



Smart Card
Alliance

13TH ANNUAL

GOVERNMENT CONFERENCE

Smart Strategies for Secure Identity

October 29–30, 2014

WALTER E. WASHINGTON CONVENTION CENTER
WASHINGTON, DC



MARK YOUR CALENDAR:
Now Earlier in the Federal Year



14TH ANNUAL GOVERNMENT CONFERENCE

Smart Strategies for Secure Identity

June 9-10, 2015

**WALTER E. WASHINGTON CONVENTION CENTER
WASHINGTON, DC**

www.GovSmartID.com

By Popular Demand: Moving to Spring in 2015!

Building on a decade of government-led ID security efforts, the Smart Card Alliance Government Conference returns this Spring to the Washington Convention Center with expanded coverage of efforts toward strong authentication technology. Taking place earlier in the federal fiscal year, the Government Conference will survey opportunities and challenges for government issuers, accreditation and testing authorities, procurement programs, and the industry to meet the government's market demands.

LEADING STRATEGIES FOR SECURE IDENTITY

Over 70 expert speakers will address efforts toward strong authentication technology in government identity programs, including Personal Identity Verification (PIV) credentials, developments in National Strategy for Trusted Identities in Cyberspace (NSTIC), trusted ID on the Internet and on mobile devices, developments in state and local ID, and evolving global standards.

AN EVOLVING ECOSYSTEM FOR TRUSTED IDENTITY

The Government Conference will continue to cover efforts toward the creation of a trusted identity ecosystem that will permit individuals to obtain a secure credential to authenticate themselves for a variety of online transactions. In 2015, the event will feature an expanded overview of the developments toward trusted public ID with new conference sessions, showcase exhibitors and special events.

A GREATER ROLE FOR BIOMETRIC IDENTITY

New conference tracks survey current applications and capabilities of biometric recognition with respect to identity management and credentialing for defense and business functions. Looking ahead to cutting-edge applications in biometric identity, the conference will cover efforts to leverage keystroke, voice and other behavioral dynamics for high-security active authentication.

HEALTHCARE ID AND SECURE ELECTRONIC MEDICAL RECORDS

Following continuing government efforts, the conference features an expanded agenda for the healthcare sector. Smart health ID cards provide a privacy-sensitive, secure solution with significant benefits to healthcare providers. Conference sessions will reflect and amplify the industry-leading work of the Smart Card Alliance Healthcare and Identity Councils.



**THE LARGEST GATHERING OF GOVERNMENT ID
SECURITY PROFESSIONALS**



**OVER 70 EXPERT SPEAKERS IN A
MULTI-TRACK CONFERENCE FORMAT**



**RECEPTIONS AND OTHER HOSPITALITY EVENTS
FACILITATE NETWORKING**

Pre-Conference Workshops: June 8

Conference exhibit and sponsorship marketing opportunities are available:

Contact Bill Rutledge at +1-212-866-2169 or bill@cnxtd.com



Visit us at Booth 502

A History of **INNOVATION**

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Welcome

Dear 13th Annual Smart Card Alliance Government Conference Attendees,

I welcome each of you to the 2014 Smart Card Alliance Government Conference: Smart Strategies for Secure Identity. 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.

If you joined us last year, thank you! I don't mean that tongue-in cheek; you may recall that from October 1 through 16 in 2013, the United States federal government entered a shutdown, curtailing most routine operations. Nearly 800,000 federal employees were furloughed, and many of our planned keynote speakers were not able to present or attend last year. Fortunately we were able to secure top-rate speakers in place of our federal friends, and we presented a comprehensive program to attendees.

This year, free from distraction, we have assembled more than 70 speakers who will address efforts toward strong authentication technology in government identity programs, including PIV credentials, updates on NSTIC, developments in mobile identity programs, and evolving NIST standards. 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.

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.

Also, I want to bring to your attention that the 2015 Smart Card Alliance Government Conference is moving to June 9 – 10, 2015. We heard your concerns about the federal budget year challenges during the fall, and look forward to our move to June, hopefully serving an even larger government identity management and security audience. Thank you for your support of the Smart Card Alliance.

Sincerely,



Randy Vanderhoof
Executive Director, Smart Card Alliance

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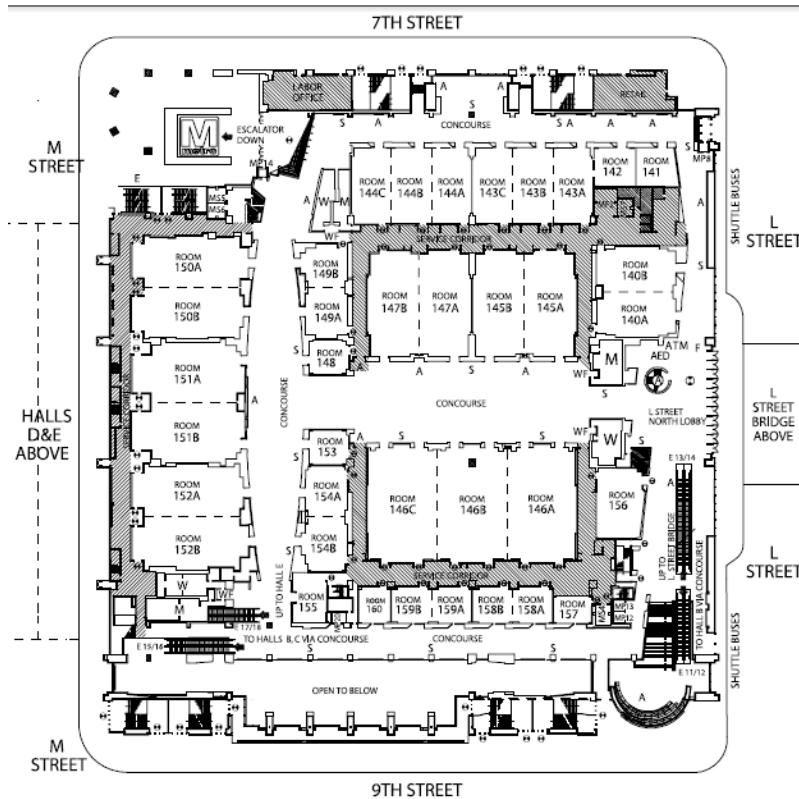
About the Smart Card Alliance

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. 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.



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Conference Event Locator



Tuesday, October 28

Registration & Continental Breakfast	8:00am – 8:30am	Concourse
Personal Identity Verification (PIV) in Enterprise		
Physical Access Control Systems (EPACS) Workshop	8:30am – 5:30pm	Room 145B
CSCIP & CSCIP/G Training Course Part 1&2	8:30am – 12:00pm	Room 148, 149AB
Break	10:15am – 10:30am	Concourse
Lunch	12:00pm – 1:00pm	Room 151A
CSCIP & CSCIP/G Training Course Part 3	1:00pm – 5:30pm	Room 148, 149AB
Break	2:45pm – 3:15pm	Concourse

Wednesday, October 29

Registration & Continental Breakfast	8:00am – 8:45am	Concourse
Keynote Plenary Sessions	8:45am – 12:30pm	Room 147AB
Conference Break, Exhibit Hall Opens	10:00am – 10:30am	Room 146 ABC
Lunch in Exhibit Hall	12:30pm – 2:00pm	Room 146 ABC
Joint Identity and Health & Human Serv. Council Meeting	12:45pm – 2:00pm	Room 156
Track 1: ID Security Technology & Applications	2:00pm – 5:15pm	Room 147A
Track 2: ID Security Implementation & Policy	2:00pm – 5:15pm	Room 147B
Track 3: Healthcare ID Security	2:00pm – 5:15pm	Room 145B
Conference Break in the Exhibits	3:15pm – 3:45pm	Room 146 ABC
Networking Reception in Exhibit Hall	5:15pm – 7:00pm	Room 146 ABC

Thursday, October 30

Registration & Continental Breakfast	8:00am – 8:45am	Concourse
Track 1: ID Security Technology & Applications	8:45am – 4:30pm	Room 147A
Track 2: ID Security Implementation & Policy	8:45am – 4:30pm	Room 147B
Track 3: Biometrics	8:45am – 4:30pm	Room 145B
Track 4: DARPA Active Authentication	8:45am – 4:30pm	Room 140AB
Conference Break, Exhibit Hall Opens	10:15am – 10:45am	Room 146 ABC
Lunch in Exhibit Hall	12:00pm – 1:30pm	Room 146 ABC
Access Control Council Call	12:15pm – 1:30pm	Room 156
Conference Break in the Exhibits	2:45pm – 3:15pm	Room 146 ABC

Pre-Conference Events

Pre-Conference Workshops

Tuesday, October 28

Smart Card Alliance Workshop

Room 145B



8:30 Personal Identity Verification (PIV) in Enterprise Physical Access Control Systems (EPACS)
Workshop - The Federal government is moving from traditional physical access control systems (PACS) to an enterprise architecture using PIV and PIV-I credentials. This workshop was developed by the Smart Card Alliance to provide Federal agencies and PACS industry participants with a comprehensive understanding of EPACS architectures, the use of high assurance credentials with EPACS and the impact that this move has on PACS implementation. The workshop will have in-depth sessions on EPACS architecture, FICAM-enabled authentication mechanisms, EPACS implementation and PIV credential use, GSA EPACS procurement requirements and the trust ecosystem for Federal credentials. The workshop will include two roundtable discussions with PACS suppliers and with EPACS implementers to provide insights into EPACS implementation best practices and directions.

5:30 Smart Card Alliance Workshop Concludes

3-Day Combo Pass registration required to attend.

Conference Agenda

Conference Sessions

Wednesday, October 29

Plenary Keynote Sessions

Room 147AB

8:00 Registration and Coffee

8:45 Chairman's Welcome Address, Randy Vanderhoof, Executive Director, Smart Card Alliance

9:00 Identity and Managing Risk-based Access Decisions
A secure enterprise that enables risk-based access decisions requires both a trusted identity and a sound policy and access control environment. Richard Parry, CEO, Parry Advisory

9:30 Continuous Diagnostics and Mitigation Program, Phase Two
How the Continuous Diagnostics and Mitigation (CDM) Program is developing a dynamic approach to fortifying the cybersecurity of government networks and systems. Jim Quinn, Deputy CISO (HQ) Enterprise Services, Department of Homeland Security

10:00 Break, Exhibits Open

10:30 How Government and Private Industry Can Help Secure the Enterprise from Cyber Threats
As the federal government prepares for the next phase for FICAM and usage of PIV credentials, GSA is coordinating the federal resources that will shape the future of government security. Christine Harada, Associate Administrator, General Services Administration OGP

11:00 The Nigerian National ID Program
Nigeria is embarking on an ambitious smart card National e-ID program to provide an assured identity system in Nigeria for all government to citizen services. Christian 'E Onyemenam, CEO, NIMC (National Identity Management Centre of Nigeria)

11:30 Plenary Session Roundtable Discussion: The Roadmap for Government Identity Credentialing For the Next 10 Years
A discussion with principal government and industry leaders about building off of what began under HSPD-12 and what the government and commercial roadmap for secure credentials looks like over the next 10 years. Moderator: Randy Vanderhoof, Smart Card Alliance
Panelists: Mike Butler, DOD; Judith Spencer, CertiPath; Greg Abrenio, Cyberarmed Security; James Sheire, GSA

12:30 Lunch in Exhibit Hall

Track Sessions

Wednesday, October 29

ID Security Technology & Applications Track

Room 147A

2:00 ID Security Technology & Applications Featured Speakers
Moderator: Rick Patrick, Oberthur Technologies
Speakers: FICAM Trust Framework; Anil John, GSA; E-PACS Testing and Procurement Qualifications and PIV Card Issuer Testing; Chi Hickey, GSA; Ashley Stevenson, DHS – Implementing Single Sign-on and PIV for Network Access

3:15 Networking Break in Exhibit Hall

3:45 PIV and E-PACS- Using PKI for PIV and PIV-I Authentication in Access Control; Steve Howard, CertiPath

4:15 Panel Discussion: Cost & Complexity around PIV and PIV-I
This session looks at those aspects of PIV and PIV-I implementation which slows growth and hinders rapid adoption and what can be done to accelerate adoption
Moderator: Steve Rogers, IQ Devices **Panelists:** Lolie Kull, HP Enterprise Services, Bryan Ichikawa, Deloitte, Rick Uhrig, Xtec, Dwayne Pfeiffer, Northrop Grumman/ Dept of Interior

