the implementation of large and complex mission-critical IT solutions for both commercial and the federal government. Dr. Fontecilla brings an extensive background and expertise in data analytics, cloud computing, mobile development, enterprise architecture, and IT governance and strategy.

Dr. Fontecilla received his Ph.D. from Rice University on Applied Mathematics.

Bill Ford



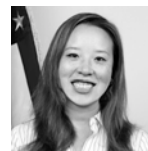
Research Division Director, Office of Science and Technology, National Institute of Justice, US Department of Justice



Kevin Gillick

Executive Director, GlobalPlatform

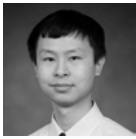
As Executive Director of GlobalPlatform, Mr. Gillick is responsible for driving awareness and accelerating adoption of GlobalPlatform Specifications worldwide. Mr. Gillick coordinates and manages the organization's strategic planning and oversees all marketing and business development initiatives. He works closely with GlobalPlatform's Technical Director, technical committees and task forces. Mr. Gillick is directly responsible to the Board of Directors and the GlobalPlatform membership. Prior to joining GlobalPlatform, Mr. Gillick held various marketing and business development positions at Datacard Group. Mr. Gillick has served as GlobalPlatform's full-time Executive Director since 2006.



Chi Hickey

Director of ICAM technology and Procurement, GSA

Ms. Hickey is an accomplished cyber technology specialist offering over years of demonstrated career success developing and executing operation strategies to promote growth and optimal utilization of emerging identity management technologies. In-depth experience delivering interoperable authentication, authorization, and attribute sharing solutions for the Department of Defense, Intelligence Community, State and Local partners. Ms. Hickey has had years of experience providing technical and functional subject matter expertise in Identity and Access Management (IdAM) to enhance secure data sharing and interoperability within and across communities of interest. Her current position is with U.S. General Services Administration as the Director of ICAM Technology and Procurement managing the FIPS 201 Evaluation Program, FPKIPA, and Trust Framework Solutions Program



Shuowen "Sean" Hu

Electronics Engineer, U.S. Army Research Laboratory

Dr. Shuowen "Sean" Hu received the B.S. in electrical and computer engineering from Cornell University in 2005, and the Ph.D. in electrical and computer engineering from Purdue University in 2009. He was awarded the Andrews Fellowship to study at Purdue University, conducting research in biomedical signal processing. Following graduation from Purdue University, he joined the U.S. Army Research Laboratory (ARL) as an electronics engineer in the Image Processing Branch. Dr. Hu has over 40 conference and journal publications. His current research focus is on cross-spectrum face recognition as well as on target detection and classification.

Bryan Ichikawa



Senior Manager, Enterprise Risk Services, Deloitte & Touche LLP



Bryan Ichikawa is a Senior Manager for Deloitte's Enterprise Risk Services group based out of Arlington, Virginia. As a globally recognized expert in biometrics, smart card, security, credentialing and identity and access management, Bryan serves as a trusted advisor to United States federal government and other national government clients around the world. Bryan regularly assists clients in the identification, design, integration and deployment of these technologies to deliver complete and comprehensive identity management solutions. Bryan has contributed extensively to the Smart Card Alliance where he has held many active roles including as vice-chairman on their Board of Directors and as an instructor for the SCA Educational Institute and the CSCIP certification course. He holds two patents for data security and user privacy in communications systems and is a contributing author for "Smart Cards--Seizing Strategic Business Opportunities". Bryan has previously held positions at Unisys, where he was Vice President of Identity Solutions, Thomson Media, where he held general management responsibilities for the CTST family of Conferences and Exhibitions, Executive Director of the Business Solutions Group for SPYRUS, Director of Marketing for Smart Cards at Certicom Corp, and had spent ten years at MCI Telecommunications in several executive and technology roles.



Raghavender Jillela

Senior Biometrics R&D Engineer, Digital Systems Corporation

Raghavender Jillela is a Senior Biometrics R&D Engineer at Digital Signal Corporation. He received the PhD degree in Electrical Engineering from West Virginia University in 2013. He authored several research papers and book chapters in the area of biometrics. His research focuses on biometric recognition under non-ideal conditions using face, iris, and periocular information. Raghavender's current research at Digital Signal Corporation is on improving 3D face recognition in challenging environments. His other research interests include computer vision and machine learning.

Ioannis Kakadiaris



Hugh Roy and Lillie Cranz Cullen University Professor, University of Houston

Prof. Ioannis A. Kakadiaris (www.cbl.uh.edu) is a Hugh Roy and Lillie Cranz Cullen University Professor of Computer Science at the University of Houston, Houston, TX, USA. He joined UH in August 1997 after a postdoctoral fellowship at the University of Pennsylvania. Ioannis earned his B.Sc. in physics at the University of Athens in Greece, his M.Sc. in computer science from Northeastern University and his Ph. D. at the University of Pennsylvania. Dr. Kakadiaris is the recipient of a number of awards, including the NSF Early Career Development Award, Schlumberger Technical Foundation Award, UH Computer Science Research Excellence Award, and UH Enron Teaching Excellence Award.

Michael Kelley



Principal Electronic Security System Technical Specialist, Secure Mission Systems

Michael Kelley is a Principal Electronic Security System Technical Specialist with Secure Mission Solutions, a Parsons Company. He has more than thirty years of system installation, design and integration experience. For the last fourteen years, he has supported Federal Government identity, credential and access management programs at the Department of State, Transportation Security Administration, GSA and the Department of Defense specializing in the development of systems, policies and procedures that leverage ICAM principals for physical access control. He is actively involved in the Smart Card Alliance Access Control Council and ASIS International. Previously, he served as

an electronics technician and engineer in the U.S. Coast Guard.



Angelos Keromytis

Program Manager, DARPA/Information Innovation Office

Dr. Angelos Keromytis joined DARPA as a Program Manager in July 2014, on leave from Columbia University where he is an associate professor in the computer science department. He was the co-founder and chief architect of Allure Security Technology Inc., which is commercializing technology that protects against information leakage/exfiltration and provides early warning, as well as possible identification, of malicious insiders. He has published extensively on the topics of computer science and information security, including over 40 articles in refereed journals and over 130 conference papers. He is co-inventor on 30 patents and was elected an Association for Computing Machinery (ACM) Distinguished Scientist in 2012.



Tim Klabunde

Director of Government Identification Solutions, Entrust Datacard

Currently the Director of Government Identification Solutions for Entrust Datacard, Mr. Klabunde has extensive international experience in product marketing and development. While at Entrust Datacard, he has led initiatives in the company's financial and government vertical markets, and has most recently been focused on public sector identity and security programs including identity lifecycle management and passport solutions. Prior to joining Datacard, Mr. Klabunde led the Emergency Communications and Radio Dispatch solutions business unit for Bosch Communications Group. These secure communications technologies are marketed to first responders, the military and emergency management agencies around the world. A lifelong Minnesota resident, Mr. Klabunde studied communications and business at the University of Minnesota and holds an MBA in Organizational Leadership.



Kathy Kraninger

Clerk, US Senate Appropriations Committee, Subcommittee on DHS Appropriations

Ms. Kraninger currently serves as the clerk on the Senate Appropriations Subcommittee on Homeland Security, which provides the Department of Homeland Security's (DHS) discretionary budget of nearly \$40

billion. Her Hill career includes positions with the House Appropriations Subcommittee on Homeland Security as well as the Senate Homeland Security and Governmental Affairs Committee. She has also served in executive branch posts with the Department of Transportation and DHS. Ms. Kraninger graduated magna cum laude from Marquette University and earned a law degree from Georgetown University Law Center. She served as a U.S. Peace Corps Volunteer in Ukraine.

Lolie Kull



Cybersecurity Solutions Group - Identity Practice, HP Enterprise Services

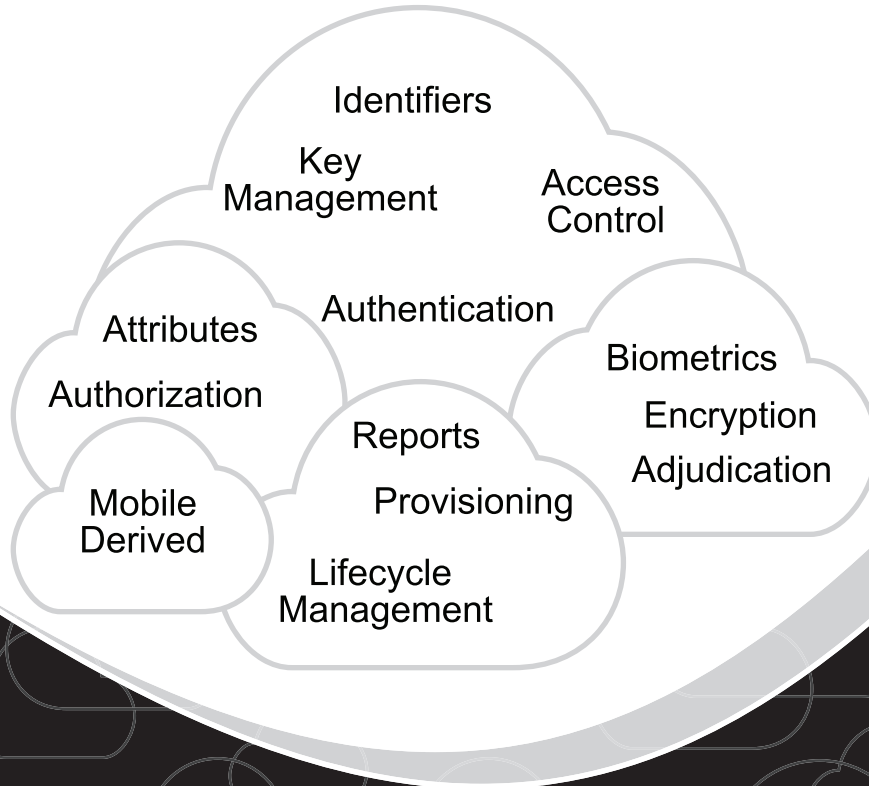









Lolie Kull, is with Hewlett Packard Enterprise Services and supports the U.S. Public Sector Enterprise Security Solutions within the Identity Practice. In that capacity, Lolie serves as the Assured Identity subject matter expert and supports multiple identity, credentialing and access management initiatives on the federal, state and local government level as well within the private sector. Lolie has extensive experience within the Federal Government and supporting Federal Government identity, credentialing and access management initiatives. During her tenure with the federal government, she was the Program Manager of the Department of Homeland Security's HSPD 12 office and responsible for meeting the deadlines as defined by the HSPD -12 directive and the Office of Management and Budget. She, also, served as the Program Manager for the Transportation Security Administration's (TSA) Transportation Worker Identification Credential (TWIC) Program from the end of the Technology Evaluation Phase to the scheduled end of the Prototype Phase of the program. Prior to joining the Department of Homeland Security's Transportation Security Administration, Lolie was employed by the U.S. Department of State, Bureau of Diplomatic Security, Office of Domestic Facility Protection. In her last assignment with the Department, she was responsible for the implementation of the Department's Smart Card Access Control Program that included the issuance of 30,000 smart cards and the implementation of a new smart card enabled physical access control system. Lolie Kull was a founding member of the Smart Card Alliance Physical Access Council, now the Access Control Council. She has been a member of the Smart Card Alliance since her tenure at the U.S. Department of State (DOS) and is the HP Enterprise Services primary point of contact for the Alliance.



