

Don't Miss The **18th Forum** From The Advanced Learning Institute's Acclaimed
Security & Technology Training Series...

Now Updated & Tailored for the Public Sector!



BIOMETRICS
for Government
How To Deploy And Coordinate Identity Technologies
To Maximize Results And Achieve Objectives
July 21 - 24, 2008 • Washington, DC

Rave Review from a Past Biometrics Conference Attendee

"The conference was well organized and included great presenters with timely and pertinent information."

N. Blacker, Major
U.S. ARMY

**** Save Your Agency's Budget \$400! Register by June 5th! ****
To Register, Call (888) 362-7400 -or- (773) 695-9400

REGISTER TODAY!

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Mail to: Advanced Learning Institute, 8600 W. Bryn Mawr Ave., Suite 920-N, Chicago, IL 60631

KEY TAKE AWAYS:

Attend the **18th** updated forum for advanced identification solutions including...Finger Print Technology, Facial Recognition Systems, Signature Verification, Iris and Retina Scan, Smart Cards, Hand Geometry, and Voice Verification.

Attending this conference will help you:

- Understand the key biometric technologies – how they work, costs and benefits, strengths and weaknesses – **through several real, end user case study examples**
- Comply with and satisfy the requirements for **Homeland Security Presidential Directive 12 (HSPD-12) & the Federal Information Processing Standards Publication 201 (FIPS 201)**
- Incorporate biometrics into an integrated solution for **identity management**
- Achieve **cost savings** and **increase efficiency**

SPEAKING ORGANIZATIONS:

Join your colleagues for this leading industry forum focusing on REAL-LIFE case studies from those who have successfully implemented biometric systems in government, including NEW END USER case studies from the following organizations and experts:

U.S. Department Of The Navy

The Executive Office of the President

U.S. General Services Administration

Transportation Security Administration

U.S. Department of State

National Biometric Security Project

Illinois Office of the Secretary of State

and security by implementing biometric applications

- Foster interagency communication and cooperation to ensure biometrics project success
- Make the **business case for biometrics** and smart cards
- **Test and evaluate** the **performance** of a biometric system to ensure system security
- Apply the latest **standards** to your application
- Discover the **ethical and privacy issues** and how to avoid being perceived as "Big Brother"
- Integrate biometrics with other authentication technologies such as **smart cards and Public Key Infrastructure (PKI)** to improve security
- **Implement multimodal biometrics** - such as the fusion of fingerprint, iris recognition and face recognition
- **Overcome common pitfalls** during biometric deployment
- Learn about the vulnerabilities of biometric systems to **spoofing**

[U.S. Department of Homeland Security](#)

**National Institute of Standards and Technology,
U.S. Department of Commerce**

[Federal Bureau of Investigation](#)

U.S. Army

[International Biometric Group \(IBG\)](#)

Identification Technology Partners, Inc.

[Daon](#)

Cieri Consulting Group Inc.

[International Biometric Industry Association](#)

**Lane Department of Computer Science and
Electrical Engineering,
West Virginia University**

[3FACTOR, LLC](#)

L-1 Identity Solutions, Inc.

[Precise Biometrics Inc.](#)

Presented by:



**Your Government &
Security Training
Partner Since 1997**

Supporting Organizations:





BioAPI™



WHY YOU SHOULD ATTEND THE BIOMETRICS FOR GOVERNMENT CONFERENCE:

1. Hear from top government representatives and their lessons learned in planning for and deploying biometrics projects including **The Executive Office of the President, Transportation Security Administration, U.S. Army, Federal Bureau of Investigation** and many more
2. Obtain hands-on, "how to" information in the pre- and post-conference workshops
3. Gain insights into launching large and small scale biometric projects
4. Learn about the various biometric technologies to determine the best technology for your needs
5. Examine the latest in technological developments
6. Review new standards and governmental policies
7. Network, network, network with others interested in biometrics

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MAXIMIZE YOUR TRAINING!

Choose From Four Workshops For Ultimate Value And Learning...