5:15 Networking Reception in Exhibit Hall

Wednesday Break Sponsor



Track Sessions

Wednesday, October 29

ID Security Implementation & Policy Track

Room 147B

- 2:00 **ID Security Implementation & Policy Featured Speakers Moderator:** Jatin Deshpande, G&D **Speakers:** FCCX Pilot; Philip Lam, NIST; *NSTIC Pilot Programs Update*; Michael Garcia, NIST; *DOD CAC and WMATA Transit Cards Pilot*; Tim Baldrige, DOD
- 3:15 **Networking Break in Exhibit Hall**
- 3:45 **How Global ID Programs Benefit From National and International Standards**, Sal Francomacaro, NIST
- 4:15 **Panel Discussion: Strong Authentication Lessons Learned**
Government agency and industry representatives discuss challenges, lessons learned, and future uses of strong authentication of credentials using federal PKI resources.
Moderator: Darlene K. Gore, General Services Administration **Panelists:** Steve Sill, GSA MSO; Toby Slusher, US Department of HHS; Todd Johnson, Department of Treasury; Scott Rea, DigiCert & DIRECT; Rebecca Nielson, DoD (BAH)
- 5:15 **Networking Reception in Exhibit Hall**

Healthcare ID Security Track

Room 145B

- 2:00 **Healthcare ID Security Featured Speakers Moderator:** Neville Pattinson, Gemalto **Speakers:** WEDI Standard for Smart Cards and Biometric Health ID cards; Peter Barry, Peter T Barry Company; *Medical Identity Fraud Alliance*; Ann Patterson, MIFA; *Interoperable Patient Identifiers and Tokens for Patient Matching Security*; David Batchelor, LifeMedID
- 3:15 **Networking Break in Exhibit Hall**
- 3:45 **Managing Identity Verification for Smarter Cities**, Ashish Cowlagi, IBM Software Group
- 4:15 **Panel Discussion: Secured Cities and Smart Communities**
Smarter cities are capitalizing on innovative solutions to transform operations and services. To ensure data accuracy, standard identity validation methods require more effective fraud detection and prevention across multiple levels of government, healthcare and insurance providers.
Moderator: David Batchelor, LifeMed ID **Panelists:** Ashish Cowlagi, IBM; Roderick Bell, LifeMed ID; **Speaker TBA**, Motorola
- 5:15 **Networking Reception in Exhibit Hall**

Thursday Break Sponsor



Track Sessions

Thursday, October 30

ID Security Technology & Applications Track

Room 147A

Sponsor



- 8:00 **Registration and Coffee in Exhibit Hall**
- 9:00 **NIST Moderator:** Sal D'Agostino, IDmachines **Speakers:** Update on Special Publication reflecting FIPS 201-2; Hildegard Ferraiolo, NIST; SP-800-157 Derived PIV Credentials; David Cooper, NIST; Update to SP-800-73-4; Ketan Mehta, NIST; NCCoE's proof of concept implementation of Derived PIV Credentials; Jeff Cichonski, NIST
- 10:15 **Break in Exhibit Hall**
- 10:45 **FICAM / Federal PKI PKI Bridges Challenges and Markets and how the PKI bridge model can extend to other IDM models**
Moderator: Deborah Gallagher, GSA **Panelists:** Darlene Gore, GSA, Jeff Nigriny, CertiPath; Eric Epley, STRAC; Jerry Cox, IdenTrust; Daniel Turissini, ORC
- 12:15 **Lunch in Exhibit Hall**
- 1:30 **Industry ID Security Moderator:** David Helbock, Jr., XTEC **Speakers:** CSEIP Training and Certification Program; Lars Suneborn, Smart Card Alliance; GlobalPlatform's ISO Framework for Government Issued Secure IDs; Kevin Gillick, Global Platform; New Schemes for eID based on State-of-the-Art Semiconductor Technology; Linda Brown, Infineon; Using On-Card Gesture Recognition For Cardholder Verification; Stefan Barbu, NXP
- 2:45 **Break in Exhibit Hall (Exhibit Hall Closes at 3:15)**
- 3:15 **Mobility and Identity Moderator:** Frazier Evans, Booz Allen Hamilton **Speakers:** Issuance and Management Models for Derived Credentials; Dr. Chris Edwards, Intercede; SIM Alliance Open Mobile API; Alexander Summerer, G&D; Bluetooth Vs NFC/HCE; Mark Robinton, HID Global; Implementing Mobile Derived Credentials for Federal PIV Use; Chris Taylor, Entrust
- 4:15 **Conference Adjourns**

ID Security Implementation & Policy Track

Room 147B

Sponsor



- 8:00 **Registration and Coffee in Exhibit Hall**
- 9:00 **Government Use Cases for High Assurance Credentials Moderator:** Roger Roehr, Roehr Consulting **Speakers:** Government Agency Use Case - FICAM for PACS/LACS Integration; Marian Cody, HUD; Government Agency Use Case - TWIC Program Updates; John Schwartz, TSA/TWIC; Government PIV-I Use Case - US Courts PIV-I Project; Joseph Alexander, US Courts; GSA's USAccess Shared Service Provider Program; Stan Kaczmarczyk, GSA
- 10:15 **Break in Exhibit Hall**

10:45 **Using High Assurance Credentials in Cyberspace**
Moderator: Mark Steffler, Quantum Secure **Speakers:** *Using Smart Cards Against Advanced Persistent Threats;* Chris Williams, Leidos; *Making A Case for Smart Cards in the Next Web Crypto API;* Siva Narendra, Tyfone; *Using FIDO Mobile Authentication for Secure Access;* Sami Nassar, NXP

12:15 **Lunch in Exhibit Hall**

1:30 **International ID Security Use Cases**

Moderator: Robert Merkert, Advanced Card Systems Ltd.
Speakers: *TSCP International Strong Authentication Use Cases;* Keith Ward, TSCP; *ePassport Use Case using SAC;* Johannes Linzten, Utimaco; *Government Access Convergence in Washington, DC;* Stephan Papadopoulos, The Triage Group

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

3:15 **US Government ID Security Use Cases**

Moderator: Tony Damalas, Stanley Security Solutions
Speakers: *eVisa and Border Entry/Exit Program;* Neville Pattinson, Gemalto; *Authenticating Documents for Trusted ID Ecosystems;* Patrick Hearn, Hologram Industries; *CIV Usage at National Cancer Institute;* Shane Hebert, NCI

4:15 **Conference Adjourns**

Biometrics Track

Room 145B

Sponsor



8:00 **Registration and Coffee in Exhibit Hall**

9:00 **Recent Advances in Biometrics - Leading biometric researchers will present recent developments in both established and emerging biometric technologies.**

Panelists: Dr. Marios Savvides, Associate Research Professor, Director of CyLab Biometrics Center, Carnegie Mellon University (CMU); Dr. Xiaoming Liu, Assistant Professor, Michigan State University (MSU); Dr. Reza Derakhshani, Associate Professor, University of Missouri at Kansas City (UMKC) "Ocular Biometrics in a Mobile Phone"; Dr. Matthew Valenti, Professor, West Virginia University (WVU) "Mobile Biometrics in the Cloud"

10:15 **Break in Exhibit Hall**

10:45 **Biometrics in Identity Management and Credentialing - Panelists will discuss current applications and capabilities of biometric recognition with respect to identity management and credentialing.**

Panelists: Geoffrey Slagle, Director - Identity Management, AAMVA; David Coleman, Senior Staff Analyst, Novetta; Walter Hamilton, Senior Consultant, Identification Technology Partners

12:15 **Lunch in Exhibit Hall**

1:30 **Biometrics in DoD - In this panel, DoD representatives will discuss the implementation of biometrics for warfighter and business functions needs.**

Moderator: John Boyd, Director, Defense Biometrics & Forensics **Panelists:** Brian Hunt, Chief, Business Functions & Enterprise Engagement, DFBA; COL Sandy Vann-Olejasz, PM, DoD Biometrics; Derek Nagel, (Acting) Director, Security Services Directorate, PFPA

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

3:15 **Current Government Biometric Initiatives - Representatives from Government agencies will discuss biometric initiatives and challenges, including inter-agency projects.**

Speakers: Patrick Grother, NIST "Biometric Ageing: Implications for Credentialing"; Derek Nagel, (Acting) Director, Security Services Directorate, PFPA; Mark Burge, Program Manager, IARPA/ODNI; Richard Vorder Bruegge, FBI

4:15 **Conference Adjourns**

DARPA Active Authentication Track

Room 140AB

Presented by



8:00 **Registration and Coffee in Exhibit Hall**

9:00 **Session 1: Active Authentication**

Speakers: *Active Authentication: Search Behavior & Decoy Technology;* Dr. Salvatore Stolfo, Allure; *Power-Touch-Movement Authentication for Mobile Devices;* Angelos Stavrou, Kryptowire; *Design and Development of a Suite of Keyboard-based Biometrics for an Active Authentication System;* Context-aware Active Authentication using Touch Gestures, Typing Patterns, and Body Movements; Md Enamul Karim, Pd.D., Louisiana Tech University & Vir V. Poha, Syracuse University

10:15 **Break in Exhibit Hall**

10:45 **Session 2: Active Authentication**

Speakers: *Mobile Active Authentication Via Linguistic Modalities;* John Noecker, Jr., Drexel University; *Active Voice Authentication;* Qi (Peter) Li, Ph.D, Li Creative Technologies; *LinguaKey: Continuous Authentication Through Natural Speech and Language Activity on Mobile Devices;* Dr. Aaron Lawson, SRI International (West); *Hand Movement, Orientation, and Grasp (H-MOG): A New Behavioral Modality for Active Authentication of Smartphone Users;* Dr. Kiran Balagani & Dr. Paolo Gasti, New York Institute of Technology

12:15 **Lunch in Exhibit Hall**

1:30 **Session 3: Active Authentication**

Speakers: *Neuromorphic Fast Pattern Recognition for Kinematic Gestures and Finger Image Authentication;* William Mouyos, AMI Research; *Active Authentication On-the-Go;* Dr. Geoffrey Meltzner, BAE Systems; *Joint Physiological and Behavioral Biometrics-based Authentication from Mobile Device Dynamics;* Dr. Jiejie (Victor) Zhu, SRI International (East); *Active Authentication Using Covert Games in Mobile Applications;* John Carrola, Jr., Southwest Research Institute

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

3:15 **Session 4: Active Authentication**

Speakers: *HERMA - Heartbeat Microwave Authentication;* James Lux, P.E.; *Active Authentication through Web Browsing Behavior;* Dr. Myriam Abramson, Naval Research Laboratory; *Visual Fingerprint as a Novel Modality for Mobile Active Authentication;* Vlad Morariu, University of Maryland

4:15 **Conference Adjourns**

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What do I need to get connected?

You will need a device equipped with 802.11g/a/n wireless and a web browser. These links can help you identify what your computer's capabilities are; Click for: [Windows PC](#); Click for: [Mac](#). If you are in need of an adapter for a laptop to enable use of our Exhibitor Internet Premium network, they are available for the sale price of \$75 at our Exhibitor Service Desk or by calling (202) 249-3800.

How do I configure my Wireless Connection once onsite?

1. View Network Connections - we recommend you disable your Ethernet, Local, or Wired Network Connection
2. View Available Wireless Networks
 - o Select your desired "**Wireless Network**" from the list of *Available Wireless Networks*
 - o We do not recommend using automatic settings or using the network name "ANY" or "Free WiFi".
 - o For your security, please select one of our building sponsored networks.
3. If necessary, be sure to set your TCP/IP properties to "Obtain an IP address automatically" (DHCP).
4. If requested, choose infrastructure mode rather than ad-hoc mode.
5. Turn off any encryption (WEP).
6. At the time of purchase you will create a username and password, we suggest you use your email address as your username and a simple password that you can remember to make it easier to log back into your account. Daily accounts are per a 24 hour period, example 8am to 8am

Can I use this service on multiple devices?

Wireless accounts are device specific and can only be connected to one device at a time. If you wish to share an account between multiple devices, the active device can be logged off by going to <http://hotspot.smartcity.com/logout>.

Should I be concerned about interference or reliability issues?