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Philip Lam

Trusted Identity Strategist, NIST

Phil Lam is a Trusted Identity Strategist for the National Strategy for Trusted Identities in Cyberspace (NSTIC) National Program Office. He leads a portfolio of pilot projects under cooperative agreements with private sector companies, providing subject-matter expertise on user experience, security, interoperability standards and privacy. The mission is to seed the marketplace with solutions that individuals and organizations can use to access online services in a manner that promotes confidence, privacy, choice and innovation. Phil holds a BS in Computer Engineering from Northwestern University and an MBA from Purdue University.



Mark Lawrence

Senior VP IT Security, Orion Security



Robert Lewis

Electrical Engineer, CERDEC
Intelligence and Information Warfare
Directorate

Robert Lewis is a Department of the ARMY civilian who is currently working for CERDEC's Intelligence and Information Warfare Directorate. Mr. Lewis is managing an applied Research program called Harvester that is focused on developing and integrating non cooperative facial identification and recognition algorithms.



Eugene Liderman

Director of Public Sector Technology,
Good Technology

Eugene Liderman has over 15 years experience in the information technology field, specifically in networking, directory services, email, wireless email, mobility, and information security. Currently, Mr. Liderman is the Director of Public Sector in Product Management at Good Technology where his primary responsibility is to assist customers in navigating the unique mobile security challenges that exist within the federal, civilian and DoD markets. Prior to that, Mr. Liderman was the Director of Public Sector within the Office of the CTO and was also a Sr. Cyber Security Architect focusing on Public Sector.



Jim Loudermilk

Senior Level Technologist, Science and
Technology Branch, FBI

James Loudermilk is the Senior Level Technologist for the FBI Science and Technology Branch. He focuses upon identification issues, especially biometrics, and frequently represents the FBI on these topics. He recently served as the Department of Justice co-chair of the Biometrics and Identity Management Subcommittee of the National Science and Technology Council. He is a member of the FBI Biometric Steering Committee. He has previously served as Chief Architect, Chief IT Strategist, Deputy Chief Technology Officer, and Assistant Director of the IT Operations Division. Before entering the civil service, Mr. Loudermilk was in the private sector for over twenty years, holding various executive positions, in system engineering, software development, program management, logistics, and was a divisional CIO. Loudermilk holds Bachelor's and Master's Degrees in Mathematics from the University of Dayton and the Degree of Applied Scientist, in Communications Engineering, from the George Washington University. He is a graduate of the U.S. Army Command and General Staff College.



Sheila Loy Stromberg

Director Vertical Industries, Healthcare
Solutions, HID Global

Sheila Loy Stromberg is the Director of Healthcare Strategies for North America at HID Global. She is responsible to elevate the visibility of trends, innovations, and compliance drivers as it pertains to secure identity management and physical security solutions within the environments of healthcare providers, payers and pharmaceuticals. Sheila has over 25 years of technology solutions experience including more than a decade with HID Global.



Tamara Lubysheva

Polymer Scientist, Novetta

Tamara Lubysheva joined Novetta in 2011 and works in the Identity Intelligence division. She joined the Novetta Materials Lab working in the biometric spoofing problem space. She has a background in materials science and engineering with a focus in biomimetic and bioderived materials. She continues to work on expanding spoofing and testing methodologies to include more biometric modalities.

**Tom McCarthy**

DHS

**Hodari McClain**

Senior Technical Director, General Dynamics Information Technology

**Rene McIver**

Chief Security Officer, SecureKey

Rene McIver, Chief Security Officer, brings over 18 years of information security and privacy experience to SecureKey and is responsible for ensuring the security and privacy posture of SecureKey meets or exceeds both industry best practices and stringent regulatory requirements. To that end, Rene led the effort to achieve FedRAMP compliance for SecureKey's bridge.net™ exchange service, the first identity and authentication platform to be granted a FedRAMP Joint Advisory Board pATO. In addition, Rene is actively involved in standardization of the Identity Ecosystem and has recently been appointed Chair of IDESG's Standards Coordination Committee.

**Robert Merkert**

President, Americas, Advanced Card Systems Ltd.

Bob is President, Americas for Advanced Card Systems Ltd. (ACS). He is focusing on the sales of the core smart card reader products produced by ACS, especially for identification, payments, security, and transit. ACS, already the first ranked card reader company in Asia and the third worldwide, is confident that Bob will strengthen ACS's market share in the Americas. Bob had spent years in business development and sales capacities at SCM, now part of the Identive Group. His primary focus had been on logical access smart card readers for government applications. He was also one of the prime movers behind the development of the SCM Microsystems physical access control readers and has a patent on a physical access application. Bob has been a long time member of the Smart Card Alliance. He has been on the Board of Directors and has also served as a member of the Executive Committee. He is one of the founding members of the SCA Physical Access Control (PAC) Council. Bob has successfully completed both the general Certified Smart Card Industry Professional (CSCIP) and Government Certified Smart Card Industry Professional (CSCIP/G) programs.

**Gary Moore**

Senior Security Architect, Xtec

Gary Moore is a Senior Security Architect with XTec, Inc, specializing in security infrastructures, with a broad background working with Governments and large companies around the world. A strong, and recognized, leader in system and application security architecture and information security policy with over 20 years experience with identity security in the Government market, and 30 years experience in secure data and networking. Currently involved in policy, architecture and technical advisory work for identity solutions for the US Federal Government.

**Eric Munshower**

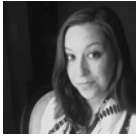
Technical Consultant, Novetta

Eric Munshower is a technical consultant currently helping Novetta to deliver agile, big data solutions and services to government and commercial organizations worldwide. His services are focused on helping customers understand, optimize, and deploy social, data, and analytic capabilities. His professional experience encompasses technical evaluations of biometric devices, identity management strategies, and proprietary research pertaining to social analytics in online environments.

**Derek Nagel**

Electronic Security Systems Division Chief, PFFA/SSD

Mr. Derek A. Nagel, Division Chief for the Pentagon Force Protection Agency (PFFA), is a veteran physical security specialist with 14+ years of dedicated experience in security program management, security system design and integration, and identity management. Mr. Nagel currently oversees the PFFA's ICAM, Video Surveillance and Access Control and Intrusion Detection programs. Mr. Nagel formerly served as the (Acting) Director of Security Services, managing a department of 70 personnel across a broad spectrum of security functions. Prior to coming to PFFA, Mr. Nagel secured foreign missions for the Department of State and served in the U.S. Marine Corps.



Caitlin Newark

Senior Consultant, Novetta

Caitlin Newark is a Senior Consultant within Novetta's Cyber, SIGINT, & Identity Discovery (CS&ID) division. Ms. Newark provides strategic consulting services and conducts innovative research into applications and markets involving traditional and emerging biometrics, social media-enabled situational awareness, and online identity technologies. Caitlin holds a Bachelor of Arts degree from the University of Pennsylvania. Novetta specializes in providing innovative, mission-critical technology products and solutions in identity management, large-scale data analytics, and entity resolution, cybersecurity, cloud computing, and custom solutions development to the intelligence community, Department of Defense, and other organizations.



Jeff Nigriny

President, CertiPath

Jeff's vision is for a single, unifying identity solution for LACS and PACS. As the founder and President of CertiPath, Jeff is committed to helping customers reduce the cost and increase the reliability and scalability of identity assurance associated with even the most massive projects. His efforts focus on overcoming the core challenges of identity and access management. His success has earned him recognition as one the industry's leading visionaries for solutions and services in the areas of electronic physical access, enterprise security, risk mitigation and security system design.



Michelle O'Connor

Director, Sales Operations, Identity & Information Governance, QuadraMed

Michele O'Connor is an international thought leader and respected public speaker on topics related to technology's role in healthcare transformation. She has published numerous articles and presented internationally on using information technology for the improvement of population health, and creating a single view of a patient to enable seamless linking with their records for healthcare information sharing. Michele previously worked in Worldwide MDM Sales at IBM where she served as healthcare Subject Matter Expert to the domestic and global clients for the Initiate product line.



Michael Papay

Vice President and Chief Information Security Officer, Northrop Grumman



Neville Pattinson

SVP, Government Affairs & Standards, Gemalto



Neville Pattinson is the Senior Vice President for Government Sales at Gemalto, Inc. based in Austin, TX. Within that role he constantly evangelizes the need to move to secure digital solutions to protect both identity and privacy. He is a leading expert and thought leader on digital security identity solutions such as smart cards, electronic passports, hardware tokens which use secure microprocessor chips to keep identity credentials including biometrics secure and private. He was consulted as part of the White House formation of the National Strategy for Trusted Identities in Cyberspace (NSTIC) and is now serving on the Management Board of NSTIC's Identity Ecosystem Steering Committee where he holds the Security Board seat. Mr. Pattinson is a founding Board Member of the Secure ID Coalition.



James J. Quinn

Lead System Engineer CDM Program, Department of Homeland Security

Mr. Quinn currently serves as the Lead System Engineer for the CDM program for Department of Homeland Security, where he is the primary technical point of contact for the \$6B CDM BPA and the CDM Dashboard contract. Prior to this position, he served as NPPD Deputy CTO, after being the DHS HQ Deputy CISO for DHS Enterprise Services. Before joining Homeland Security, Mr. Quinn had over thirty years of experience in the network and system development space for Alcatel, Cabletron and Digital Equipment Corporation. Mr. Quinn hold a B.Sc. (Honours) in Theoretical Mathematics with a minor in Research Methods from Saint Mary's University, Halifax, Nova Scotia and has received recognition from: International Who's Who in Information Technology, Who's Who in Global Business Leaders, and Who's Who in America, GISLA (2013) and NextGov Bold (2014).



Scott Rea

VP of Government and Education Relations and Sr. PKI Architect, DigiCert

Scott Rea, VP of Government and Education Relations at DigiCert, provides policy and technology subject matter expertise during the design and architecture of emerging PKI systems and works with DigiCert executive management in strategic planning and forecasting. Rea is an innovative thought leader and sought-after public speaker who participates in, and influences the development of, emerging PKI policies, practices, and applications. Rea is a founding member and current officer of several PKI trust federations including TAGPMA, REBCA, 4BF and DirectTrust. Rea is a member of federal advisory committees and working groups for Health IT Standards and the Federal Health Architecture.



Jennifer Reed

Director of Product Management, Novetta

Jennifer is Director of Product Management at Novetta. In this role, she is responsible for defining and implementing product strategy for Novetta Entity Analytics. Jennifer joined Novetta after serving as a Senior Product Manager at IBM for InfoSphere MDM. While at IBM, she was responsible for overseeing MDM strategy for Big Data, including unstructured data correlation, and entity resolution on Hadoop. With more than 20 years of technical expertise and background in financial services and government, Jennifer is focused on turning that knowledge into easier to implement solutions that solve the highly complex, real-world needs of Big Data customers.