Sign up for your choice of these interactive workshops to focus on your individual needs:

• **Pre-Conference Morning Workshop A –**

Monday, July 21, 2008, 9:00am – 12:00pm:

Biometrics 101: Understanding Biometric Technology And Its Implementation

• **Pre-Conference Afternoon Workshop B –**

Monday, July 21, 2008, 1:30pm – 4:30pm:

Making The Business Case For Biometric Identity Management In Your Organization

• **Post-Conference Morning Workshop C –**

Thursday, July 24, 2008, 8:30am – 11:30am:

Implementing Biometrics: A Step-By-Step Process To Ensure Project Success

• **Post-Conference Afternoon Workshop D –**

Thursday, July 24, 2008, 1:00pm – 4:00pm:

How To Comply With And Satisfy The Requirements For HSPD-12 & FIPS 201

WHO WILL ATTEND:

This conference has been researched with and was designed for **FEDERAL, STATE & LOCAL GOVERNMENT** executives interested in improving and enhancing their security initiatives from the following activity areas:

- Security and Safety
- Law Enforcement
- Aviation
- Homeland Security
- Healthcare
- Border Control
- Physical Access Control
- Computer Security
- Telecommunications
- Education
- Transportation
- Physical Security

The greatest value will be realized by CEO's, CSO's, CFO's, CIO's, Presidents, Vice Presidents, Directors, Supervisors, Managers, Product Managers, Program Managers, Specialists and System Integrators responsible for:

Identity Management, ID Cards, Information Technology, Security Administration, Operations, Personnel Management, Data Processing, MIS, Credit Card/Debit Card, Access Control, Safety, Loss Prevention, Financial Management, Plant Operations, Information Security, Network Communications Security, Physical Security & all other End Users, Consultants, Designers & Developers of Biometric Security & Identification Technologies and all those who are interested in the latest Biometric developments & how it can benefit their organizations.

Don't miss out on this excellent networking opportunity!

PAST GOVERNMENT ATTENDEES Include Representatives From:

<ul style="list-style-type: none">• Air Force Institute for IT Applications• California Department of Motor Vehicles• Canadian Air Transport Security Authority• Canadian Imperial Bank of Commerce• Canadian Passport Office• Central Intelligence Agency• Citizenship & Immigration Canada• City & County of San Francisco, California• County of Fairfax, Virginia• Court Services & Offender Supervision Agency• Defense Manpower Data Center• Federal Bureau of Investigation• Federal Reserve Board• Financial Management Service, U.S. Department of Treasury• Fort Lauderdale, Florida, Police Department• Government of Canada• Institute for Defense Analysis• Library of Congress• Maricopa County, Arizona• Michigan Biometrics	<ul style="list-style-type: none">• Michigan State Police• MITRE• Northrop Grumman• Pinellas County, Florida, Sheriff's Office• Port Authority of New York & New Jersey• Royal Canadian Mounted Police• Sandia National Laboratories• State of Minnesota• Texas Department of Human Services• Transportation Security Administration• U.S. Army• U.S. Coast Guard• U.S. Department of Defense• U.S. Department of Energy• U.S. Department of State• U.S. Environmental Protection Agency• U.S. General Services Administration• U.S. Social Security Administration• UK Police Information Technology Organization• Virginia Department of Motor Vehicles
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BENEFITS OF ATTENDING THIS CRITICAL CONFERENCE:

- **22 innovative speakers** at your disposal to share their strategies and experiences in implementing biometrics, which are already proven to work

- **Over 20 hours of intense, interactive learning** - we guarantee you will recoup your money spent by implementing just a few of the strategies shared during the conference
- **Optional networking lunches** to give you the opportunity to brainstorm and benchmark with your fellow attendees
- **Instructional sessions** to help you build the business case for biometrics in your own organization
- **Unique and interactive workshop sessions** that will enable you to practice and apply your skills in peer groups - you will walk away with experience in implementing new initiatives
- An abundance of **networking opportunities**
- An **exciting venue** in Washington, DC, close to attractions, shopping, restaurants and nightlife
- **A complimentary packet of research materials** that will serve as a helpful resource long after you have attended this conference
- **A formal Certificate of Completion**, which documents your training achievement and commitment to continuing professional development

A LETTER FROM THE CONFERENCE CHAIRPERSON, SAMIR NANAVATI...