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Over 600 executive delegates came together last February in Salt Lake City for Payments Summit—the industry's leading forum for smart, secure payment technology, implementation, and markets. For 2015, we're building on that success with additional content and an up-to-the-minute robust conference agenda. And we're continuing our coverage of every leading transaction platform: EMV card payments, mobile payments, and transit payments. Reserve your seat now at this gathering of leading smart card practitioners, solutions developers, end users, and suppliers.

THE BASE CAMP FOR EMV MIGRATION

The US is the world's largest payments ecosystem, and the migration to EMV—the global transaction security standard—has now begun in earnest. Yet, for many banks, credit unions, issuers and merchants there's still a frustrating lack of clarity. They know EMV chip cards and mobile NFC payments are coming but the exact way they will be implemented and timing is unclear, and the cost of conversion is daunting for many.

MOBILE PAYMENTS: A SEPARATE PATH?

NFC-enabled payments are starting to take shape as card networks, telecoms and handset manufacturers target the market with mobile wallet solutions. But no ubiquitous model for all merchants and issuers has emerged, impacting interoperability, slowing conversion and requiring stakeholders engage in multiple strategies. And some applications have the potential to upend the entire industry, by challenging the traditional secure element-centric NFC wallet model.

FAST-TRACK ADOPTION THROUGH TRANSIT

Many consider transit ridership to be the "killer app" in expanding the use of open standards-based contactless bank card and mobile payments. Major transit operators have active open-loop fare payments and mobile ticketing projects underway or in the planning stages including Chicago, Philadelphia, Washington DC, New York City, Toronto, and Dallas.



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Exhibit and sponsor marketing opportunities are available:

Contact Bill Rutledge at bill@cnxtd.com +1 212-866-2169

Speaker Biographies



Myriam Abramson

Computer Scientist, Naval Research Laboratory

M. Abramson obtained her PhD in 2003 in computer science from George Mason University for algorithms coupling neural networks and reinforcement learning. Since then, she has worked at the Naval Research Laboratory as a computer scientist in the area of multi-agent systems, optimization algorithms for resource allocation, and imputation algorithms based on machine learning techniques for data quality. She is currently conducting fundamental research in behavioral Web analytics and how to identify/authenticate individuals based on Web browsing activity patterns. Prior to that, she has worked at the National Library of Medicine in a large machine learning project that has successfully transitioned to the commercial sector. She holds a US patent on "Methods and Systems of Adaptive Coalition of Cognitive Agents." She has over 20 publications as first author. Her research interests include machine learning, intelligent agents, and computational social science. She has taught courses in decision support systems and is currently teaching discrete math. She is a member of AAAI, ACM and MORS.



Gregory Abrenio

Director of Emerging Authentication Technologies, CyberArmed Security

Gregory S. Abrenio, CISSP is director of emerging authentication technologies at CyberArmed where he specializes in making Personal Identity Verification (PIV) technologies easier to use and more accessible for organizations and end users. His current efforts are focused on accelerating the delivery and usability of PIV through improved human-computer interaction design, secure remote credentialing, streamlined authentication and self service enrollment of mobile devices. Mr. Abrenio holds a Masters Degree from the Johns Hopkins University and is a Certified Information Systems Security Professional.



Joseph Alexander

Court Security Specialist, US Courts

Joe works for the Administrative Office of the U.S. Courts (AOUSC) in the Court Security Office. As a Court Security Specialist, one of his duties is to implement the Federal Judiciary's version of the Personal Identity Verification card in 94 judicial districts nationwide, working closely with the U.S. Marshals Service. Prior to working at the AOUSC, he worked directly for the chief judge of the U.S. District Court for the District of Columbia. He has an undergraduate degree in mathematics and a Master in Public Administration from Harvard.

Kiran Balagani

Assistant Professor of Computer Science, New York Institute of Technology

Dr. Kiran Balagani is an assistant professor of Computer Science at the New York Institute of Technology. His research addresses three thrust areas: (1) anomaly detection in behavioral and network-centric systems, (2) behavioral user authentication security, and (3) privacy-preserving mobile and desktop user authentication. Since 2008, he has been serving as a principal investigator, co-principal investigator, and faculty mentor on several federal research grants (funded by DARPA, US Air Force, and NSF). Under these grants, he led large behavioral data collection efforts (comprising of keystroke, pausality, and text data from over 3000 subjects during a period of 3 years), co-authored top-tier journal and conference papers. Additionally, Dr. Balagani holds three U.S. patents in network-centric attack detection. He received his Ph.D. in Computational Analysis and Modeling from Louisiana Tech University.



Tim Baldridge

CIO, Architecture Division, DMDC

Tim Baldridge 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. Prior to DMDC in his tenure at NASA Mr. Baldridge provided technical leadership for proposing, engineering,



deploying, operating and sustaining the systems for the foundation of the NASA ICAM LoB. 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.



Stefan Barbu

Head of eGovernment Business Development Americas, NXP Semiconductors

Stefan Barbu is leading NXP's Secure Identity business in the Americas. He holds a PhD in telecommunications, specialized in contactless smartcards. Over the past 13 years Stefan held various marketing, sales and business development positions for the Identification market in Europe and the USA. Stefan's area of expertise includes electronic identification documents, payment cards, mobile transactions, electronic transport ticketing and RFID.



Peter Barry

Peter T Barry Company

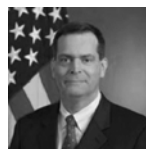
Peter Barry provides consulting and system development to health care payers, providers, managed care firms, clearinghouses, technology firms, and government. Peter was outside consultant to CMS and Dept of Commerce for National Identifiers, co-chair WEDI HIPAA Transactions group, chair WEDI and ANSI INCITS Health Card standardization. He has long experience in international banking, bankcards, and payment systems. Formerly, Vice President, Director Systems Development, for Firststar Banks, which is now U.S. Bank; he served 20 years on the Owners Group and Board of Directors of Ozaukee Bank (\$1.2 Billion) in Wisconsin until sold to Bank of Montreal.



David Batchelor

CEO, LifeMedID

Over 21 years, David's career focuses on solutions to increase market share, decrease administrative costs and influence patient satisfaction. David has contributed to multiple white papers for Meaningful Use and the consistency for patient identity within U.S. healthcare. Newly developed patient identity solution unifies one patient identity across providers, diminishing fraud, registration errors, duplicate and overlay records and provides an audit trail of patient activity across multiple systems and disparate groups. Solution provides critical data of victims of emergencies or natural disasters.



John Boyd

Director, Defense Biometrics & Forensics

Mr. Boyd is the Director, Defense Biometrics and Forensics in the office of the USD(AT&L)/Assistant Secretary of Defense for Research and Engineering/Rapid Fielding/Rapid Reaction Technology Office. On behalf of the USD(AT&L) and ASD(R&E), Mr. Boyd executes Secretary of Defense Principal Staff Assistant responsibilities for oversight of all aspects of the defense biometric and forensic enterprise. His priorities include ensuring support for Warfighter requirements in the current fight, institutionalizing biometric and forensic capabilities within the Department, and biometric and forensic S&T development across the range of defense mission areas. Mr. Boyd is the co-chair for the National Science and Technology Council's Sub-Committee for Biometrics and Identity Management. Prior to assuming his position in March 2011, Mr. Boyd served on active duty as the Director, Naval Identity Management on the Secretary of the Navy staff. Mr. Boyd served on active duty in the United States Navy Submarine Force from 1982 to 1994 and in the Navy Reserves until 2012. Mr. Boyd received a Bachelor's degree in Physics from the Virginia Military Institute. He has Masters degrees from the Naval Postgraduate School in Operational Analysis and the Naval War College in National Security and Strategic Studies.

Novetta's interdisciplinary expertise enables us to solve our customers' most complex problems

- 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 3: Biometrics

Thursday October 30

9:00 AM

Novetta Director Debbie Waung

Moving Beyond Passwords with Active Authentication

Visit the Active Authentication Demo Showroom to see exciting research in novel cognitive and behavioral biometric modalities for desktop and mobile applications!

The Showroom is open during show hours.

10:45 AM

Novetta Senior Director David Coleman

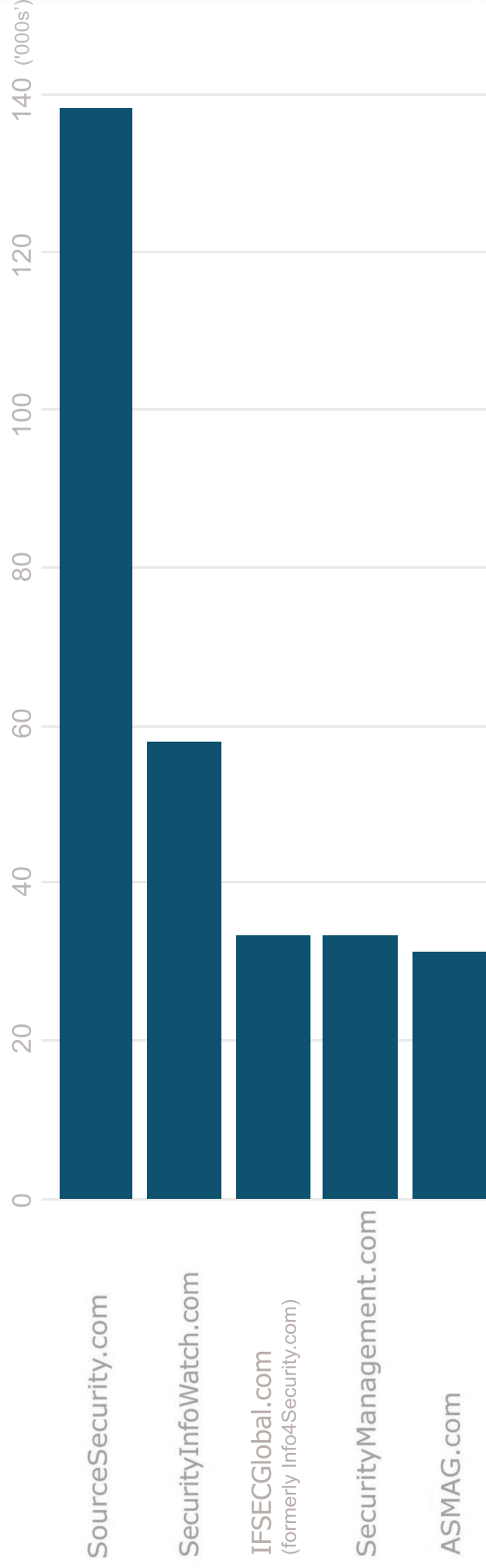
Biometrics in Identity Management and Credentialing



**Biometrics
Identity Management
Network Security
Social Media**

Learn more about our solutions for Identity Management and Insider Threat Detection.

What the security industry reads



Source: Google Ad Planner, average monthly visits, January to December 2012

The following websites do **not** meet Google Ad Planner's threshold for monthly monitoring in 2012. This indicates their average monthly traffic is less than 20,000 unique visits.

canadiansecuritymag.com	campussafetymagazine.com	cctvimage.com	detektor.com
eurosecglobal.de	git-security.com	gsnmagazine.com	pro-4-pro.com
professionalsecurity.co.uk	prosecurenews.co.uk	prosecurityzone.com	risk-uk.com
sdmag.com	secprodonline.com	security-technologynews.com	securitydirectnews.com
securitymagazine.com	securitymiddleeast.com	securitynewsdesk.com	securitysales.com
securitysolutions.com	securitysystemsnews.com	securityworldhotel.com	securityworldmag.com



**Linda Brown**

Infineon

**Mark Burge**

Program Manager, IARPA/ODNI

**Michael Butler**

DOD

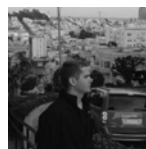
Mr. Butler is the Deputy Director for Identity Management at the Defense Manpower Data Center (DMDC) of the US Department of Defense. In 2010 he transitioned from the National Institute of Standards and Technology (NIST) and a six month detail at the Office of Management and Budget (OMB) in the area of Identity Management, National Identity Strategy, as well as immigration issues with the Domestic Policy Council. While at NIST, he participated in cybersecurity requirements for the SmartGrid upgrade to the national electric infrastructure and identity issues. Previously, he served two years as Program Manager for GSA's US Access Credentialing System and seven years as the Chief of the US Department of Defense smart-card and identity card system at DMDC. Mr. Butler contributed to the DOD team, which has issued over 16 million Common Access Cards since the program began. Previously, he served 22 years in the US Navy in heavy industry and industrial control systems as well as Program Manager for the US Navy Smartcard Program.