Timothy Reininger

Director of the Digital Services Group, FutureLaw

Timothy Reininger serves as Special Advisor on Digital Identity to the Commonwealth of Virginia and Director of the Digital Services Group of FutureLaw, LLC, in Richmond, Virginia. He specializes in data privacy and information security law and policy. An internationally recognized expert on electronic signature law, identity law and policy, the notary office, and data privacy compliance, he has testified on these topics before the U.S. House Judiciary Committee, the California House and Senate Judiciary Committees, the Florida Senate Judiciary Committee, the Hague Conference on Private International Law, and presented before several national trade associations. In 2011, he spearheaded enactment

of the first law in the United States to authorize online notarization. As an author, he has contributed articles on information law and policy to Jurimetrics (The Journal of Law, Science, and Technology), the ABA's The SciTech Lawyer, and the Digital Evidence and Electronic Signature Law Review, as well as a chapter on electronic notarization to "Foundations of Digital Evidence," compiled by George L. Paul and published by the American Bar Association (2008, revised 2013). He is an active participant of the ABA's Federated Identity Management Task Force and the E-Discovery and Digital Evidence Committee. A member of the California, District of Columbia, and New Hampshire Bars, Tim earned his J.D. from the University of Michigan Law School and holds a B.S.F.S., cum laude, in International Affairs from Georgetown University School of Foreign Service.



Andy Rheuban

Booz Allen Hamilton



Morgan Richard

XTec Incorporated



Roger Roehr

Principal, Roehr Consulting



Roger Roehr specializes in identity management and physical access control. Roger's core competencies are in the design, installation, integration, and maintenance of electronic physical security, security video and access control systems. He is actively involved in developing standards for the integration of biometrics and smart card technology in Physical Access Control Systems (PACS). Previously he was involved in developing, testing, and implementing a wide range of integration and consulting engagements for identity management and electronic physical security.



Steve Rogers

President, IQ Devices

Steve Rogers (CSCIP) is an authority on Smart Cards/NFC reader technology, PACS, IDentity Management and Biometrics. President of IQ Devices, a senior security executive who has co-authored over 50 White Papers and is a regular Conference Speaker.

Steve's dedication to industry standards earned the SCA "Top/Outstanding Contributor Award" the last 4 years. He participates in the Mobile/NFC Council, a multi-term officer for Access Control Council (Secretary & co-founder), and Identity Council where he is elected member to both Steering Committees. Steve is distinguished for "Quarter Century Service" in ASIS and an active member in SIA; including the Access Control and Identity Subcommittee, the PIV and OSDP Technical Working Groups. He is contributing member of the GSA EPTWG and the RTCA S-224 defining Airport PACS.



Trevor Rudolph

EOP, Office of Management and Budget

Trevor H. Rudolph is the Chief of OMB's E-Gov Cyber and National Security Unit (E-Gov Cyber). In this role, Trevor is responsible for advising the U.S. Chief Information Officer and White House leadership on Federal cybersecurity policy, programs, and threats. Trevor is building OMB's first ever dedicated cybersecurity unit tasked with strengthening Federal cybersecurity through data-driven oversight and policy implementation. The E-Gov Cyber Unit is comprised of cybersecurity technical and policy experts with over 50 years of combined experience.



Grant Schneider

Federal Cybersecurity Advisor, Office of Management and Budget

Mr. Grant M. Schneider is a member of the Defense Intelligence Agency Defense Intelligence Senior Executive Service. In October 2014 Mr. Schneider was assigned as the Federal Cybersecurity Advisor within the Office of E-Government at the Office of Management and Budget. He is responsible for providing strategic guidance in all areas of federal cybersecurity. Mr. Schneider serves as the co-chair of the Federal CIO Council's Identity Credential and Access Management (ICAM) subcommittee (ICAMSC) which is focused on policy, standards and implementation of strong authentication capabilities for government to government as well as government to citizen interactions.



James Sheire

Director, FICAM, GSA

James Sheire serves as Director of the Federal Identity, Credential, and Access Management (FICAM) Program at the General Services Administration (GSA). Sheire

oversees and directs the development of policies and services for identity and access management to support Federal government cybersecurity initiatives and enable secure online service delivery to citizens, including serving as Co-Chair of the Federal CIO Council ICAM Subcommittee. Sheire draws on fifteen years of program, innovation, and strategy management experience in the federal government and the private sector, including recently as Senior Advisor to the National Strategy for Trusted Identities in Cyberspace (NSTIC) and previously as a Legislative Assistant to US Senator Ron Wyden (D-OR).



Marc Shichman

Vice President, Identity Engineering, Novetta



Nathaniel J. Short

Lead Scientist, Booz Allen Hamilton



Casey Shugar

Giesecke & Devrient America Inc



Marc-Anthony Signorino

IDESG



David Simonetti

Senior Fellow, ICF International



As a Senior Fellow at ICF International, Mr. Simonetti provides technical expertise on topics including federated identity management, smart card technology, and public key cryptography. Presently he supports several federal clients with their implementations of identity and access management, the management of hardware tokens and credentials, and development and implementation of policies and procedures related to FIPS 201. In past engagements he supported federated identity projects performed under the auspice of the General Services Administration (GSA) E-Authentication Initiative; and he provided architecture and deployment support to Visa and sponsoring financial institutions deploying smart Visa chip-based payment cards. He has CISSP and CSCIP/G certifications.



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- Integration of Smart Card and other identity management technologies.
- Testing and evaluation of authentication technologies.
- Mobile app development and enterprise cloud migration.
- Technology guidance and knowledge management.

TRACK 1

ID Security Technology & Applications

Wednesday, June 10th

1:30 PM

Novetta Senior Consultant Caitlin Newark

Mobile Biometrics for Device-based ID

Learn more about our solutions for identity management & insider threat detection.



TRACK 3

Biometrics Technology & Applications

Wednesday, June 10th

9:00 AM

Novetta Director Jennifer Reed

Panel: Identity and Data Analytics

1:30 PM

Novetta Senior Director Rob Wavra

Panel: Innovations in Biometrics in Homeland Security and Law Enforcement

3:15 PM

Novetta Polymer Chemist Tamara Lubysheva

3D-printing Fingerprint Artifacts



Chad Sine

Sr. Authentication Engineer, SAIC



Chad Sine is a Sr. Authentication Engineer in SAIC's Information Technology Office (ITO), responsible for strategy and design for strong authentication, smart cards, and Public-Key Infrastructure (PKI). Over the last 15 years, He has held a diverse set of roles including Security Officer, Network Engineer, and Web programmer in the medical, defense, and simulation industries. Chad has a B.S. in Computer Science and a graduate certificate in Technology Ventures from the University of Central Florida.



Brandy Sloan

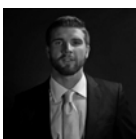
Business Development Manager - Federal, Gallagher



Mark Steffler

VP Government Practice, Quantum Secure and HID Company

Mark Steffler has over 20 years' experience in computer, network, and electronic physical security. With a BS in Electrical Engineering and Computer Science, Mark worked at AT&T and Exodus Communications in cyber security and more recently at Quantum Secure an innovator in physical identity and access management. Mark is the VP of the Government Practice for Quantum Secure and leads the company's initiatives in aligning its flagship product, SAFE, for widespread adoption in the federal government in conformance with FICAM and HSPD-12. Mark is a member of the Smart Card Alliance (SCA) Access Control Council as well as the Security Industry Association (SIA) Standards Access Control & Identity Subcommittee and regularly participates in open government sponsored forums focused on the evolution and adoption of FICAM and FIPS201.



Christian Straubs

Cyber Risk Consultant, Deloitte & Touche

Christian Straubs is a Cyber Risk Consultant for Deloitte & Touche LLP, where he provides both technical and functional support for Identity, Credential, and Access Management solutions. He graduated from James Madison University, with a degree in Computer

Information Systems in 2013. Before beginning a career in Cyber Security, he spent time in the restaurant industry and backpacked through Europe and Africa.



Joseph Stuntz

Office of Management and Budget

Joe Stuntz is focused on cybersecurity policy as a member of OMB's E-Gov Cyber and National Security Unit (E-Gov Cyber). Currently he is leading policy updates and issuances in many areas including FISMA and ICAM. Prior to this role, Joe was a consultant focused on cyber risk management for Federal and commercial clients. Joe holds an MBA from Georgetown University and a BBA from James Madison University.



Lars Suneborn

Director of Training Programs, Smart Card Alliance



During his 30 + year career in the security industry, Mr. Suneborn have served in various capacities with HIRSCH Electronics, Oberthur Technologies and Smart Card Alliance. Lars has become recognized as a Physical Access Control System (PACS) subject matter leader. As Director of Government Program with HIRSCH, Suneborn was deeply involved with PACS design and deployment for a wide variety of US, Canadian and British Security agencies in high-risk, high consequence sites nationally and worldwide. As part of security agencies desire to achieve internal self-sufficiency for long-term sustainability Suneborn developed and conducted customized agency specific week-long training courses and courseware as well as Train-the-Trainer programs for such agencies. wide. Suneborn was often specifically requested by name for specialized training requirements. As Director of the Smart Card Alliance Training Programs, Suneborn leading development and conducting ICAM E-PACS Certification Course for Federal and commercial System Engineers, Program Managers and Procurement officers and is assisting US agencies in their efforts to achieve HSPD-12- FICAM compliance. Suneborn is a frequent speaker and was for nearly six years, Chair of the SCA ACC.



Ron Sutton

Specialist Leader,
Security & Privacy,
Deloitte & Touche



Mr. Sutton has over 30 years of system development and management experience, including 16 years working with identity management programs involving smart cards, biometrics and cryptography. He has participated in both U.S. and international biometric standards organizations. His biometric experience includes work on the FBI's IAFIS, TSA's TWIC Prototype, GSA's SSP HSPD-12 program and DHS HSPD-12 program, among others. Mr. Sutton has been with Deloitte for 6 years.



Chris Taylor

Senior Product Manager, Entrust
Datacard

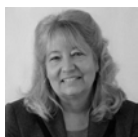
Taylor owns and manages Entrust IdentityGuard — the company's flagship identity-based software authentication platform. He specializes in identity-based security, cybersecurity, mobile security, smartcard technology and digital certificates. His engagement with customers, partners and industry analysts on market direction and technology trends is a top priority. Taylor brings a dedicated focus to a number of vertical markets, including financial, government and global-1000. Prior to joining Entrust Datacard in 2012 he served in a variety of product management and R&D roles with a number of global telecom and IT enterprise vendors.



Allison Thibault

Cyber Risk Consultant, Deloitte & Touche

Allison Thibault is a Cyber Risk Consultant for Deloitte & Touche LLP, where she provides support for Identity, Credential, and Access Management governance solutions. She graduated from Worcester Polytechnic Institute in 2014 with a BS in Electrical & Computer Engineering and a minor in Art.



Cathy Tilton

Vice President, Standards, Daon

Mrs. Tilton has over 30 years of engineering and management experience, including over 20 years in the biometrics industry. She has led or been involved in the design, development, and deployment of numerous

biometric systems in both the commercial and government domains, many of which involved smartcards. Most recently, she managed Daon's involvement in the NSTIC initiative and pilots, and served as chair of the Standards Coordination Committee of the ID Ecosystem Steering Group. She has also been very active in the development of national and international biometric standards, serving as the US head of delegation to ISO/IEC JTC1 SC37 subcommittee on biometrics and chairing the Biometric Identity Assurance Services (BIAS) Integration technical committee at OASIS. Previously, she held positions at SAFLINK, Unisys, and the US Army specializing in systems architecture/engineering, system integration & test, and project management. Applications have included biometrics, information security, electronic warfare, command and control, communications, navigation, and information processing systems. She has a BS in nuclear engineering from Mississippi State and an MS in systems engineering from Virginia Tech.