John Carrola, Jr.

Southwest Research Institute

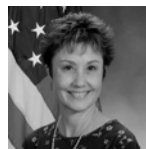
John Carrola Jr., B.S. Mathematics - has extensive experience with investigating and applying mathematical techniques to design general solutions to various problems, as well as develop novel mathematical methods to analyze data sets and model their behavior. He brings together creative perspective and technical experience in developing two-dimensional and three-dimensional continuum-scale and lattice-based numerical and analytical models for visualizing data sets and physical simulations. He helped conceptualize and develop the authentication model based on

experimentally observed cognition patterns of an individual's thought processes, for the DARPA I2O Active Authentication program. In addition, he has developed a method to use past entropic effects to model complex surface phenomena of shear-induced erosion on deformable micro/nanoparticles for targeted drug delivery simulations. Responding to a need from the military medical community (RDECOM) to minimize the use of live tissue and cadavers for training purposes, Mr. Carrola envisioned and devised an innovative means of developing a synthetic tissue (transparent thermoplastic media) that can be passively tracked by computer vision (detection of birefringence emitted by a user's interaction with the tissue) to create a real-time, interactive environment for training medical staff; this invention was reported at the 2013 NextMed / MMVR, Medicine Meets Virtual Reality Conference.

**Jeff Cichonski**

Information Technology Specialist, NIST

Jeff Cichonski is an Information Technology Specialist working with a broad array of technologies at the National Institute of Standards and Technology. Working in the Computer Security Division under the umbrella of the Information Technology Laboratory. One of Jeff's current areas of focus is the NIST derived PIV credentials with a specific interest in an applied implementation. Other areas of interests include virtualization, LTE Security for public safety, and cyber physical systems. Jeff has a Bachelor of Science in Information Science and Technology from the Pennsylvania State University.

**Marian Cody**

Senior Information Technology Portfolio Manager, Department of Housing and Urban Development (HUD)

Marian Cody serves as a Senior Information Technology Portfolio Manager in the Office of the Chief Information Officer (CIO) at the Department of Housing and Urban Development (HUD). Marian is working on a portfolio of high visibility information technology (IT) projects including a major project to modernize the Department's Identity, Credential and Access Management program. The project will implement two-factor authentication for logical access at the Department and automate identity and access management.



David Coleman

Senior Director, Novetta



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 Verification.



Ashish Cowlagi

Worldwide Offering Leader, IBM Software Group

Ashish is the worldwide offering leader for IBM Software Group, where his responsibilities span Worldwide strategy, product/asset development and business development for the Government & Education industry solutions and Smarter Cities business. Prior to this Ashish was one of the pioneers of 'outside-in' solutions development leveraging IBM's Industry Frameworks. He was one of the founding members of the Industry Frameworks organization and led go-to-market and marketing strategy. He brings experience from a number of previous technical and business leadership roles within and outside of IBM. Ashish is passionate about workforce diversity and inclusion. He serves on the board of the India Society of Worcester, one of the largest community organizations in New England.



Jerry Cox

Director, Product Management, IdenTrust

Jerry Cox is Director of Product Management at IdenTrust, now part of HID Global. Jerry is a CISSP of more than ten years and has worked in the enterprise identity and access management space since 1984. Prior to joining IdenTrust, Jerry served as Director of Identity and Access Management for CA's Federal

Government business group and CA's Asia Pacific and Japan Business Group. Jerry is based in Salt Lake City, Utah and loves to ski.



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.



Bob Dulude

Director, Federal Identity Initiative, HID Global



Chris 'E Onyemenam

CEO, NIMC (National Identity Management Centre (of Nigeria)

Chris 'E Onyemenam is a seasoned administrator and professional manager with over 32 years post qualification experience spanning various sectors, including Academics, Manufacturing, Banking and Financial Services, non-governmental and Consulting. Until his calling to public service, he was the Chief Economic Strategist and Head of Research, Economic Intelligence and Franchise Enhancement Group at Zenith Bank Plc. He was also the pioneer Executive Secretary and, later, Director Operations and Administration at the Nigerian Economic Summit Group (NESG), where he participated actively in the development of major national policy initiatives under the annual Nigerian Economic Summit. Prior to this, Chris was the pioneer Executive Secretary of the Money Market Association of Nigeria. He was also at one time the Permanent Secretary of the South African based African Business Roundtable (ABR). In 2006 he worked as the Secretary / Director General of the Secretariat of the Presidential Implementation Committee on the Implementation of Government decision on the Consumer Credit System Outsourcing Initiative and the Harmonisation of Identification Schemes in Nigeria. The visionary, excellent and thorough work of the Committee gave birth to the National Identity Management Commission (NIMC), Nigeria. Chris Onyemenam is currently the Director General/CEO of the Commission. He holds a B.Sc. (First Class Honours) degree and M.Sc. degree in Sociology, as well as LLB degree, all from the University of Lagos.

Vince Eckert

GSA



Chris Edwards

Chief Technical Officer, Intercede

Chris was responsible for the initial design of Intercede's 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 and played a pivotal role in developing Intercede's derived credential solution for mobile devices.



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.



Sal Francomacaro

IT Specialist, NIST

Salvatore Francomacaro is an Information Security specialist and Smart Cards, Identity Management SME. He has worked in many industries covering several aspects of the Information security domain: SC application design (most notable is Navy Cash ePurse), SC framework for operating systems, Standards and Security Policies. He has served as Chairman of the INCITS B10.12 standard body (IC with Contacts and Interoperability). Currently he serves as the Vice-Chair of the US National Cybersecurity standard body CS1. He works at NIST, Computer Security Division, and he is one of the editors for the FIPS 201 and associated SP.



Deb Gallagher

Identity Credential and Access Management Sub-Committee Co-Chair, GSA



Michael Garcia

IST



Paolo Gasti

Assistant Professor, New York Institute of Technology

Dr. Paolo Gasti is an assistant professor of Computer Science at the New York Institute of Technology. Dr. Gasti's research focuses on behavioral biometrics, privacy-preserving biometric authentication and

identification, secure multi-party protocols and network security. His work includes protocols for secure genomic computation, document similarity, document caching and distributed denial-of-service detection and prevention in future Internet architectures. He served as a member of the NDN project, which is a National Science Foundation-sponsored initiative with the goal of designing a new network architecture that will eventually replace the current Internet. His work has been featured in articles in the New Scientist and MIT Technological Review. Gasti worked as a research scholar at University of California, Irvine and received a Fulbright scholarship, under which he visited Johns Hopkins University. He received his Ph.D. in Computer Science from University of Genoa, Italy, and his research pertained to the design of cryptographic schemes and network security.



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.



Darlene K. Gore

FPKI Program Manager, General Services Administration

Darlene Gore is the Federal Public Key Infrastructure Program Manager. Gore manages the mission-critical Federal Public Key Infrastructure and is responsible for overseeing the operations of the FBCA including, certificate authorities (Federal PKI Common Policy Framework (FCPCA), Federal Bridge Certification Authority (FBCA), SHA-1 Federal Root Certification Authority (SHA-1 FRCA), E- Governance Certification Authorities (EGCA). Prior to joining GSA, she was the Public Key Infrastructure (PKI) Subject Matter Expert and an Information Assurance Office for the Joint Chiefs of Staff (JS) at the Pentagon. She was responsible for all

of the PKI issues and initiatives for Phase II PKI Implementation Plan.



Patrick Grother

NIST

Patrick Grother is a staff scientist at the National Institute of Standards in Technology responsible for biometric standards development, algorithm testing and analysis. He currently serves as editor of four ISO standards in the areas of interchange of facial imagery, performance testing and modular fusion processes. He leads the ongoing MINEX, IREX and MBE-STILL evaluations of fingerprint, iris and face recognition technologies. These support biometrics in national scale identity management.



Walter Hamilton

Senior Consultant, Identification Technology Partners

Mr. Hamilton is a recognized industry authority and subject matter expert on biometric technology. Mr. Hamilton is a Senior Consultant with Identification Technology Partners (IDTP), a consulting firm in the identity management field. He recently completed a seventh elected term as Chairman and President of the International Biometrics & Identification Association (IBIA), a Washington, D.C.-based non-profit trade association that advocates the use of technology to determine identity and enhance security, privacy, productivity and convenience. He currently serves as Vice Chairman of IBIA. Mr. Hamilton received a Public Service Commendation from the Commandant of the U.S. Coast Guard for his work in leading a voluntary team of security industry professionals in the development of a technical specification for reading the Transportation Worker Identification Credential (TWIC) biometric-enabled smart identity card required for all civilian maritime workers in the U.S. Prior to joining IDTP in 2006, Mr. Hamilton served as Vice President and General Manager; Biometric Solutions for Saflink Corporation. Prior to joining Saflink in 1995, Mr. Hamilton completed a distinguished 30-year career with Unisys Corporation.



Christine Harada

Associate Administrator, General Services Administration

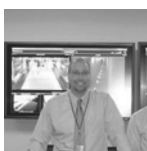
Christine J. Harada is the Associate Administrator for Government-wide Policy at the General Services Administration. In her current role, Ms. Harada helps provide government-wide policies and guidance to enable the sustainable and efficient use of assets, effective acquisition leadership, identity management and sound information management. Previously, Christine worked at The Boston Consulting Group and Booz Allen Hamilton, where she was a consultant to Fortune 500 and public sector clients, helping them tackle their most pressing challenges. At BCG, Christine was responsible for building and providing oversight for a team focused on transforming businesses, and supported global operations across 78 offices. At Booz Allen Hamilton, Christine was a leader in the firm's US government classified business, and was recognized for providing organizational strategy, strategic planning, and performance management services to clients across the Intelligence Community. Prior to her work in the consulting field, Christine worked for Kana Software as an international program manager and Lockheed Martin Space Systems Co., as a senior satellite systems engineer. Christine was educated at the Wharton School and Lauder Institute at the University of Pennsylvania, where she received both an MBA in Finance and an M.A. in International Studies with a focus on East Asia and Japanese language, at Stanford University, where she received an M.S. in Aeronautics and Astronautics, and at MIT, where she received a B.S. in Aeronautics and Astronautics.



Patrick Hearn

Senior VP Business Development, Hologram Industries

CEO of Keesing America Inc and Senior VP Business Development of Hologram Industries as well as sponsor for the formation of the Global Tax Stamp Association. Patrick has extensive global and US Gov't experience over 10 years in Identity Management with current specific interest in the "Eco-System of Trust". Awarded in 2013 and 2009 by Oberthur Technologies and the Smart Card Alliance respectively for outstanding contributions to the Industry, Patrick personally overviewed more than 4 dozen ID management programs worldwide. Patrick has an MA in International Relations and is based in the Washington DC area.



Shane Hebert

Facilities Program Manager, National Cancer Institute



David Helbock, Jr.

Senior Security Specialist, XTEC

David has 14 years of experience in the low voltage electronic security industry that includes; engineering, program management, and leadership. David has an extensive background in consulting and coordinating with all levels of government and industry concerning significant technical, operational, and administrative solutions for physical security programs. David spent several years supporting the federal government as a contractor and three years as a federal employee. As a federal employee, he was a physical security branch chief and served as the primary technical lead for implementing physical and electronic security programs and compliance reviews.



Chi Hickey

Identity Assurance and Trusted Access Division, 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.



Steve Howard

Vice President, Credentials, CertiPath, Inc.

Steve brings more than 25 years of experience on the front lines of meeting the challenges of identity management and information assurance to his role as

VP of Credentials. Steve serves CertiPath in four core roles: 1) Operational Authority for the CertiPath Bridge Certification Authority, 2) Subject Matter Expert in PIV/PIV-I technology and its application in FICAM solutions, 3) Product Development, 4) Active support to develop government and industry standards around strong identity and its operational use.

Brian Hunt

Business Functions Branch Chief, Defense Forensics and Biometrics Agency (DFBA)

Mr. Brian R. Hunt serves as the Business Functions Branch Chief, Defense Forensics and Biometrics Agency (DFBA). He is DFBA's chief advocate for the integration of biometrics into Department of Defense internal processes, including physical and logical access control. From 2008 through 2010, Mr. Hunt was a mobilized Army Reserve Lieutenant Colonel on the Biometrics Task Force (BTF) staff, supporting biometrics organizations in Iraq and Afghanistan as the Military Operations Branch Chief and also as the Operations Support Division Chief. Mr. Hunt's military career spanned 27 years, primarily in Army Aviation.