Randy Vanderhoof

Executive Director, Smart Card Alliance

Randy Vanderhoof is the Executive Director of the Smart Card Alliance. The Smart Card Alliance is a not-for-profit, multi-industry association of over 200 member firms working to accelerate the widespread acceptance of smart card technology in North America and Latin America. He came to the Alliance in January, 2002 and became the Executive Director in August, 2002. During his tenure as the chief executive, he has directed the transformation of the organization from primarily a networking organization into a diverse, education oriented, international, multi-industry organization that gathers industry stakeholders together to help stimulate the rapid adoption of all forms of smart cards (cards and other form factors) for electronic payments and digital security applications. In December 2008, Randy was named by Security Magazine to the list of the Top 25 Most Influential People in the Security Industry.



Keith Ward

President and CEO, TSCP

Keith Ward serves as President & CEO of Transglobal Secure Collaboration Participation (TSCP), www.tscp.org. TSCP is a cooperative forum in which leading system integrators, Financial Institutions, IT software, Energy, Aerospace and Defense, service providers and government agencies work together to establish and maintain an open standards-based framework to enable secure collaboration and assured information sharing between parties. The TSCP

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community is comprised of stakeholders who must operate in highly secure environments – defense, government, critical infrastructure, cyber networks, and financial services. Mr. Ward has over 28 years of proven Information Technology (IT) executive and business management experience in leading, managing and developing complex mission critical programs and solutions.



Rob Wavra

Senior Director, Novetta

Rob Wavra is a Senior Director at Novetta, leading Predictive Analytics and Entity Analytics practices within its Information Exploitation division. He manages a portfolio of predictive modeling, targeting, and name matching/entity resolution engagements at DHS and DOJ. He was previously President of Sentinel Applied Analytics (SAA), a boutique data analytics firm primarily serving DHS clients; SAA was acquired by Novetta in 2014. Prior to SAA, Rob was VP at The Sentinel HS Group, a law enforcement and civil security consulting firm, led Endeca's US Government professional services practice, and was a management consultant at Deloitte Consulting LLP.



Ed Wilmes

Strategic Mobility Architect, Hewlett-Packard Company

Ed Wilmes has been contributing in various roles in the mobility and communications space for over 25 years. His many roles have encompassed R&D, program management, and multiple architecture positions in both the defense and commercial spaces. Ed has Master's and Bachelor's degrees in Electrical Engineering and has presented published research at IEEE conferences, Enterprise Connect and HP Discover. Ed has a patent granted and other patents pending. Ed's products have won Internet Telephony's Product of the Year award and he has helped develop wireless technology and network products in a very successful venture-funded startup that became T-Mobile in the USA.



Chuck Wilson

Director of Program Management, Valid USA

Mr. Wilson has over 25 years' experience in the information technology (IT) industry with a vertical focus on public sector programs such as WIC, SNAP, TANF and Medicaid. He played a key role in implementing the first eMedicaid program, in project managing a large

Supplemental Nutrition Assistance Program (SNAP) system, and in the development of WIC (EBT) systems. Mr. Wilson has authored an array of planning documents for various state agencies. He is the author of multiple technology books on topics such as smart cards and biometrics. Today, Chuck is Director of Program Management in the Identity Solutions Division at Valid USA.



David Yachnin

Security Analytics, USPS, Hewlett-Packard Company

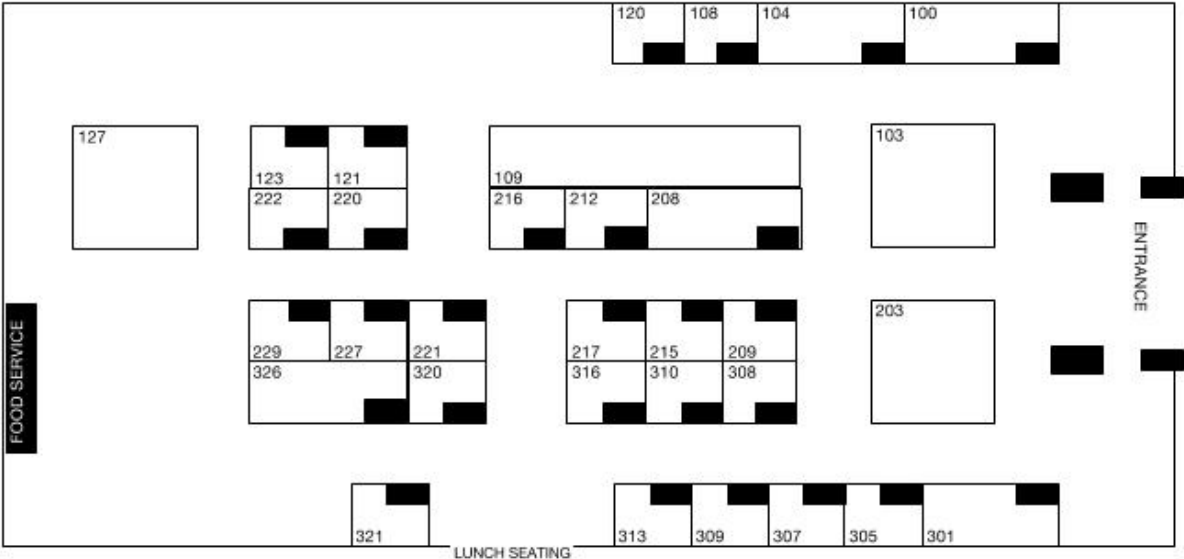
David Yachnin manages the development of the analytic-based security solutions being brought to market for HP Enterprise Services, U.S. Public Sector. David joined HP Software in 2010 and successfully led the public services sales efforts targeting Federal system integrators. In order to address the increasing demand for security solutions David transitioned to the Big Data and Analytics team to focus on insider risk for both Public Sector and commercial organizations. Prior to joining HP, David held senior positions in both sales and delivery with CA Technologies. Initially within the Office of the CTO, David was responsible for strategic direction for mobile security and SOA. David brought his expertise in Federal compliance requirements back to the sales team and took on the role of Director of Sales for Air Force and the Defense Information Systems Agency (DISA). David started his career with Cullinet Software and held several executive roles at Oracle and Progress Software.



Siegfried Young

President, Appian Logic LLC.

Exhibit Floor Plan



Exhibitors

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103	Gemalto	212	HID Global	308	NXP Semiconductors
104	Novetta	215	BridgePoint Systems	305	Quantum Secure
109	Intercede	216	Eid Passport	309	Ultra Electronics
120	Gallagher N. America	217	NetIQ	316	CertiPath
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208	Exponent	227	Tyco Integrated Security	326	XTec
		229	Giesecke & Devrient		

Exhibitors & Sponsors

Booth 100

ABnote



225 Rivermoor Street, Boston, MA
02132

www.abnote.com

For two centuries, ABnote has been a trusted provider of secure payment and identification solutions. Today we couple tradition with innovation. Yes, we provide expert card design services and secure ID card production. We provide contact, contactless, and dual-interface EMV cards and personalization, gift card production and packaging, and smart cards for a variety of industries...But beyond that, ABnote is investing in tomorrow, rapidly expanding our library of mobile and virtual solutions, leading the pack with secure mobile provisioning, NFC, HCE, and BLE solutions, mobile wallets, and geo-analytics that are truly unmatched in the industry.

Booth 313



Advanced Card Systems

8 Wang Hoi Road Units 2010-
2013, Chevalier Commercial
Centre, Kowloon Bay Hong Kong

www.acs.com.hk

Advanced Card Systems Ltd. (ACS, wholly owned subsidiary of Advanced Card Systems Holdings Ltd., SEHK: 8210), founded in 1995, is Asia Pacific's top supplier and one of the world's top 3 suppliers of PC-linked smart card readers, as well as the winner of the Product Quality Leadership Award for Smart Card Readers from Frost & Sullivan. One of the companies on the Forbes Asia's 2010 and 2014 'Best Under a Billion', ACS develops a wide range of high quality smart card reading/writing devices, smart cards and related products and distributes them to over 100 countries worldwide.

Booth 215



Bridgepoint Systems, Inc

Berkeley, CA

www.bridgepointsystems.com

A leader in delivering security solutions for almost 20 years, Bridgepoint Systems offers innovative technology that embeds public key infrastructure in an agile, user friendly approach to identify assurance in physical access, providing common-access-card readers (CACs), TrustZone Physical Access Control Systems, Physical Access Control Systems (PACS), Personal Identification Verification readers to many federal agencies as well as critical infrastructure and corporate/enterprise solutions. Founded in 1995 and located in San Leandro, California, Bridgepoint Systems is a leader in security solutions in this ever-changing landscape of threats and challenges.

Reception Beverage Host, Booth 220

Carillon Federal Services



8300 Boone Blvd., Ste 500,
Vienna, VA 22182

www.carillonfedserv.com

Carillon Federal Services provides a complete spectrum of identity management solutions that are designed to prevent identity theft, promote the migration from paper to electronic authentication, and avoid loss of intellectual property. From PIV-I credentials issuance, to certificate validation software and managed identity services, Carillon can provide the skill sets and tools to help companies take control of their corporate digital credentials.

Booth 316

CertiPath



11921 Freedom Drive Suite 710,
Reston, VA 20190

www.certipath.com

CertiPath focuses on the use and importance of identities implemented on high assurance credentials. Trusted identities are the first and foremost component to securing your network, data and buildings. Identity management is the means to accomplishing this. CertiPath applies its unparalleled experience to create a suite of innovative, scalable identity management products and services. Through the use of these tools, CertiPath protects the investment its customers make in

implementing high assurance credentials – the means by which access to critical assets is authenticated. CertiPath's suite of products monitor, interpret and leverage the Trust Fabric insuring your assets are being accessed by valid and vetted users.

Booth 123



Creative Information Technology, Inc.

7799 Leesburg Pike Suite 500 N,
Falls Church, VA 22043

www.manageid-us.com

manageID provides a "Identity Management Solutions Platform" for organizations to implement identity management programs such as FICAM/HSPD-12 based on the use of Biometrics, PKI, and Smartcard technologies, to manage the entire lifecycle of enrolled individuals and entities such as mobile devices.

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www.usa.dupontteijinfilms.com

Booth 216

Eid Passport



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Hillsboro, OR 97124

www.eidpassport.com

The RAPIDGate® Program has over 10 years of expertise in high-assurance identity management, contributing to safer and more secure environments for commercial, government and military facilities. The program's end-to-end Personal Identity Verification Interoperable (PIV-I) credentialing service offers vendors, suppliers and service providers, who require escorted or authorized access to secure facilities or sensitive corporate resources, a solution for better risk mitigation. RAPIDGate has credentialed more than 900,000 vendor employees representing approximately 65,000 companies doing business with the U.S. Navy, Army, Marine Corps and Coast Guard. As a result, Eid

Passport is the leading commercial provider of U.S. Department of Defense recognized vendor credentials.

Booth 221



EK Ekcessories

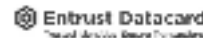
575 West 3200 South, Logan, UT
84321

www.ekusa.com

For 28 years E.K. Ekcessories has been producing superior quality made accessories. E.K. accessories are distributed in over 40 countries and across 9 industries.

Booth 321

Entrust Datacard



5430 LBJ Freeway, Suite 1250,
Dallas, TX 75240

www.entrustdatacard.com

About Entrust Datacard; Consumers, citizens and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services or logging onto corporate networks. Entrust Datacard offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports and ID cards to the digital realm of authentication, certificates and secure communications. With more than 2,000 Entrust Datacard colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide. For more information, visit www.entrustdatacard.com.

Booth 208

Exponent



149 Commonwealth Dr., Menlo
Park, CA 94025

www.exponent.com

Exponent is an engineering consulting firm with a staff of over 900 specializing in the investigation and prevention of quality problems and failures. In the field of smartcards and identification technology, we offer technical expertise to make smartcards, passports, keyfobs, equipment, and processes more reliable. Examples include • In-Depth Engineering and Technical

Consulting • Interoperability and Quality Assurance Testing • Standards/Specifications (FIPS201, CAC, ICAO, ISO, ANSI, etc.) Evaluations • Product Failure Analysis and Prevention • Product Durability Evaluations • Cyber Resiliency; Data Analytics; Anomaly Detection • Program Risk Mitigation. For more information, please contact Brad McGoran, P.E., 650-688-7013, mcgoran@exponent.com, or visit http://www.exponent.com/identity_management_and_security/. Exponent is certified to ISO9001.

Full Day Break, Banner Sponsor

Booth 120



Gallagher

5005 NW 41st Street, Riverside,
MO 64150

www.security.gallagher.co

Leveraging their strength in research, design, and development, the privately owned and operated NZ company has grown to be a global technology leader in the development and manufacture of integrated security solutions. Gallagher's security solutions are utilised in more than 130 countries around the world, and are employed in all major industries, including education, ports and airports, military and defence, critical infrastructure, mining, corrections, finance, entertainment, and healthcare.

Conference Bag Sponsor, Booth 103

Gemalto

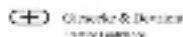


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Arboretum Plaza II, Suite 400,
Austin, TX 78759

www.gemalto.com

Gemalto (Euronext NL0000400653 GTO) is the world leader in digital security with 2013 annual revenues of €2.4 billion and more than 12,000 employees operating out of 85 offices and 25 research and software development centers, located in 44 countries. We are at the heart of our evolving digital society. Billions of people worldwide increasingly want the freedom to communicate, travel, shop, bank, entertain and work – anytime, anywhere – in ways that are convenient and secure. Gemalto delivers on their expanding needs for personal mobile services, identity protection, payment security, authenticated online services, cloud computing access, modern transportation, M2M communication, eHealthcare and eGovernment.

Booth 229



Giesecke & Devrient America, Inc.

45925 Horseshoe Dr, Dulles, VA
20166

www.gi-de.com

As a worldwide leader in Mobile Security solutions, G&D has unparalleled experience in the emerging mobile payment market. We secure credentials and the trusted execution environment, delivering best-in-class Secure Elements, TSM services and SE lifecycle management for banks, MNOs, and services providers. G&D offers a broad NFC portfolio of products and services targeted to the provisioning and administration of NFC services. G&D is also a leading provider of smart cards and associated software and server solutions for telecommunications, payment, transit healthcare, identity, and authentication market segments. With world headquarters based in Munich, G&D has subsidiaries around the world, employing 10,000 people and generating annual revenue of €1.7 billion.

Booth 212

HID Global



611 Center Ridge Drive, Austin,
TX 78753

www.hidglobal.com

HID Global is the trusted leader in products, services and solutions related to the creation, management, and use of secure identities for millions of customers worldwide. Recognized for robust quality and innovation, HID Global is the supplier of choice for OEMs, integrators, and developers serving a variety of markets that include physical access control; IT security, including strong authentication/credential management; card personalization; visitor management; government ID; and identification technologies for technologies for a range of applications.

Booth 301



HP Enterprise Services

13600 EDS Drive, Herndon, VA
20171www.eds.com

HP creates new possibilities for technology to have a meaningful impact on people, businesses, governments and society. The world's largest technology company, HP brings together a portfolio that spans services, printing, personal computing, software, and IT infrastructure to solve customer problems. More information about HP (NYSE: HPQ) is available at hp.com/gov/transformation

Booth 109



Intercede

11950 Freedom Drive 13th Floor,
Reston, VA 20190www.intercede.com

Intercede specializes in identity, credential management and secure mobility solutions. They create a foundation of trust between connected people, devices and apps. Intercede's MyID software is an identity and credential management system that enables organizations to create and assign trusted digital identities to employees, citizens and machines and in turn allows secure access to services, facilities, information and networks. Its MyTAM service enables trusted applications to be loaded into a mobile device's Trusted Execution Environment to provide hardware-level security for Android apps. The cloud-based service provides a cost-effective and convenient way for developers and corporations to protect their apps and users' sensitive data.

Booth 217



NetIQ

1233 West Loops, Houston, TX
70027www.etiq.com

NetIQ is a global enterprise software company that meets the demands of today's IT environment with broad, proven solutions for identity and access management, security and data center management.

Full Day Break Sponsor



NextGenID

10226 San Pedro, San Antonio,
TX 78216www.nextgenid.com

NextgenID® is a leading global provider of Trusted Identity Assurance, Management and Credentialing solutions. The NextgenID Trusted Identity Assurance & Management Ecosystem (ID*TRUST Platform™) was developed to specifically address Government & Commercial identity management challenges at both the technical and financial levels. The NextgenID - ID*TRUST Platform™ combines people, process and technology to deliver a solution that has generated remarkable success at the enterprise level. Where all others, including some of the largest government contractors in the world (with tremendous resources and virtually unlimited staff) have failed, NextgenID has built a reputation for success and achievement.

Track Sponsor, Booth 104



Novetta

7921 Jones Branch Drive 5th
Floor, McLean, VA 22102www.novetta.com

Novetta is the biometric and identity management industries' leading independent research, integration and consulting firm, providing a range of services to government and private sector clients. Novetta additionally provides expertise and capabilities in virtual/online identity, cyber security, geospatial analytics, identity analytics, social analytics, mobile development, cloud computing & virtualization, and video forensics & exploitation. Please visit us at Booth 602 to learn more about our solutions for identity management and insider threat detection.

Booth 308



NXP

1455 Pennsylvania Avenue NW,
Suite 400, Washington, DC 20004

www.nxp.com

NXP is a leading technology supplier for electronic Identification documents. Its solutions are trusted by 98 governments worldwide for their electronic passports, ID cards, benefit entitlement documents, driver licenses and voter's identification credentials. NXP's Mifare® technology is used in more than 750 cities across the globe.

Registration Badge Sponsor , Booth 203



Oberthur Technologies

4250 Pleasant Valley Road,
Chantilly, VA 20151

www.oberthur.com

OT is an Intergraf certified security printer with over 150 years of history in the production of high security credentials. As a global leader, Oberthur produced over 1 billion smart cards and 150 million ID cards worldwide in 2013 alone. We are the premier provider of the Personal Identity Verification (PIV) credential to the US Federal government producing over 7 Million PIV cards to more than 100 agencies. We provide an end-to-end packaged solution including enrollment, ID card production, personalization of smart cards, and distribution of the identification documents.

Booth 305



Quantum Secure

100 Century Center Ct. #800, San
Jose, CA 95112

www.quantumsecure.com

SAFE for Government is an enterprise software solution that enables federal agencies, DoD facilities, and other high security government areas to align with FICAM and streamline their physical security operations as it relates to physical access. Our solution centralizes identities, ensures compliance, and provides continuous risk assessment without having to rip and replace existing security infrastructure while providing PIV, CAC, PIV-I validation for employees and contractors, Government ID authentication, and physical access auditability. With the SAFE for Government solution, security teams can

now simplify the control of employees, visitors, vendors and other third-party identities across a global organization to ensure each identity has the right access, to the right areas, for the right length of time.

Booth 222

SecuEra



8000 Towers Crescent Drive 13th
Floor, Vienna, VA 22128

www.secuera.com

Secuera Technologies provides security solutions that simplify complex identity management with a device agnostic platform to issue secure multifactor credentials of people and the internet of things. Our UCMS platform enables clientele to customize their identity workflows to issue secure trusted credentials that deliver intelligent identity and access assurance anytime, anywhere. Secuera adheres to standards such as (PIV, FIPS, NIST, ICAO, MINEX II) to provide PKI and Non-PKI credentials to everyone and everything. We will be demonstrating our products and software, including Unified Credential Management System (UCMS), UCMS Mobile, derived credentials, and identity verification solutions. Come visit us at booth # 222 to aid in creating the ecosystem of trust! www.secuera.com

Booth 222

SecureKey Technologies Inc.



4101 Yonge St Ste 501, Toronto
ON M2P1N6 Canada

www.securekey.com

For online services that require privacy and security, SecureKey is the identity and multi factors authentication service provider that gives consumers secure and convenient access to online services that require high business confidence for consumer identity. Its services allow organizations to build or subscribe to a federated identity network that connects consumers to online services by using trusted credentials relationships. SecureKey is headquartered in Toronto, with offices in Boston, Washington D.C., and San Francisco. The company is backed by a world-class group of venture and corporate investors that include strategic investments from Visa, MasterCard, Discover, Rogers Venture Partners, and Intel Capital.

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Creating Confidence. Giesecke & Devrient has been developing security solutions for over 160 years. As the world has advanced, we've kept pace. Today, we are a world leader in pioneering technologies that secure how people pay, communicate, and authenticate. Our solutions, products, and services range from innovative hardware and software to end-to-end solutions for EMV, NFC and TSM, SIM and Device Management, LTE, Mobile Authentication, Subscription Management and M2M.



G&D provides FIPS201 certified PIV cards to Federal Agencies for physical and logical access. These cards have received very favorable reviews in the field and are a welcome complement to G&D's robust product lines for identity and authentication applications. Get to know us at www.gi-de.com.



Giesecke & Devrient
Creating Confidence.

Booth 127



Smart Card Alliance

191 Clarksville Rd, Princeton Junction, NJ 08550

www.smartcardalliance.org

The Smart Card Alliance is a not-for-profit, multi-industry association working to stimulate the understanding, adoption, use and widespread application of smart card technology. The Alliance invests heavily in education on the appropriate uses of technology for identification, payment and other applications and strongly advocates the use of smart card technology in a way that protects privacy and enhances data security and integrity. Through specific projects such as education programs, market research, advocacy, industry relations and open forums, the Alliance keeps its members connected to industry leaders and innovative thought. The Alliance is the single industry voice for smart card technology, leading industry discussion on the impact and value of smart cards in the US and Latin America.

Booth 209



Thursby Software

4901 S. Collins Street, Arlington, TX 76018

www.thursby.com

Thursby Software, Arlington, TX, is celebrating a quarter century of enterprise Apple integration and security. Over the last six years we have added CAC and PIV smart card authentication for Macs and most recently iPad, iPhone, and Android devices. Federal clients include the Pentagon, Army, Navy, NIH and FRB. Our 55,000 worldwide clients include the healthcare, finance, energy, education and media sectors as well as government.

Booth 227



Tyco Integrated Security

3601 Eisenhower Ave 3rd Floor, Alexandria, VA 22304

www.tycois.com

Tyco Integrated Security helps companies work safer and smarter. We are 10,000 people dedicated to providing the most advanced business security solutions in North America. We help companies protect their employees, customers, facilities and operations from

internal and external threats, and allow business to work smarter through enhanced security management and information management solutions.

Booth 309



Ultra Electronics Card Systems

6711 176th Avenue NE, Redmond, VA 98052

www.ultramagicard.com

Ultra Electronics Card Systems is part of the international aerospace, defence and security group, Ultra Electronics Holdings plc. With 4,000 employees, located mainly across the UK and North America, Ultra Electronics concentrates on obtaining a technology edge in niche markets, with many of our products and technologies being market leaders in their field.