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.

**Anil John**

GSA

Anil John joined the GSA Office of Government-wide Policy in 2012, from the private sector, with expertise in Identity Management, Digital Security, Service Orientation and Privacy. He currently manages the U.S. Federal Government's Trust Framework Solutions, which enables government agencies to deliver citizen facing services in a secure and privacy respecting manner while utilizing private sector credential and identity providers. As part of the leadership team for the Government-wide Federal Identity, Credential and Access Management (FICAM) Program, he is implementing the Federal ICAM mission to align federal agencies around common identity and access management practices, to collaborate with government and private sector identity management activities to leverage best practices to ensure interoperability and, to enable trust in online transactions that cross organizational boundaries through the application of common policies and approaches.

**Todd Johnson**

Department of Treasury

**Stan Kaczmarczyk**

Director, Cloud Computing PMO, GSA

Mr. Stan Kaczmarczyk has over 20 years experience with GSA. Currently, he manages two key cloud blanket purchase agreement vehicles: Infrastructure as a Service (IaaS) & Email as a Service (EaaS). Mr. Kaczmarczyk champions future cloud initiatives like GSA's Cloud Services Broker and the "Proposed addition of new Cloud Special Identification Number (SIN) on IT Schedule 70".

**Md Enamul Karim, Ph.D.**

Research Assistant Professor, Louisiana Tech University

Md E. Karim received an M.Sc. in Computer Science from the University of Dhaka, Bangladesh and an M.S.

and a Ph.D. in Computer Science from the University of Louisiana at Lafayette. He is currently a Research Assistant Professor at the Center for Secure Cyberspace, Louisiana Tech University. His research interests include behavioral biometrics, anti-malware and anti-botnet technologies, authentication protocols, and security experimentation.

**Kevin Kozlowski**

Executive Vice President of Government Initiatives, XTec

Mr. Kevin Kozlowski has more than 20 years of experience in the Information Technology industry combined with a wide range of experience in sales, marketing, engineering, and business leadership. As the Executive Vice President of Government Initiatives, Mr. Kozlowski has been instrumental in establishing XTec as a premier security provider for the federal government overseeing cabinet level smart card systems deployments, contributing to federal smart card publications and providing security and authentication guidance to numerous federal agencies. Prior to joining XTec Mr. Kozlowski was a Senior Manager with Northrop Grumman Information Technology, he provided oversight and management of the combined Logicon and Litton-PRC smart card practice. Mr. Kozlowski holds a bachelor's degree in finance and economics from James Madison University. Mr. Kozlowski is a Certified Smart Card Industry Professional in Government (CSCIP/G) and is also a member of the Smart Card Alliance PACS council.

**Lolie Kull**

Cybersecurity Solutions Group - Identity Practice, HP Enterprise Services

Lolie Kull, is with Hewlett Packard Enterprise Services and supports the Cybersecurity Solutions Group 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, and is currently serving on the steering committee. 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.



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.



Aaron Lawson

Senior Research Linguist, SRI International (West)

Aaron Lawson is a senior research linguist in SRI International's Speech Technology and Research (STAR) Laboratory. Smith's research interests include determining biometrics and demographics from spoken and written language use, language and speaker identification from speech, social media information extraction, noise robustness and fielding systems. At SRI, Lawson manages the SRI's LinguaKey team for DARPA Active Authentication, the Acoustic Background Characterization program from Sandia National Laboratories and is Task Lead of the Language

Identification task for DARPA RATS program. Past projects include IARPA REYNARD and BEST, and Threshold Calibration for Speaker Identification from the Federal Bureau of Investigation. Prior to joining SRI, Lawson was a research scientist at Air Force Research Laboratory/RADC in the Audio Processing Group. Earlier, he was a researcher in Natural Language Processing at TextWise, LLC. He has published more than 30 papers covering speech, natural language and linguistics. His Ph.D. in applied linguistics is from Cornell University.



Qi (Peter) Li, Ph.D

Chief Research Scientist, Li Creative Technologies

Qi (Peter) Li, Ph.D. in EE, PI, Chief Research Scientist, Li Creative Technologies, Inc. (LcT): Dr. Li received a Ph.D. degree in electrical engineering from the University of Rhode Island, Kingston, in 1995. From 1995 to 2002, he worked at Bell Laboratories, AT&T and then Lucent Technologies, Murray Hill, NJ, as a Member of Technical Staff in the Multimedia Communications Research Lab, where his research focused on speech and speaker recognition, biometric authentication, and front-end signal processing. His research results were implemented in Lucent products and made a contribution to the Bell Labs ASR system, which achieved the top performance in a public robust speech recognition evaluation. Also, he won the best performance in a speaker verification evaluation conducted by one of the largest banks in the U.S. In 2002, he established Li Creative Technologies (LcT), Inc., Florham Park, NJ. LcT is a high-tech company in R&D for speech and image signal processing, multimedia applications, biometrics, and consumer products. His publications can be downloaded from www.lilabs.com. Dr. Li is a U.S. citizen.



Johannes Linzten

Utimaco



Xiaoming Liu

Assistant Professor, Michigan State University (MSU)

Xiaoming Liu is an Assistant Professor in the Department of Computer Science and Engineering at Michigan State University (MSU). He received the M.E.

degree in Computer Science from Zhejiang University, China in 2000, and the Ph.D. degree in Electrical and Computer Engineering from Carnegie Mellon University in 2004. Before joining MSU in Fall 2012, he was a research scientist at General Electric Global Research Center. His research areas are face recognition, biometrics, image alignment, video surveillance, computer vision and pattern recognition. He has authored more than 70 scientific publications, and has filed 22 U.S. patents.



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.



James Lux, P.E.

Principal Investigator, Jet Propulsion Lab

James Lux is the Principal Investigator for HERMA – Heartbeat Microwave Authentication for cellphones and mobile devices using non-contact microwave techniques. He is also the Task Manager developing DHS's FINDER (Finding Individuals for Disaster and Emergency Response), a victim detection radar that detects the breathing and heartbeat of the victims. Mr. Lux is the JPL Principal Investigator for NASA's SCaN Testbed, which was installed on the International Space Station in 2012, for which he received the NASA Exceptional Achievement Medal. A licensed professional engineer in California, Mr. Lux has been at JPL for 17

years, following award winning work in physical special effects for film and TV, design and development of electronic warfare and signals identification systems, and large distributed software systems for database and dispatch applications.



Stafford Mahfouz

Manager, Government and DoD Vertical, Tyco Software House



Ketan Mehta

PIV Staff, NIST

Mr. Mehta has been assisting National Institute of Technology (NIST) in the development and implementation of a government-wide common identity credential for Federal government employees and contractors in response to Homeland Security Presidential Directive 12 (HSPD-12). Mr. Mehta has developed, in collaboration with NIST, several special publications to aid implementation of HSPD-12 solutions. Besides specializing in HSPD-12 initiative, Mr. Mehta serves as the Vice Chair of the ANSI INCITS B10.12 technical subcommittee which develops specifications on the Interoperability for Smart Cards. Mr. Mehta also serves as a project editor of a national standard called Generic Identity Command Set (GICS). The standard will allow creation of low to high assurance identities and facilitate multi-factor authentication.



Geoffrey Meltzner

Section Lead, Biological, Audio & Speech Signal Processing, BAE Systems

Dr. Geoffrey Meltzner is the Section Lead of the Biological, Audio, and Speech Signal group at BAE Systems. Dr. Meltzner received his B.S. (1995) degree in engineering from Harvey Mudd College, his S.M (1999) in Electrical Engineering and Computer Science from MIT and his Ph.D. (2003) in Speech and Hearing Biosciences and Technology also from MIT. He has 15 years of experience in speech processing, speech coding, and biological signal processing. Dr. Meltzner is currently the program manager for a number of different DoD programs, most notably the DARPA Active Authentication program which is focused on developing unobtrusive, persistent gait-based authentication

algorithms for mobile device users, and the DARPA MUTE-ation program, which is continuing the advancement of the portable, Android based, silent speech recognition system developed under the DARPA Mouthed-Speech Understanding and Transcription Engine (MUTE) for which he acted as both Primary Investigator and Program Manager. Dr. Meltzner has also managed the DARPA RCI (Reliable Central-Nervous-System Interfaces) Program which was aimed at developing a non-invasive approach to providing high degree-of-freedom control of prosthetic limbs. He also served as the deputy-principle investigator for the DARPA ADAPT program which focuses on agile development of feature-rich soldier-focused apps for a smartphone-type platform.



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.

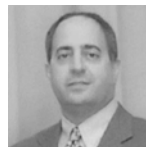


Vlad Morariu

Research Associate, University of Maryland

Vlad I. Morariu is a postdoctoral research associate at the University of Maryland, associated with the Computer Vision Lab and the Institute for Advanced Computer Studies. He received his doctoral degree in Computer Science at the University of Maryland, College Park, with Prof. Larry Davis as his advisor. He completed his B.S. and M.S. degrees at Penn State

University (with Prof. Octavia Camps as his research advisor). His research interests are in Computer Vision, Pattern Recognition, Machine Learning, and Artificial Intelligence.



William Mouyos

CEO, AMI Research

Bill is the CEO of AMI Research & Development. He has a diverse background in technology development encompassing reusable space launch vehicles, advanced radars, antennas, data acquisition systems and satellite sensors. With a Master's Certificate in Systems Engineering from Johns Hopkins University, a Bachelors of Science in Mechanical Engineering from Southeastern Massachusetts University, and an associate degree in Avionics from the U.S. Air Force his career has spanned 30 years from the U.S. Air Force, Air National Guard, Lockheed Martin and BAE Systems. Bill has over 20 patents that have been issued or are pending. Over the years Bill has received many company awards including several NASA and Lockheed awards for Shuttle operations, and BAE Systems Bronze and Silver Chairman's Awards for technical innovation. Bill is a member of the SPIE, IEEE, ASME and JHU Alumni Association.



Siva Narendra

CEO, Tyfone

Dr. Narendra is co-founder and CEO of Tyfone - a pioneering company in mobile security and services. Tyfone's customers include 2 of the Top 10 member-owned financial institutions in the US. Tyfone also signed a strategic agreement with In-Q-Tel to bring mobile security in cloud and NFC transactions to the U.S. Government. Dr. Narendra has authored over 60 technical papers in peer-reviewed conferences and journals. He is a frequent speaker at a wide range of forums sponsored by organizations such as IEEE, CTIA, SmartCard Alliance and Federal Trade Commission. Dr. Narendra has been quoted in articles featured in the BBC, Forbes and The Oregonian. He has over 150 issued and pending patents and holds a Ph.D. degree in Electrical Engineering from Massachusetts Institute of Technology (MIT). He lives in the Silicon Forest.


Sami Nassar

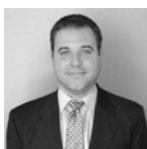
Vice President & General Manager, NXP

With 20 years of experience in the high-tech industry, Mr. Nassar brings a broad insight into digital security and semiconductors. In his current role in NXP, Mr. Nassar is heading the digital security products for the cyber security markets. Previous to joining NXP Semiconductors, Mr. Nassar held key executive positions, among them, General Manager of the Advanced Solution Group at Renesas, Managing Director of Segments & Strategic Marketing for Hitachi, and Managing Director of Schlumberger's (now Gemalto) telecom smart cards and systems. He also founded a number of startup companies in Silicon Valley.


Rebecca Nielson

Chief Technologist, DoD (BAH)

Rebecca Nielsen has over 20 years of experience in information security consulting. She has extensive experience in policy and governance related challenges associated with Public Key Infrastructure (PKI), federated credentialing using PKI and other credential types, and attribute based access control. She supports governance and operations of the Department of Defense PKI, currently leveraged by over 4.5 million users worldwide for network logon, application authentication, digital signature, and encryption. She was involved in building the way-ahead for using PKI as a cornerstone to support information sharing with federal agency, commercial, and international partners.


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.


John Noecker, Jr.