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XTec

11180 Sunrise Valley Dr Ste 310, Reston, VA 20191

www.xtec.com

XTec is a leader in secure, interoperable authentication and verification systems. XTec develops, produces, and licenses enterprise level security solutions for Credentialing, Access Control, Information Systems, and Electronic Commerce for government and commercial uses. XTec's focus is on providing a secure foundation from which customers can build secure enterprise web-based applications and cryptographic systems. XTec was one of the first companies to be certified by GSA as an "End-to-End" FIPS 201 solution provider. XTec is a recognized leader in both government and commercial circles for its expertise and products for credentialing, identity, secure payment, and access control. For more information about XTec, visit our Web site <http://www.xtec.com>.

Booth 320

Zeva



11710 Plaza American Drive Suite
2000, Reston, VA 20190

www.zevainc.com

Zeva is a technology-driven company delivering software solutions and expert consulting to commercial and government markets. Our principals have over 20 years experience building solutions for Microsoft technology, and optimizing the Microsoft software investments of our customers. We serve as a trusted Microsoft Architecture Advisor to more than half of our commercial and government clients, and we are proud to have earned a 100% customer satisfaction rating.



Certification Training for E-PACS

About CSEIP

- The Certified System Engineer ICAM PACS (CSEIP) Training and Certification Program provides advanced training for systems engineers configuring and testing E-PACS to align with government-wide specifications
- This training and certification is recognized and approved by GSA

About the Training

- Comprehensive three-day program includes expert classroom instruction, hands-on training using commercial E-PACS equipment and testing for competency on course objectives
- Course offers instructor-led training on how E-PACS work, how PKI is managed, and how PIV/PIV-I credentials interface with security systems
- Individual test workstations using commercial E-PACS hardware and software provides hands-on exercises for configuration of live PKI-based access control systems
- A comprehensive written and practical exam wraps up the program with certificates issued upon successful certification

Who Should Attend?

- Commercial security firms looking to sell and install ICAM PACS to GSA managed properties under updated GSA procurement guidelines for vendors and integrators
- Physical access control vendors who need to train their employees and resellers about proper steps to configure PKI-based PACS
- Government security officials responsible for implementing and operating PACS at their department or agency

Meets Federal Requirements and Highest Industry Standards

- Certification means that you have passed a rigorous, GSA-approved training program which demonstrates your ability to efficiently and effectively implement PKI and federal ICAM architectures for E-PACS
- CSEIPs demonstrate knowledge of the latest security industry standards and meet federal procurement requirements



Learn More Today

Visit the CSEIP section of the Smart Card Alliance website for complete training information, prerequisites, exam dates, and a full description of this program; <http://www.smartcardalliance.org>

Association & Media Sponsors

Association Sponsor



ACT Canada

85 Mullen Drive, Ajax, Ontario, L1T 2B3 Canada

www.actcda.com

ACT Canada is the internationally-recognized authority, trusted knowledge resource and catalyst for change in payments and secure identity. We serve stakeholders from around the world, working with them to shape the future of mobile, NFC, loyalty, leveraging EMV and secure payments. For 22 years, ACT Canada has been providing members with insights, networking opportunities and visibility in this ever-changing market. As a non-profit membership association, ACT Canada supports our members, protects their interests, and helps them grow the market and their business.

Media Sponsor



Card & Payments World

3A Market Place, Uppingham, Leicestershire, United Kingdom

www.cardworldonline.com

Card & Payments World is the highly respected international newsletter that has been providing in depth information on the global card industry for over 20 years. Card & Payments World searches out the stories you won't find elsewhere, and covers all industry sectors including mobile and internet payments. A subscription to Card & Payments World includes an online daily news service with email alerts, a published newsletter every month, access to our Source Book and special reports. For more information visit www.cardworldonline.com or email maxine@cm-media.net

Association Sponsor



EMV Migration Forum

191 Clarksville Rd, Princeton Junction, NJ 08550

The EMV Migration Forum is a cross-industry body focused on supporting the EMV implementation steps required for global and regional payment networks, issuers, processors, merchants, and consumers to help ensure a successful introduction of more secure EMV chip technology in the United States. The focus of the Forum is to address topics that require some level of industry cooperation and/or coordination to migrate successfully to EMV technology in the United States. Since its formation, more than 150 organizations from across the payments industry have joined as members. Membership is required for attendance at all Forum meetings.

Media Sponsor



FierceGovIT

www.FierceGovernmentIT.com

FierceGovernmentIT tracks the latest technological developments in the U.S. government. Federal employees and IT executives rely on our website and free email newsletter for news on cybersecurity, defense IT, network communication systems, open government and other IT advances implemented by government agencies. <http://www.FierceGovernmentIT.com>

Association Sponsor



GlobalPlatform

www.globalplatform.org

GlobalPlatform identifies, develops and publishes specifications which facilitate the secure and interoperable deployment and management of multiple embedded applications on secure chip technology. Its proven technical specifications are regarded as the international industry standard for building a trusted end-to-end solution which serves multiple actors and supports several business models. The freely available specifications provide the foundation for market convergence and innovative new cross-sector

partnerships. The technology has been adopted globally across finance, mobile/telecom, government, healthcare, retail and transit sectors. GlobalPlatform is a member driven association with cross-industry representation from all world continents. Its members contribute to technical committees and market-led task forces. www.globalplatform.org

Association Sponsor

International Card Manufacturers Association



191 Clarksville Rd, Princeton, NJ
08550

icma.com

The International Card Manufacturers Association (ICMA) serves the dynamic card industry and the various companies and organizations involved in manufacturing and personalizing these cards. Billions of cards fill pockets and purses throughout the world. As the complexity of card manufacturing and applications has increased, so have the production, standards, quality, security and environmental issues surrounding the cards. ICMA is a forum for education, networking, idea-sharing, and collaboration for all companies represented in the industry.

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ISO & Agent

One State Street Plaza, 7th Floor,
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www.isoandagent.com

ISO&Agent is the merchant acquiring industry's premier publication, combining timely news and articles on ways to boost revenue with insightful and relevant analysis of long-term trends shaping the industry. ISO&Agent magazine and ISO&Agent Weekly reaches over 12,500 subscribers in the ISO market. Look no further than the leading industry publication to showcase your products and services to these influential professionals. No other industry publication comes close to the breadth, depth and quality of our circulation. Please contact Hope Lerman for advertising opportunities, at hope.lerman@sourcemediacom or 312-475-0649

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Java Card Forum

javacardforum.com

The Java Card Forum is a collaboration of companies from the smart card, secure operating system, and secure silicon industry, working together to promote and develop Java as the preferred programming language for multi-application smart cards and secure devices.

Association Sponsor



NFC Forum

401 Edgewater Pl Ste 600,
Wakefield, MA 01880

www.nfc-forum.org/

The NFC Forum is a non-profit industry association founded in 2004 by leading mobile communications, semiconductor, and consumer electronics companies. Its mission is to advance the use of NFC technology by developing specifications, ensuring interoperability among devices and services, and educating the market about NFC. The Forum's 160+ global members are developing specifications for a modular NFC device architecture, and protocols for interoperable data exchange and device-independent service delivery, device discovery and capability.

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The Nilson Report

www.nilsonreport.com

The Nilson Report is the most relevant and respected source of global news and analysis of the card and mobile payment industries. The subscription newsletter provides proprietary statistics on the current status of the payments space, as well as concise vendor, personnel, and product updates. David Robertson, Publisher of The Nilson Report, is a recognized expert in the field, and is a frequent speaker at industry conferences. Over 18,000 readers in 88 countries worldwide value The Nilson Report to track industry trends and provide market information. For more information visit www.nilsonreport.com.

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The Green Sheet

1160 N Dutton Ave., Suite 200,
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www.greensheet.com

Founded in 1983 by industry pioneer Paul H. Green, The Green Sheet Inc. was the first publisher to focus exclusively on the payment industry's ISO and merchant level salesperson channel. The Green Sheet now reaches a majority of players in that space through three synergistic vehicles. The Green Sheet is a semimonthly resource providing complete, original coverage of important and emerging issues in the ever-evolving payments industry. GSQ is a four-color, glossy quarterly offering in-depth analyses of topics central to the payments industry. GS Online is a Web resource showcasing breaking industry news and events; the MLS Forum, which facilitates free, secure interactive discussion among industry peers; current and back issues of The Green Sheet and GSQ; and much more.

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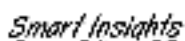
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Smart Insights

www.smartinsights.net

Smart Insights is the best information source on the Secure Transactions industry. Smart Insights Weekly is a newsletter covering the smart card industry, its businesses, its technologies, its markets as well as its

technology suppliers. Smart Insights covers all the major trends in the industry, it encompasses worldwide business, standardization bodies ... Smart Insights Reports are research reports providing key facts and figures as well as strategic insights about a technology, an area or a major issue in the secure transaction industry. Smart Insights Reports bring business modeling, forecasting and competitive analysis. Smart Insights: facts . intelligence . now . More information at <http://www.smartinsights.net>

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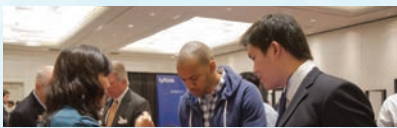
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ARIZONA GRAND RESORT • PHOENIX, ARIZONA

The Leading Conference Showcase for the Entire NFC Value Chain, Presented by the Industry Leaders

The leading American showcase for the burgeoning technology of Near Field Communications arrives in Phoenix this October with an expanded look at developments in new NFC devices and add-ons, the status of the growing NFC ecosystem, the growing world of NFC-enabled payments and other applications, NFC security and other implementations, and American and international market forecasts.

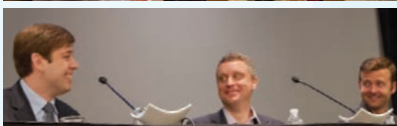
With the advent of iPhone 6 and ApplePay, NFC technology is now standard on the vast majority of new devices, and consumer awareness has grown. The market is primed for new applications and services enabling quick transactions, ticketing, digital content exchange, advertising and marketing services, secure identification, physical and logical access, social networking and communication between electronic devices. The authoritative expertise of the Smart Card Alliance and NFC Forum brings together a broad base of industry players in a conference event that features leaders from every relevant sector for an interactive, instructive forum on the NFC business issues, implementation milestones, and technology advancements.



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HUNDREDS WILL PARTICIPATE:
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THE TWO-DAY MULTI-TRACK CONFERENCE FEATURES DOZENS OF NFC LEADERS

Conference Agenda: Built on a Broad Base of Association Expertise

The conference presentations will leverage the extensive experience and resources of Smart Card Alliance and NFC Forum, both widely regarded as leading voices for the application of this technology. Conference content will include:

Standards and Technology:

Smart Phones and Devices, NFC System Architectures, Standards for Trusted Service Manager (TSM), and NFC Forum Specifications

Security and Applications Management:

Security Architectures for NFC, Bank Card Payments Application Security, Identity Credentials Storage in NFC Devices, NFC Secure Element Architectures, NFC Application Download and Management

Implementation and Applications Topics:

Financial Service Applications, Identity and Security Applications, Ticketing and Fare Collection Applications, Retail Applications

Market and Business Model Topics:

Challenges and Opportunities for Financial Institutions, NFC Business Partnership Opportunities and Challenges, Use Cases for NFC, Reports on Commercial Services and Pilots



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Spring 2015

ACCESS CONTROL COUNCIL

The Smart Card Alliance Access Control Council is focused on accelerating the widespread acceptance, use, and application of smart card technology for physical and logical access control. The group brings together, in an open forum, leading users and technologists from both the public and private sectors and works on activities that are important to the access control community and that will help expand smart card technology adoption in this important market.

ACCESS CONTROL COUNCIL ACTIVITIES

The Council works on projects to stimulate the use of smart card technology for access control. Activities include:

- Developing white papers and briefings on best practices for using smart card technology for access to facilities, networks, devices and information systems
- Providing industry resources to assist the Federal, international, state and local governments, and enterprises in leveraging FIPS 201 Personal Identity Verification (PIV) cards and PIV interoperable policy and credentials for access control
- Providing industry resources to assist organizations in using standards-based smart cards for access control
- Participating in the development of standards and specifications for using smart cards in physical and logical access control systems
- Collaborating with other industry organizations to influence standards and develop best practices

COUNCIL RESOURCES

Events

- Mobile Devices and Identity and Access Control Applications Workshop, ISC West 2014
- Personal Identity Verification (PIV) in Enterprise Physical Access Control Systems (EPACS) Workshop, Smart Card Alliance 13th Annual Government Conference

White Papers

- Authentication Mechanisms for Physical Access Control
- Commercial Identity Verification (CIV) Credential: Leveraging FIPS 201 and the PIV Card Standards

- A Comparison of PIV, PIV-I and CIV Credentials
- Considerations for the Migration of Existing Physical Access Control Systems to Achieve FIPS 201 Compatibility
- Federal Identity, Credential and Access Management (FICAM) Roadmap and Implementation Guidance Summary
- Interoperable Identity Credentials for the Air Transport Industry
- PACS Primer for PIV brief (in collaboration with the Security Industry Association (SIA))
- Personal Identity Verification Interoperability (PIV-I) for Non-Federal Issuers: Trusted Identities for Citizens across States, Counties, Cities and Businesses
- Physical Access Control System Migration Options for Using FIPS 201-1 Compliant Credentials (in collaboration with the OSE, SIA and IBIA)
- PIV Card/Reader Challenges with Physical Access Control Systems: A Field Troubleshooting Guide
- Smart Cards and Biometrics
- Strong Authentication Using Smart Card Technology for Logical Access
- Supporting the PIV Application in Mobile Devices with the UICC

INDUSTRY COLLABORATION AND COMMENTARY

- Collaboration with the International Biometric Industry Association (IBIA) and Security Industry Association (SIA)
- Submission of industry comments and recommendations to: GSA on FIPS 201 Evaluation Program documents; Interagency Security Council; NIST on SP 800-73-4 and SP 800-157

The Council also collaborates with the Smart Card Alliance Identity Council and Mobile & NFC Council on industry comments, white papers and educational workshops.

FIND ACCESS CONTROL COUNCIL RESOURCES ONLINE:
www.smartcardalliance.org/activities-councils-access-control



MEMBER COMMENTS

"The Access Control Council provides a unique resource for the discovery, discussion, and dissemination of the issues that drive the physical access control system (PACS) marketplace. Companies and individuals need to continue to evaluate where to spend their resources among the competing organizations, web sites, meetings and other sales and educational opportunities. For IDmachines it is an easy decision to continue to invest in a close involvement with the Council's activities. Frankly it is great to get together on a regular basis with people who understand the intricacies and evolution of a modern PACS as well as the realities of the business. As a result the Access Control Council represents, in my opinion, one of, if not the industry's most important working group. Simply look at the council's output over the last few years if there is any question about this claim."

—Salvatore D'Agostino, CEO, IDmachines

"The Smart Card Alliance Access Control Council has been a very valuable source of current and relevant information regarding technology trends and government and industry initiatives and also serves as a forum to provide input, share views and help influence the future of our industry. It provides a view of things to come which helps tremendously in planning and solutions development."

—Tony Damalas, Principal Architect - Government Solutions, Stanley Security Solutions, Inc.

"The Smart Card Alliance Access Control Council provides an important forum for information exchange, education, and leadership on important matters pertaining to the use of technology for secure access to facilities and information systems. The objective work of this group is highly respected by both government and commercial enterprises and I am proud to be a participant in the Council."

—Walter Hamilton, Sr. Consultant, Identification Technology Partners

"The Access Control Council provides real life implementation guidance for corporations, agencies and end users. It leverages the combined expertise of private and federal members to address industry topics and trends. As a result the resources that are available through the Access Control Council are useful to any stakeholder involved in a smart card implementation."

—Kevin Kozlowski, Vice President, XTEC, Incorporated

"The Smart Card Alliance has provided me with opportunities to gain knowledge, expertise and work with a multitude of industry professionals. This helped me succeed in all of my endeavors over the last 12+ years. Council participation has been most rewarding because it allows all of the participants to shape how smart card technology can improve and enhance security for government and private sector entities."

—Lolie Kull, HP Enterprise Services, Cybersecurity Solutions Group, Identity Practice

"I have been involved with the Access Control Council since its inception. The Council provides virtually unlimited resources to identify key upcoming industry trends. It also provides end users with important unbiased information that is not influenced by a particular technology or company. We use these resources to educate our customers and to develop forward-thinking solutions that answer the needs of the most demanding security professionals."

—Roger Roehr, Consultant, Roehr Consulting

"For most of a decade, participation in the Smart Card Alliance (SCA) Access Control Council has provided me with a venue to meet and engage leaders and experts involved in the many facets of the smart card industry. Through thoughtful discussions and numerous deliverables I have gained important insights into the key issues tackled by this effective team of dedicated and concerned professionals and illuminated by the collective voice of this vendor neutral group. SCA membership has been a valuable navigational aid in guiding my business and my career, as well as leading to many long standing friendships."

—Steve Rogers, President, IQ Devices

"Some of the brightest minds in the industry participate on the Access Control Council. You get a new appreciation for standards and guidance when they are discussed by such a cross-functional group. With this deeper understanding of the requirements, I am better equipped to educate others."

—Adam Shane, Product Manager, AMAG Technology

Council Officers

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Secretary: Steve Rogers, IQ Devices

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ABOUT THE SMART CARD ALLIANCE

The Smart Card Alliance is a not-for-profit, multi-industry association working to stimulate the understanding, adoption, use and widespread application of smart card technology. Through specific projects such as education programs, market research, advocacy, industry relations and open forums, the Alliance keeps its members connected to industry leaders and innovative thought. The Alliance is the single industry voice for smart cards, leading industry discussion on the impact and value of smart cards in the U.S. and Latin America. For more information please visit www.smartcardalliance.org.

The Smart Card Alliance Industry and Technology Councils are focused groups within the overall structure of the Alliance. Councils have been created to foster increased industry collaboration within a specified industry or market segment and produce tangible results, speeding smart card adoption and industry growth. Groups collaborate on specific deliverables, including reports, briefings and educational material. The Smart Card Alliance currently has six active Councils focusing on the payments, health and human services, identity, access control, mobile/NFC, and transportation industries. Council participation is open to any Smart Card Alliance member who wishes to contribute to the Council projects.



Spring 2015

IDENTITY COUNCIL

The Identity Council is focused on promoting best policies and practices concerning person and machine identity, including strong authentication and the appropriate authorization across different use cases. Through its activities the Council encourages the use of digital identities that provide strong authentication across assurance environments through smart credentials—e.g., smart ID cards, mobile devices, enhanced driver's licenses, and other tokens. The Council furthermore encourages the use of smart credentials, secure network protocols and cryptographic standards in support of digital identities and strong authentication on the Internet.

The Council addresses the challenges of securing identity and develops guidance for organizations so that they can realize the benefits that secure identity delivers. The Council engages a broad set of participants and takes an industry perspective, bringing careful thought, joint planning, and multiple organization resources to bear on addressing the challenges of securing identity information for proper use.

IDENTITY COUNCIL ACTIVITIES

The Council works on projects to raise awareness of the issues that organizations and the public face in implementing and using identity systems and to promote the use of the appropriate policies, procedures and technologies to solve these issues. Council activities include:

- Developing white papers and briefings on key identity topics to provide educational resources to public and private sectors
- Developing industry positions on key identity issues and offering perspectives on solutions.
- Providing guidance and best practices in support of the U.S. National Strategy for Trusted Identities in Cyberspace (NSTIC).
- Maintaining an active, public voice on identity topics, promoting the positive aspects of identity technology solutions and responding to reports that contain misinformation about identity technology.

COUNCIL RESOURCES

Events

- Federated Identity, Strong Authentication, NSTIC and the Identity Ecosystem, Smart Card Alliance 12th Annual Government Conference
- Mobile Devices and Identity and Access Control Applications Workshop, ISC West 2014

Position Papers

- Assurance Levels Overview and Recommendations
- The Consequences to Citizen Privacy and National Security in Adopting RFID Technology for Border Crossing Identity Documents

- Healthcare Identity Management: The Foundation for a Secure and Trusted National Health Information Network, in collaboration with the Healthcare Council
- Identifiers and Authentication – Smart Credential Choices to Protect Digital Identity
- Privacy, Identity, and the Use of RFID and RF-Enabled Smart Card Technology

White Papers

- Best Practices for the Use of RF-Enabled Technology in Identity Management
- Emergency Response Official Credentials: An Approach to Attain Trust in Credentials across Multiple Jurisdictions for Disaster Recovery
- ePassport Frequently Asked Questions
- Federal Identity, Credential and Access Management (FICAM) Roadmap
- Interoperable Identity Credentials for the Air Transport Industry
- Mobile Devices and Identity Applications
- National Strategy for Trusted Identities in Cyberspace (NSTIC) Frequently Asked Questions
- Personal Identity Verification Interoperability (PIV-I) for Non-Federal Issuers: Trusted Identities for Citizens across States, Counties, Cities and Businesses
- PIV Card/Reader Challenges with Physical Access Control Systems: A Field Troubleshooting Guide
- PIV-Interoperable Credential Case Studies
- Privacy and Secure Identification Systems: The Role of Smart Cards as a Privacy-Enabling Technology
- RF-Enabled Applications and Technology: Comparing and Contrasting RFID and RF-Enabled Smart Cards
- Securing Identity and Enabling Employment Verification: How Do Immigration Reform and Citizen Identification Align?
- Smart Cards and Biometrics in a Privacy-Sensitive Secure Personal Identification System
- Smart Card Technology and NSTIC
- Supporting the PIV Application in Mobile Devices with the UICC
- Using FIPS 201 and the PIV Card for the Corporate Enterprise

The Identity Council also leads Smart Card Alliance efforts on NSTIC.

FIND IDENTITY COUNCIL RESOURCES ONLINE:

www.smartcardalliance.org/activities-councils-identity



MEMBER COMMENTS

“The Smart Card Alliance has been instrumental in bringing together key players from industry and government for addressing important issues this whole community has been confronted with. It facilitated a continuous dialogue with lawmakers and other external stakeholders, contributing greatly to the adoption of major smart card-based ID programs. The participation to the Identity Council has allowed NXP to efficiently interact with all the entities in this ecosystem and drive this technology forward.”