Chief Scientific Officer, Drexel University

John Noecker Jr. is the Chief Scientific Officer at Juola and Associates, a text analysis and forensic linguistics consulting firm based in Pittsburgh, Pennsylvania. He holds a B.S. in Computer Science and a B.A. in Mathematics, both from Duquesne University. His research interests include micro-document stylometry, psychometric linguistics and author demographic profiling. He has worked on several high-profile stylometry cases, including work toward identifying the true identity of Bitcoin creator "Satoshi Nakamoto", which has been featured in Forbes Magazine and the book "Bitcoin - The Future of Money?"


Stephan Papadopoulos

Co-Founder and Managing Director, The Triage Group

Stephan co-founded The Triage Group in 2005 to assist Healthcare, Government Services, Emergency Response and Public Safety organizations align their business and technology processes with their strategic and operational objectives. Stephan has over 20 years' experience in large-scale custom and packaged systems integration management, internet application development, business process and systems reengineering, and enterprise business solution development for Federal, State, and Local Government as well as Fortune 500 clients. Since founding the Triage Group, Stephan has helped drive efforts to build a leading healthcare, government services and emergency response practice. Stephan has directed and managed dozens of successful technology strategy and Internet-based initiatives for leading public and private industry clients. The solutions he has delivered include healthcare-oriented HSPD-12 smart card deployment strategies, e-business transformational strategies; Electronic Health Record and Practice Management integrations; IT organizational and infrastructure assessments; emergency healthcare interoperability assessments; publishing and content management systems; commerce and marketplace applications; and portal solutions.



Richard Parry

Parry Advisory

Parry is a career risk manager with experience that spans the globe with international financial institutions including Visa International, Citigroup and JPMorgan Chase. His expertise includes executive roles in fraud operations, fraud policy and oversight, customer authentication and identity management. He left JPMC to co-found Turnkey Risk Solutions, a dedicated identity risk management company specializing in identifying synthetic identities and first-party fraud. Most recently he formed Parry Advisory, a venture to promote clear thinking on identity risk and provide thought leadership on the importance solving problems as they are experienced rather than as they are perceived.



Rick Patrick

Senior Vice President, Oberthur Technologies

Rick Patrick is the Senior Vice President for the identity division North America for Oberthur Technologies. He has over 25 years experience successfully leading business development efforts at notable technology companies such as Siemens, IBM, Digital Sandbox and MorphoTrust. His background includes core technology expertise in telecommunications, biometric security, secure credentialing and professional services. He played a key role in the successful implementation of DHS's Western Hemisphere Travel Initiative, WHTI or Passport Card program. He is an alumnus of Virginia Tech, with a BS in Business Management and has been in the DC metro area for the past 25 years.



Ann Patterson

SVP, Program Director, Medical Identity Fraud Alliance (MIFA)

Ann Patterson is SVP and Program Director for the Medical Identity Fraud Alliance (MIFA). She oversees member programming, including committees, working groups, deliverables, member engagement and meetings, and manages member recruitment, retention and marketing. Prior to MIFA, Ann was VP of Member Relations and Communications at BITS/Financial Services Roundtable, with focus on delivering value through member programs and executing the communications and press relations program. She also

managed the Product Certification Program, a software testing program that allowed companies to certify against security criteria. Previously, she worked in communications for Ernst & Young, PricewaterhouseCoopers and Department of Defense.



Neville Pattinson



SVP, Government Affairs & Standards, Gemalto

Neville Pattinson is the Senior Vice President for Government Affairs, Standards and Business Development at Gemalto, Inc. based in Austin, TX. Within that role he constantly evangelizes the need to move to smart card based solutions to protect both identity and privacy. Mr. Pattinson is a leading expert and thought leader on digital security identity solutions such as smart cards, electronic passports and hardware tokens that use secure microprocessor chips to keep identity credentials including biometrics secure and private. Heavily involved in leading the policy, planning and implementing a number of federal government security initiatives, Mr. Pattinson's experience includes the Department of Defense Common Access Card (CAC); Homeland Security Presidential Directive -12 (HSPD-12), Federal Identity Processing Standard 201 and the Personal Identity Verification (PIV) Federal Employee credentialing program; privacy protections implemented in the Department of State's electronic e-Passport and Western Hemisphere Travel Initiative technology selection. He also championed the Transportation Worker Identity Credential (TWIC) program and the secure credentialing of first responders as part of Federal Emergency Management Agency. 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.



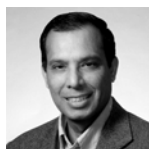
Dwayne Pfeiffer



Program Manager, Northrop Grumman/Dept of Interior

Dwayne Pfeiffer works for Northrop Grumman and has over 14 years of experience in the areas of Identity, Credential, and Access Management (ICAM). Since 2008, he has been leading the program management support efforts for the Department of the Interior ICAM/HSPD-12 Program Management Office. Mr. Pfeiffer is a former Chair and Vice Chair of the Smart Card Alliance Physical Access Council. He is a Certified Information Systems Security Professional (CISSP) and Certified Smart Card Industry Professional/Government

(CSCIP/G). He also holds a BA in Business and Management from the University of Maryland and a MS in Information Technology and Security from Capella University.


Vir Phoha

Professor of Electrical Engineering and Computer Science, Syracuse University

Vir V. Phoha is a professor of Electrical Engineering and Computer Science at Syracuse University. Prior to joining Syracuse University he held the W. W. Chew Endowed Professorship, and was the director of the Center for Secure Cyberspace at the Louisiana Tech University. Professor Phoha holds an M.S. and a Ph.D. in Computer Science from the Texas Tech University. He has done fundamental and applied work in anomaly detection in network systems, in particular in the detection of rare events. He has eight patent applications and many reports of inventions. He authored over 150 publications and an author/editor of five books. He has won various distinctions including: (1) Elected Fellow of Society of Design and Process Sciences (SDPS), 2010; (2) ACM Distinguished Scientist, 2008; (3) IEEE Region 5 Outstanding Engineering Educator Runner-Up award, 2008; (4) Research commemoration awards at Louisiana Tech University, 2002, 2006, 2007, 2008; (5) Outstanding research faculty and faculty circle of excellence award at Northeastern State University, Oklahoma, and (6) as a student, the President's Gold medal for academic distinction.


Jim Quinn

Deputy CISO (HQ) Enterprise Services, Department of Homeland Security


Scott Rea

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

Scott Rea is VP of Government and Education Relations and Sr. PKI Architect at DigiCert. He and his team provide policy and technology subject matter expertise during the design and architecture of emerging PKI systems and work with DigiCert executive management in strategic planning and forecasting. Rea is an

innovative thought leader and who participates in, and influences the development of, emerging PKI policies, practices, and applications. Rea previously operated the HEBCA, is founding member and current Vice Chair of TAGPMA. Rea is a Board Member of DirectTrust.org and also serves as a Board Member and director/administrator of the REBCA.


Mark Robinton

HID Global


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 is a Certified Smart Card Industry Professional (CSCIP) and an authority in ISO14443 and NFC technology as applied in physical access control, identity management, and multimodal Biometrics. His extensive security professional career includes senior executive positions with industry leaders Radionics, e-Data, Integrated Engineering and HID; Steve founded IQ Devices and is currently President and CEO of Intellisoft. Dedicated to security industry standards work, Steve has co-authored over 35 White papers and is a frequent conference speaker. Recognized on the Smartcard Alliance Council "Honor Role" he is a two term officer for both the Access Control Council (co-founder) and the Identity Council. As an elected member to both Steering Committees, Steve received the "Outstanding Contributor Award" two years running. He is distinguished as a "Quarter Century of Service" member in ASIS and active with the Security Industry Association



SPEAKERS

(SIA) including the Access Control and Identity Subcommittee; he is also a contributing member of the RTCA SC-224 Airport Security Committee.



John Schwartz

TSA/TWIC



Adam Shane

Sr. Systems Design Architect and Product Manager, AMAG Technology



James Sheire

GSA



Steve Sill

Program Manager, USAccess, GSA MSO

Steve Sill is the Program Manager for GSA's USAccess PIV issuance shared service. In its 8-year life, USAccess has issued more than 900,000 PIV cards to 100 federal agencies, commissions, and boards, and is the second largest issuer of smart cards in government. Steve's career spans more than 40 years in government, primarily in the communications, security and resource management fields. He has a bachelor's degree in History and Sociology.



Geoffrey Slagle

Director Identity Management, AAMVA

Mr. Slagle works in cooperation with the North American motor vehicle administrations and other Government issuing authorities on their identity management and identification security efforts to include their continuing improvement in their identification documents and credentials: identity proofing methodology; production equipment and materials; machine-readable

technologies; biometrics; physical security features; and back-end databases in support of credentialing programs. He has extensive programmatic, policy, and operational experience in the identity management discipline.



Brandy Sloan

Gallagher

Toby Slusher

IT Specialist, US Department of HHS



Judith Spencer

PMA Chair, CertiPath LLC

Judith Spencer is the Chair, CertiPath Policy Management Authority. She manages the CertiPath Bridge Certification Authority, which provides the federated trust environment for industry, including the Aerospace-Defense community. Previously, Ms. Spencer was employed by the U.S. General Services Administration building cross-organizational consensus on matters related to identity management and assisting the Federal community in implementing HSPD-12. She continues to champion high assurance identity credentials in the federated environment.



Angelos Stavrou

CEO, Kryptowire

Dr. Angelos Stavrou, Kryptowire's founder and CEO is a recognized expert in computer and network security. Stavrou has served as principal investigator on contracts from NSF, DARPA, IARPA, AFOSR, ARO, ONR, and he is an active member of NIST's Mobile Security team and has written more than 40 peer-reviewed conference and journal articles. Stavrou received his M.Sc. in Electrical Engineering, M.Phil. and Ph.D. (with distinction) in Computer Science all from Columbia University. Over the past years, Dr. Stavrou's research has focused on two aspects of security: Systems' Security and Reliability. In the context of the first, he is working with NIST as part of the DARPA "Transformative Applications" project that involves securing Android mobile phone devices against kernel-level attacks. Furthermore, Stavrou is the GMU PI participating along

with Columbia, Stanford, and Symantec in the IARPA “StoneSoup” effort.



Mark Steffler

VP Government Practice, Quantum Secure

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.



Salvatore Stolfo

Professor of Artificial Intelligence, Allure

Dr. Stolfo is a people person. And that makes him unique in a field where folks focus on making machines. As professor of Artificial Intelligence at Columbia University since 1979, Dr. Stolfo has spent a career figuring out how people think and how to make computers and systems think like people. Early in his career he realized that the best technology adapts to how humans work, not the other way around. Dr. Stolfo has been granted over 47 patents and has published over 300 papers and books in the areas of parallel computing, AI knowledge-based systems, data mining, computer security and intrusion detection systems. His research has been supported by numerous government agencies, including DARPA, NSF, ONR, NSA, CIA, IARPA, AFOSR, ARO, NIST, and DHS.



Alexander Summerer

Technology Consulting, Mobile Security, Giesecke & Devrient

Alexander Summerer has been working for Giesecke & Devrient since 2008. As system architect he was responsible for the implementation and integration of

Mobile ID and PKI solutions. Currently he is working as a technology consultant. In this role, he is responsible for driving technology developments for mobile security and strong authentication solutions for mobile platforms. Alexander Summerer is an active contributor in different standardization organizations and is especially engaged in the standardization of secure element APIs.



Lars Suneborn

Director of Training Programs, Smart Card Alliance

Before joining the Smart Card Alliance in 2014, Lars enjoyed a 30 + year career in the security industry, where he is recognized as a Physical Access Control System (PACS) subject matter leader. A frequent speaker, Lars is often specifically requested by name for specialized training requirements. He has developed and conducted customized, agency specific week-long training courses and courseware as well as Train-the-Trainer activities for a wide variety of U.S., Canadian and British security agencies at facilities worldwide. He also actively promoted smart card, biometric and PKI cryptographic technologies as vital components in overall system designs for high-risk, high-security facilities nationally and internationally, and guided U.S. agencies in their efforts to achieve HSPD-12/ FICAM compliance. A former chairman of the Smart Card Alliance Access Control Council, Lars previously served in various capacities with HIRSCH Electronics and Oberthur Technologies, where his numerous achievements included developing, with the Department of Treasury and IT/Security, the concept and implementation plan for nation-wide ePACS network for 700+ locations.



Chris Taylor

Senior Product Manager, Entrust

Chris manages Entrust's flagship identity-based software authentication platform, Entrust IdentityGuard, as well as its supporting applications and integrations with third-party access management systems. He specializes in identity-based security, cybersecurity, mobile security, smartcard technology and employing digital certificates. Chris is responsible for driving the Entrust IdentityGuard product strategy and roadmap, along with its execution from a product launch perspective.





Daniel Turissini

President, ORC

Dan serves as President of Operational Research Consultants, Inc., a subsidiary of WidePoint Corp. and has been its Chief Executive Officer since October 25, 2004. Mr. Turissini has been Chief Technology Officer and Vice President of WidePoint Corp. since December 2005. Mr. Turissini served as Chief Operations Officer of Operational Research Consultants Inc. since October 25, 2004.

Rick Uhrig



Senior Manager of Identity and Access Solutions, XTec



Matthew Valenti

Professor, West Virginia University (WVU)

Matthew Valenti is a Professor in the Lane Department of Computer Science and Electrical Engineering at West Virginia University. He is a site Director for the Center for Identification Technology Research (CITeR), an NSF Industry/University Cooperative Research Center (I/UCRC). His research is in the area of identity management, biometrics, cloud computing, and wireless communications. He has published over 100 peer-reviewed papers, is active in the organization of several IEEE conferences and journals, and is registered as a Professional Engineer in the state of West Virginia.



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.



Sandy Vann-Olejasz, PM

DoD Biometrics



Richard Vorder Bruegge

Senior Photographic Technologist, Federal Bureau of Investigation

Richard W. Vorder Bruegge is the Senior Photographic Technologist for the Federal Bureau of Investigation. In this role, he is responsible for overseeing FBI science and technology developments in the imaging sciences, to include face recognition applications and video analytics. He has testified as an expert witness over sixty times in criminal cases in the United States and abroad. In 2014, he was named to the Forensic Science Standards Board as Chair of the Digital & Multimedia Scientific Area Committee. Dr. Vorder Bruegge was named a Director of National Intelligence Science and Technology Fellow in January 2010.



Keith Ward

President & CEO, TSCP

Mr. Ward has over 25 years of proven Information Technology (IT) executive and business management experience in leading, managing and developing complex mission critical programs and solutions. His key strengths lie in fostering and building new business relationships and alliances within a high-technology environment; developing solution and marketing strategies; and, implementing and executing new business plans and models. With more than 17 years of information security expertise, Mr. Ward has been involved in many areas of security including identity and access management, security compliance, threat research and development, vulnerability management, encryption and managed security services.

**Debbie Waung**

Director, Novetta

**Brian Wong**

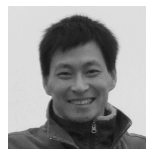
Director, Novetta

With over a decade of experience in the biometrics and identity management industries, Mr. Brian Wong is a Director in the Identity Intelligence (I2) Division of Novetta. In this role he leads consulting engagements, research studies, and testing efforts in biometrics, security and healthcare IT. He is also involved in biometric standards development activities, and previously served on the IEEE Certified Biometrics Professional (CBP) Certification Committee as a subject matter expert. Mr. Wong holds Bachelors and Masters degrees in aerospace engineering from the Massachusetts Institute of Technology.

**Chris Williams**

Enterprise Cybersecurity Architect, Leidos

Mr. Williams has been involved in the IT security field since 1994 in a combination of U.S. military and civilian positions. He has been with Leidos (formerly part of SAIC) for the past 11 years focusing on cybersecurity, identity management and policy compliance issues. He has worked with the U.S. Army, Defense Information Systems Agency, Department of State, Defense Intelligence Agency, and numerous commercial customers, focusing on designing integrated enterprise cybersecurity solutions to protect against modern threats. He has presented at RSA, MILCOM, the Smart Card Alliance, ISC2, ISSA, B-Sides and other forums. He is a former ranger-qualified paratrooper and holds a bachelor's degree in computer science engineering from Princeton University and a master's degree in information assurance from George Washington University.

**Jiejie (Victor) Zhu**

Computer Scientist, SRI International (East)

Dr. Jiejie (Victor) Zhu is currently a computer scientist in Stanford Research Institute (SRI) International. He has led a number of DoD programs and has a record of project success in real-time data exploitation. Dr. Zhu's research interest is mainly focused on computer vision, pattern recognition and sensor fusion. He has published more than 30 peer reviewed papers.



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

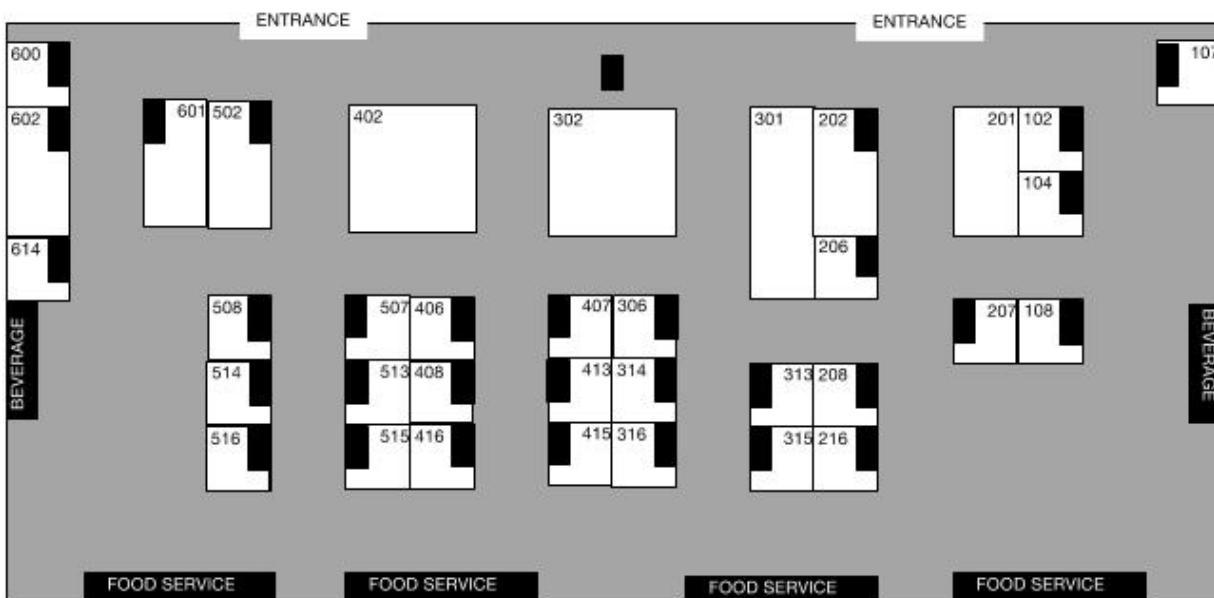
Who Should Attend?

- 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

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Exhibitors & Sponsors

Portfolio Sponsor, Booth 502

ABnote



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02132

www.abnote.com

For over 215 years, ABnote/American Bank Note has been a global supplier of secure documents, services and systems. Our principal products include: open payment and stored value cards, EMV and prepaid cards, contact and contactless cards, identification cards, National ID and State Drivers Licenses, payroll cards, gift cards, RFID cards, paper certificates, passports, state titles, certificates of origin, and stock certificates. Our services include the complete fulfillment of products from graphic design, print production, personalization, secure warehousing, distribution and fulfillment.

Booth 600

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 'Best Under a Billion' list, 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 508

Airbus Defense & Space



2550 Wasser Terrace Suite 9000,
Herndon, VA 22202
www.northamerica.airbus-group.com

Airbus Group is a global leader in aerospace, defense and related services. Airbus Group contributes more than \$14 billion to the U.S. economy annually and supports over 245,000 American jobs through its

network of suppliers. Airbus Defense and Space, Inc. headquartered in Herndon, Virginia, offers a broad array of advanced solutions to meet U.S. military and commercial requirements, including fixed- and rotary-wing aircraft, homeland security systems, public safety communications, defense electronics and avionics, and threat detection systems. Airbus Group has invested, and built a strong presence in the US secure PIV-I/PKI credentialing market. Our solution combines existing, industry-standard components with custom software to offer our customers a complete credentialing package. We support a broad range of FIPS-201 GSA approved product list (APL) hardware, providing customers the capacity to leverage their existing investments with our standard solution.

Booth 514

AMAG Technology



20701 Manhattan Place, Torrance,
CA 90501

www.AMAG.com

AMAG Technology is an access control, IP video and intrusion detection solution provider. At the heart of the AMAG solution is the Symmetry™ Homeland Security Management System, a solution that provides intelligent networked solutions scaled to manage access control, video and security management challenges for single or multi-site applications, all on a single platform. Symmetry Homeland meets all government requirements, making it the perfect solution for local, state and federal facilities that must meet security requirements; FIPS 201, FIPS 197, FIPS 140, FICAM, ICD 705, NERC, FISMA C&A, DIACAP, NIST SP800-116 and TWIC.

Booth 108

Bridgepoint Systems, Inc.



530 McCormick Street, San
Loandro, CA 94577

www.bridgepointsystems.com

For nearly a decade, BridgePoint has been delivering access control and security solutions employing Government smart cards - longer than any competitive firm. We know that security managers face an ever-changing array of threats and our technology helps ensure access that's secure - both today and in the future. BridgePoint's highly trusted security solutions meet and exceed the latest standards and guidance set forth by the Federal Government. Access to thousands of Government and military doors depend on BridgePoint's trusted identity authentication, an innovative solution that embeds public key infrastructure

in an agile, user friendly approach to identity assurance in physical access.



Booth 206
CardLogix

16 Hughes, Suite 100, Irvine, CA 92618
www.cardlogix.com

Since 1998, CardLogix has manufactured millions of cards with ISO quality manufacturing that have shipped to over 36 countries around the world. With expertise in card and chip technology, as well as card operating systems, software, development tools, and middleware, CardLogix has continuously been at the forefront of smart card technology for Trusted ID and Transaction Systems.



Booth 413
CertiPath

11921 Freedom Drive Suite 710, Reston, VA 20190
www.certipath.com

Virtually every agency and organization today has migrated to some form of PKI to protect its assets, be they data, buildings or people. With this enormous increase in the use of high assurance credentials, have come large numbers of credential issuers. CertiPath's tools leverage and vastly extend the investment in high assurance credentials. The CertiPath tools, CIViaB, EV*Mail and Authority Monitoring Service (AMS), compliment the federated trust fabric to insure valid identity, network protection, risk mitigation and situation awareness. Identities have a significant effect on your data's security, holding those identities to the highest level of validation provides the basis of trust within your network.

Track Sponsor



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www.deloitte.com

Deloitte's Federal Practice has over 6,600 dedicated professionals who work with government agencies to deliver award-winning solutions to complex business challenges. By drawing on industry-leading practices across government and business, Deloitte applies a mix of private-sector perspective and public-sector experience to help federal agencies in their efforts to address today's biggest challenges while building a stronger foundation for tomorrow.



Booth 316
Eid Passport

5800 NW Pinefarm Place, Hillsboro, OR 97124
www.eidpassport.com

Eid Passport, Inc., is a leading provider of products and services that create safer and more secure environments for commercial, government and military facilities. The company is best known for the RAPIDGate® Program, a high-assurance identity management program for vendors, contractors and service providers who require escorted or authorized access to secure facilities or sensitive corporate resources. RAPIDGate has credentialed more than 600,000 vendor/contractor employees representing approximately 50,000 companies doing business with the U.S. Navy, Army, Marine Corps, Coast Guard, and NASA. As a result, Eid Passport is the leading commercial provider of U.S. Department of Defense recognized vendor credentials.



Booth 313
Ek Ekcessories

575 W 3200 S Logan, UT 84321
www.ekusa.com

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Booth 314
Entrust

5430 LBJ Freeway, Suite 1250, Dallas, TX 75240
www.entrust.com

About Entrust, part of Datacard Group - Entrust offers software authentication platforms that strengthen security in a wide range of identity and transaction ecosystems. Government agencies, financial institutions and other enterprises rely on Entrust solutions to strengthen trust and reduce complexity for consumers, citizens and employees. Now, as part of Datacard Group, Entrust offers an expanded portfolio of solutions across more than 150 countries. Together, Datacard Group and Entrust issue more than 10 million secure identities every day, manage billions of secure transactions annually and issue a majority of the world's financial cards. For more information about Entrust solutions, call 888-690-2424, email entrust@entrust.com or visit entrust.com.

Securing mobile life.



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.