—*Stefan Barbu, Head of Secure ID Americas, NXP Semiconductors*

“The Smart Card Alliance Identity Council provides IDmachines with an opportunity to engage with subject matter experts, solution providers, integrators and end-users on the important identity topics of the day. As a company that prides itself on providing education without bias, IDmachines appreciates the fact that this is completely in sync with the Smart Card Alliance charter. Many of today’s identity and cybersecurity challenges can only be met by a continued effort to improve the state of the practice and the level of knowledge among practitioners. In this regard IDmachines finds a welcome partner in the Smart Card Alliance and its Identity Council.”

—*Sal D’Agostino, CEO, Idmachines LLC*

“The Smart Card Alliance is an extremely important organization in advancing the cause of security and authentication in industry today. The Councils within the Alliance provide a means for organizations both large and small to be heard and educated on the critical issues facing them every day. Being part of the Identity Council allows me to connect with industry leaders while it continues to provide an unbiased viewpoint on the issues critical to so many organizations. The discussions within the Council provide useful ideas and greater awareness of technology adoption and how it impacts my company and customers today.”

—*Francine Dubois, VP Global Sales & Partnerships, NagralD Security*

“The Smart Card Alliance has done a tremendous amount of work in terms of raising awareness and stimulating thought leadership around smart card technology. Through the events and education programs, our employees and our clients are better connected to the latest information on issues surrounding smart cards.”

—*Gordon Hannah, Principal, Deloitte Audit & Enterprise Risk Services*

“One of the most important member benefits of the Smart Card Alliance has been for both the industry and key members of the user community to be able to speak to important issues of our collective industries’ technology adoption and provide education, as one trusted voice. This has proven very effective in supporting the roll out of several programs, such as ePassports, PIV and PIV-I, along with educating policy makers and consumers about the benefits of the technology for their applications. Of course the other benefit, as always, is the very active interaction with the user community and in particular those in the federal government. The Alliance has played an invaluable role in providing a vendor-agnostic forum where industry and government decision makers can work out the practical issues towards creating interoperable and standards-based solutions for government applications.”

—*Neville Pattinson, Senior Vice President, Government Affairs, Gemalto*

“Participation in the Smart Card Alliance Access Control Council and Identity Councils has allowed me to form lasting relationships with the leaders in our industry. Through thoughtful discussions and numerous deliverables I have gained deeper insight into key issues illuminated by their collective voice and tackled by this effective group of dedicated and concerned professionals. Due to many technology and market insights, SCA membership has been a navigational aid of great value in guiding my career as well as the companies I manage.”

—*Steve Rogers, President, IQ Devices*

ABOUT THE SMART CARD ALLIANCE

The Smart Card Alliance is a not-for-profit, multi-industry association working to stimulate the understanding, adoption, use and widespread application of smart card technology. Through specific projects such as education programs, market research, advocacy, industry relations and open forums, the Alliance keeps its members connected to industry leaders and innovative thought. The Alliance is the single industry voice for smart cards, leading industry discussion on the impact and value of smart cards in the U.S. and Latin America. For more information please visit www.smartcardalliance.org.

The Smart Card Alliance Industry and Technology Councils are focused groups within the overall structure of the Alliance. Councils have been created to foster increased industry collaboration within a specified industry or market segment and produce tangible results, speeding smart card adoption and industry growth. Groups collaborate on specific deliverables, including reports, briefings and educational material. The Smart Card Alliance currently has six active Councils focusing on the payments, health and human services, identity, access control, mobile/NFC, and transportation industries. Council participation is open to any Smart Card Alliance member who wishes to contribute to the Council projects.

Council Officers

Chair: Bryan Ichikawa, Deloitte & Touche LLP
Vice Chair: Neville Pattinson, Gemalto
Secretary: Salvatore D’Agostino, IDmachines

Council Steering Committee

Stefan Barbu, NXP Semiconductors
Ahmed Mohammed, Oberthur Technologies
Neville Pattinson, Gemalto
Frazier Evans, Booz Allen Hamilton
Bryan Ichikawa, Deloitte & Touche LLP
Sal D’Agostino, IDmachines
Steve Rogers, IQ Devices
Chris Williams, LEIDOS
Steve Howard, CertiPath
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Ultra Electronics Card Systems
U.S. Department of Homeland Security
U.S. Department of State
Wells Fargo
Xerox
XTec, Incorporated



Spring 2015

HEALTH AND HUMAN SERVICES COUNCIL

Health and human services organizations worldwide are implementing smart card enabled identity credentials —“smart IDs”—supporting a wide variety of features and applications.

Smart card technology enables public and private organizations to streamline operations and reduce costs by issuing a single, secure, multi-purpose credential that can be used for identity and payment, that provides a secure carrier for portable medical records, that provides secure access to emergency medical information, and that enables compliance with government initiatives and mandates. Smart card technology also enables high assurance identity authentication credentials for patients, citizens, and professionals, in compliance with federal mandates in healthcare and also in support of the National Strategy for Trusted Identities in Cyberspace (NSTIC).

The Smart Card Alliance Health & Human Services Council brings together human services organizations, payers, healthcare providers, and technologists to promote the adoption of smart cards in U.S. health and human services organizations and within the national health IT infrastructure. The Health & Human Services Council provides a forum where all stakeholders can collaborate to educate the market on the how smart cards can be used and to work on issues inhibiting the industry.

HEALTH & HUMAN SERVICES COUNCIL ACTIVITIES

The Health & Human Services Council activities stimulate the understanding, adoption and widespread acceptance of single and multi-application smart card technology for healthcare and human services applications. Activities include:

- Providing educational resources for health and human services organizations, consumers, government organizations and members to foster deployment of smart cards in the marketplace;
- Identifying the challenges and opportunities in the emerging health and human services marketplace for applications that can be supported by smart card technology;
- Promoting the development and use of standards for health and human services applications

COUNCIL RESOURCES

- Benefits of Smart Cards versus Magnetic Stripe Cards for Healthcare Applications
- Patient Access: Best Practices and Standards for Patient Authentication, NAHAM Conference 2014
- Complementary Smart Card Guidance for the WEDI Health Identification Card Implementation Guide
- Getting to Meaningful Use and Beyond: How Smart Card Technology Can Support Meaningful Use of Electronic Health Records
- A Healthcare CFO's Guide to Smart Card Technology and Applications
- Healthcare Identity Management: The Foundation for a Secure and Trusted National Health Information Network
- Healthcare Identity Management LinkedIn Group
- Healthcare ID Resources
- HIPAA Compliance and Smart Cards: Solutions to Privacy and Security Requirements
- Privacy and Security: Challenges and Opportunities in Healthcare Identity symposium, HIMSS 2014
- Identity Management in Healthcare webinar
- Medical Identity Theft in Healthcare
- Smart Card Applications in the U.S. Healthcare Industry
- Smart Cards and Biometrics in Healthcare Identity Applications
- Smart Cards in U.S. Healthcare: Benefits for Patients, Providers and Payers
- Smart Card Technology in U.S. Healthcare: Frequently Asked Questions
- Smart Health ID Cards: Challenges with Patient Identity Management and Authentication webinar

INDUSTRY COLLABORATION

- Relationships with Healthcare Information and Management Systems Society (HIMSS), Medical Identity Fraud Alliance (MIFA), National Association of Healthcare Access Management (NAHAM), Secure ID Coalition, and Workgroup for Electronic Data Interchange (WEDI)

FIND HEALTH AND HUMAN SERVICES COUNCIL RESOURCES ONLINE:
www.smartcardalliance.org/activities-councils-health-and-human-services

MEMBER COMMENTS

“The healthcare ID challenge is becoming increasingly important, and the Smart Card Alliance managed to create a great framework for facilitating exchanges between the key actors in this space in order to stimulate the adoption of adequate solutions. The Health and Human Services Council is an excellent place for dialogue between all the important stakeholders, as well as an essential pool of information, education and reference material for industry, government and healthcare organizations.”

—*Stefan Barbu, Head of Secure ID Americas, NXP Semiconductors*

“Smart card technology and solutions are key factors around the world for bridging the gaps between disparate groups for secure, trusted and accurate patient identity for data sharing. As the U.S. healthcare industry continues expanding its automation of healthcare records and exchange of patient data among healthcare providers, insurance companies, and state and federal agencies for Medicare/Medicaid, organizations are turning to the Alliance for unbiased information about patient identity solutions. The Alliance assembles the foremost identity technology, privacy protection and enhanced data security expertise from leaders in healthcare and government. The Health and Human Services Council provides education programs, market research and advocacy to assist the industry in delivering quantifiable solutions for authenticating patients identity, protecting personal health records and eliminating fraudulent activity. As the nation’s leading patient identity solution, LifeMed ID has obtained essential insights and advocacy from the Smart Card Alliance -- a membership we will continue for years to come.”

—*David Batchelor, CEO/Founder, LifeMed ID, Inc.*

Advanced Card Systems Limited (ACS) strongly endorses the work of the Smart Card Alliance Health and Human Services Council in the pursuit of enhanced systems and components to help reduce medical identity theft, improve privacy and combat fraud – by both claim submitters and patients. We agree with the conclusion of the recent Workgroup for Electronic Data Interchange (WEDI) white paper that “subscriber identity tokens” such as smart cards can be an effective tool in combating this fraud. As one of the world’s leading suppliers of smart card readers we will continue to support the Health and Human Services Council of the Smart Card Alliance as it continues in the quest for affordable solutions for the healthcare industry.

—*Robert Merkert, President - Americas, Advanced Card Systems LTD.*

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Vice Chair: David Batchelor, LifeMed ID, Inc.

Council Steering Committee

Stefan Barbu, NXP Semiconductors
David Batchelor, LifeMed ID, Inc.
Robert Merkert, Sr., Advanced Card Systems Ltd.
Morgan Richard, XTec, Incorporated

Council Members

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A Bigger Stage for Secure EMV, Mobile and Transit Payments

Secure payments have expanded across North America, capturing a larger share of the transactions market and the awareness of consumers. This dynamic growth is reflected in the expanding participation at Payments Summit, the leading annual event for secure payment systems. In 2016 the event will move to a larger facility with room for additional conference content, a bigger exhibition, and a wider range of participant networking opportunities and activities. Payments Summit will be co-located with ICMA Expo, presented by the International Card Manufacturers Association, the leading organization for card manufacturing and personalization.

What's not changing is the quality and reputation of the Payments Summit conference, with continuing coverage of every leading secure transaction platform: EMV card payments, mobile payments, and transit payments.

Home Base for the Ongoing EMV Migration

The US is the world's largest payments ecosystem, and the migration to EMV—the global transaction security standard—is in full swing. Yet, for many banks, credit unions, issuers and merchants there's still a frustrating lack of clarity. They know the standards are coming, but the exact form is unclear, and the cost of conversion is daunting for many.

Mobile Payments: A Game Changer?

The NFC payments market has been rocked by ApplePay. Card networks, telecoms and handset manufacturers are touting a wide range of mobile wallet solutions in a very fragmented market. There is no ubiquitous model, conversions are slow, and stakeholders are engaging multiple strategies. Some applications are challenging the secure element-centric NFC model, with the potential to upend the entire industry.

A Thought Leader in Transit Payments

Through its Transportation Council, the Smart Card Alliance has championed the use of open standards-based contactless bank card and mobile payments in public transportation. Many Council participants have implemented these technologies including Chicago, Philadelphia, The San Francisco Bay Area, Washington DC, New York City, Toronto, and Dallas.

Early registration discounts apply: www.SCAPayments.com
Pre-conference Workshops: April 4
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Contact Bill Rutledge at bill@cnxtd.com +1 212-866-2169.



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