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Booth 306

Exponent

149 Commonwealth Dr., Menlo Park, CA 94025
www.exponent.com/identity_management_and_security/

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.

Wed Break Sponsor, Booth 202

Gallagher North America



5005 NW 41st, 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 302

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9442 Capital of Texas Hwy North, Ste 400 Arboretum Plaza II, 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 415

Giesecke & Devrient America



45925 Horseshoe Dr, Dulles, VA 20166
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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 201

HID Global



611 Center Ridge Drive, Austin, TX 78753
www.hidglobal.com

HID Global is the trusted source for innovative products, services, solutions, and know-how related to the creation, management, and use of secure identities for millions of customers around the world. The company's served markets include physical and logical access control, including strong authentication and credential management; card printing and personalization; visitor management systems; highly secure government and citizen ID; and identification RFID technologies used in animal ID and industry and logistics applications. The company's primary brands include ActivID®, EasyLobby®, FARGO®, IdenTrust®, LaserCard®, Lumidigm®, and HID®. Headquartered in Austin, Texas, HID Global has over 2,200 employees worldwide and operates international offices that support more than 100 countries. HID Global® is an ASSA ABLOY Group brand. For more information, visit www.hidglobal.com.

Booth 315

Hologram Industries

8000 Towers Crescent Drive 13th
Floor, Vienna, VA 22182
www.hologram-industries.com

Hologram Industries Group is a world leader in optical and digital security solutions in authentication specializing in banknotes, identity and travel documents, vehicle decals and track and trace global brands. Hologram Industries technologies protects passports, national ID cards and drivers' licenses and ensures positive authentication. Hologram Industries has 25 years' experience in holography and is certified CWA/Intergraf. The Group's Keesing Reference Systems a subsidiary of Hologram Industries develops and maintains the world's largest on-line and printed reference of genuine ID Documents with over 2,000 documents from 200 countries. Hologram Industries deep understanding of users' needs and a unique portfolio of technologies allows the group to propose relevant, innovative, and effective solutions.



Booth 407

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20171
www.hp.com/go/cybersecurity

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 <http://www.hp.com/go/cybersecurity>

Booth 406

Identification Technology Partners (IDTP)

12 S. Summit Ave., Suite 110,
Gaithersburg, MD 20877
www.idtp.com



IDTP is the leading consulting firm with an independent focus on the identity management and secure access industry. IDTP has assembled a partnership of recognized industry experts who support our clients with technical, business and policy related services for secure identification markets. IDTP has real-world experience in program design, technology application, and compliance testing, gained through our continued involvement in benchmark national credentialing programs and foundational industry standards initiatives. IDTP's knowledge and experience in secure identity systems, including biometrics, smart cards and

cryptography, is influencing today's advanced identification and secure access programs.

Booth 208

Identiv

1900-B Carnegie Avenue, Santa
Ana, CA 92705
www.identiv-group.com



Identiv is a global security technology company that establishes trust in the connected world, including premises, information, and everyday items. Global government, education, retail, transportation, healthcare, and other organizations rely upon Identiv's *Trust Solutions for Premises*, *Trust Solutions for Information*, and *Trust Solutions for Everyday Items* to reduce risk, achieve compliance, and protect brand identity. Identiv's trust solutions allow customers to trust their buildings, networks, information, cloud services, and even everyday items, and are implemented using standards-based technology, such as digital certificates, strong authentication, mobility, and cloud services.

Booth 301

Intercede

Lutterworth Mall St. Mary's Road,
Lutterworth, Leicestershire LE
174PS United Kingdom
www.intercede.com



Intercede® is a software company specializing in identity and credential management. Intercede's MyID® system enables organizations to create and use trusted digital identities for employees, citizens and machines, allowing secure access to services, facilities, information and networks. MyID is the first US derived credential management solution that allows organizations to easily deploy derived PIV credentials to a range of mobile devices. Meeting the required technical and business process standards to achieve FIPS 201-2 compliance, and combining technology independence with easy 'mobile first' self-service interfaces, MyID enables fast enterprise-wide deployment of derived credentials at the lowest total cost of ownership. www.intercede.com

Booth 107

Lenel Systems International

1212 Pittsford Victor Road,
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www.lenel.com



When Lenel was founded in 1991, competing security systems were highly proprietary and closed. Yet Lenel's founders and engineers saw the value of open architecture and streamlined integration with third-party

security components. In 1995, Lenel launched OnGuard®, the first open architecture security platform, to help customers achieve ultimate integration flexibility on every aspect of their system, from access control and video management to operating systems and databases. Today, Lenel provides solutions for corporations worldwide, including Fortune 100 firms, financial institutions, universities and government facilities. With OnGuard, we continue to advance our capabilities to support our customers' current and, even more critically, their future security requirements.



Booth 102
MELZER maschinenbau GmbH

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Germany
www.melzergmbh.com

MELZER is the leading equipment supplier for the industrial production of state-of-the-art MRTD's, ID Cards, Smart Cards, Contactless Cards and RFID Inlays. Customized solutions in combination with the unique modular inline production processes ensure highest productivity, flexibility and security at a maximum yield. The Melzer product portfolio also includes advanced RFID converting equipment for the production of Smart Labels, Smart Tickets and Luggage Tags.



Booth 516
NetIQ
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www.netiq.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.



Thursday Break Sponsor

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10226 San Pedro, San Antonio,
TX 78216
www.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 602

Novetta



7921 Jones Branch Drive 5th
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www.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 207

NXP Semiconductors

411 East Plumeria Drive, San
Jose, CA 95134
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 700 cities across the globe.



Registration Badge Sponsor,
Booth 402

Oberthur Technologies

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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 513

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 601

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 507

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 515

Ultra Electronics Identity



6724 185th Ave NE, Suite A,
Redmond, WA 98052
www.ultraid.com

Ultra Electronics ID provides identity management, credentialing and issuance solutions. Headquartered in the UK at a military certified manufacturing and development facility, Ultra ID has operations across the globe. Ultra ID products are trusted by thousands of organisations and governments throughout the world to issue millions of secure identity credentials every year.

Booth 614

Vanguard Integrity Professionals



6625 S. Eastern Ave #100,
Las Vegas, NV 89129
www.go2vanguard.com

Vanguard Integrity Professionals, an IBM business partner, provides enterprise security and software services that solve complex security and regulatory compliance challenges and deliver a rapid return on investment. With automated solutions for Identity and Access Management and Governance (Vanguard IAM), Risk Management and Compliance (Vanguard GRC), Vanguard enables government agencies and corporations around the world to continuously monitor IT resources, safeguard cloud computing domains and protect critical data and applications from cyber security threats.



Booth 614
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 480 Pleasant St, Lee, MA 01238
www.wave.com

Wave Systems Corp. (NASDAQ: WAVX) reduces the complexity, cost and uncertainty of data protection by starting inside the device. Unlike other vendors who try to secure information by adding layers of software for security, Wave leverages the security capabilities built directly into endpoint computing platforms themselves. Wave has been a foremost expert on this growing trend, leading the way with first-to-market solutions and helping shape standards through its work as a board member for theTrusted Computing Group.



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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>.



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 Leicestershire UK
www.cardworldonline.com

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GlobalPlatformwww.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



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HomelandSecurityToday.USwww.hstoday.us/home.html

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Association Sponsor

International Card Manufacturers Association

191 Clarksville Rd, Princeton, NJ 08550

www.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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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@sourcemedia.com or 312-475-0649



Association Sponsor

Java Card Forumwww.javacardforum.org

The primary purpose of the Java Card Forum is to promote as an industry the development of Java as the preferred platform for interoperable smart cards and other secure devices. The Forum was founded in 1997 and is composed of a Business Committee and Technical Committee, advancing the Java Card specification in cooperation with Oracle - the latest version being Java Card 3.0. The Java Card platform is now one of the most pervasive technologies in the world.

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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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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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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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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
- Federated Identity, Strong Authentication, NSTIC and the Identity Ecosystem Workshop, Smart Card Alliance 12th 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 to: GSA on draft FIPS 201 Evaluation Program documents, draft PKI procurement language, and FIPS 201 Approved Products List; NIST on draft SP 800-73-4; U.S. Coast Guard on TWIC Reader Notice of Proposed Rule Making

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

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

The unbiased, collective industry expertise of the Smart Card Alliance continues to, in a leading role, serve both industry as well as government agencies with accurate, current and relevant information necessary to make informed decisions.

—Lars R. Suneborn, Identiv

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 access control, health and human services, identity, mobile/NFC, payments and transportation industries. Council participation is open to any Smart Card Alliance member who wishes to contribute to the Council projects.

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U.S. Department of State

U.S. Department of Transportation/Volpe Center

Washington Metropolitan Area Transit

Authority (WMATA)

XTec, Incorporated

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 led Smart Card Alliance efforts on NSTIC.

Member Comments

"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

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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 access control, healthcare, identity, mobile/ NFC, payments and transportation industries. Council participation is open to any Smart Card Alliance member who wishes to contribute to the Council projects.

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Secretary: Salvatore D'Agostino, IDmachines

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Quantum Secure Inc.

SafeNet, Inc.

SecureKey Technologies

Stanley Security Solutions

Tyco - Software House

Ultra Electronics Card Systems

U.S. Department of Homeland Security

XTec, Incorporated

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
- 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, in collaboration with the Identity Council
- Healthcare Identity Management LinkedIn Group
- Healthcare ID Resources
- HIPAA Compliance and Smart Cards: Solutions to Privacy and Security Requirements
- 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 and Commentary

- Submission of comments to the Office of the National Coordinator for Health IT, Health IT Policy Committee, on Stage 3 Meaningful Use of electronic health records
- Collaboration with HIMSS, Secure ID Coalition and the Workgroup for Electronic Data Interchange (WEDI)

Member Comments

“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.

“The Smart Card Alliance’s Health and Human Services Council is focused on improving the security and privacy issues facing the U.S. healthcare system as we move our antiquated paper-based systems into the electronic world. Through educational initiatives and collaboration, Council members are focused on increasing the adoption of secure and standards-based smart card technology in the U.S. healthcare system. Gemalto is pleased with the opportunity to actively participate on the Health and Human Services Council and help drive adoption of this technology.”

—Michael Magrath, Director, Business Development - Government & Healthcare, Gemalto and Council Chair

“The interest in smart card technology in the healthcare industry continues to grow as hospitals, insurance companies and providers, including state and federal agencies for Medicare/Medicaid, are turning to the Alliance for unbiased, educated information to make knowledgeable decisions. Oberthur Technologies is proud to be part of an organization that places a focus on educating all members of the value chain on the importance of the security that smart cards can provide through identity validation, personal health record protection, elimination of fraudulent activity, and the recognition of provider/patient authenticity. Involvement in the Alliance is a win-win for all involved and the smart card industry.”

—James Zalnasky, Business Development Manager - Healthcare and Driving License, Oberthur Technologies

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Vice chair: David Batchelor, LifeMed ID, Inc.

Secretary: Hugh Gilenson, ABnote Group

Council Steering Committee

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Anna Fernezian, CSC

Margaret Free, Giesecke & Devrient

Hugh Gilenson, ABnote Group

Jim Zalnasky, Oberthur Technologies

Council Members

ABnote Group

Accenture

Advanced Card Systems Ltd.

Bell Identification B.V.

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Defense Manpower Data Center (DMDC)

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Member Meeting

DECEMBER 7-9, 2014

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Honoring Leading Members of the Smart Card Alliance:

We will announce the members of the Smart Card Alliance Center of Excellence, a member program



recognizing member companies who have achieved the highest level of active participation in the Smart Card Alliance, the Outstanding Contributors Awards to the top industry council contributors, and the 2014 Honor Roll of council members acknowledged for their volunteer efforts.

Featuring Industry Reports and Break-Out Sessions From All Industry Councils

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

YOU'RE INVITED TO AN EXCLUSIVE YEAR-END 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 to learn about the latest issues and key business trends that will be impacting your business in the future. The meeting will feature plenary keynote speakers and panels covering key industry trends and activities, several concurrent Council-organized breakout sessions on topics affecting specific market segments and cross-industry market trends, and great networking opportunities with fellow Smart Card Alliance organizations and individual members. You'll have the opportunity to meet with colleagues in activities prior to the start of the business program, including golf and tennis tournaments, or an afternoon at Disney's Epcot, as an opportunity for members to get to know each other in a relaxing, fun way.



Smart Card
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