Dear Government Executive:

With recent public sector biometric procurement activities in the billions of dollars, the need for interagency communication, private sector technology development, and cooperative deployment efforts has never been more pressing than it is now. Helping to secure the nation's infrastructure, databases, and borders, biometrics have become a vital part of public sector life, contributing security and convenience to federal and state agencies across the country.

In IBG's twelve years of providing biometric policy development, system integration, testing, and equipment design services for the public and private sector, we have seen and contributed to major expansions that now infiltrate border management, transportation security, and law enforcement. With large-scale government implementations taking place around the world, and considerable advancements across the industry, it is crucial to understand the various technologies available, where and how they are being implemented, and what one can expect for the future of the biometrics market.

The Advanced Learning Institute's (A.L.I.) "Biometrics for Government" Conference will address the unique biometric needs and challenges faced by government officials across multiple agencies and include federal procurement opportunities and requirements – all while providing R&D roadmaps to the private sector organizations supporting these agencies. This conference is designed to give you the chance to examine government applications of biometrics and to introduce you to many of the key players in the biometrics industry.

A.L.I.'s conference on July 21-24, 2008 is packed with best practice case studies from agencies that have already overcome operational challenges and identified key solutions for implementing biometrics. In addition, this conference will provide you with a clear understanding of key biometric objectives and let you see how these objectives can be met.

Attend to hear, firsthand, how the:

- **U.S. General Services Administration** utilizes biometrics to comply with and satisfy the requirements for HSPD-12 & FIPS 201
- **Illinois Office of the Secretary of State** implements identity verification solutions to reduce identity theft and fraud
- **U.S. Department of Commerce** recognizes the role of biometric standards in achieving systems interoperability

This speaker platform will provide you with the insight you need to tackle even the toughest technical and policy issues--and move forward. Learn from forward-thinking organizations how you can build a reliable foundation for implementing biometric technologies in your own organization.

This event is the ideal forum for you to share your experiences and challenges with others, and more importantly, to take home a series of proven methods, processes and approaches for achieving desired results from your biometric initiatives. Benchmark your own biometric projects with the platform of experienced professionals and experts. **The Biometrics for Government Conference** offers real-world expertise and numerous networking opportunities in a productive learning environment, thus benefiting anyone interested in understanding biometric initiatives and meeting potential partners. Register yourself and a group of colleagues today by calling, toll-free, 888-362-7400 or [register online at www.aliconferences.com](http://www.aliconferences.com).

I look forward to meeting you this July!

Best Regards,



Samir Nanavati, Partner
International Biometric Group (IBG)
Conference Chairperson

P.S. Get up to speed on biometric technology and how to implement the right system in your organization by attending the Biometrics Tutorial Pre-Conference Morning Workshop, **"Biometrics 101: Understanding Biometric Technology And Its Implementation."**

RAVE REVIEWS FROM PAST BIOMETRICS CONFERENCE ATTENDEES:

"Overall, an excellent selection of speakers."

S. McCallum, System Analyst
PINELLAS COUNTY SHERIFF'S OFFICE

"The conference provided information on biometrics that will now enable me and my colleagues to make an informed decision on the use of biometrics."

G. Williams, Program Manager
U.S. DEPARTMENT OF HOMELAND SECURITY

"ALL of the presentations were really informative."

D. Maurer
JOHNS HOPKINS APPLIED PHYSICS LABORATORY

"A.L.I.'s Biometrics Summit is a serious, competent, and comprehensive immersion into this critical technology. As good as it gets."

L. Cardillo, Director

NORTHWEST FEDERAL CREDIT UNION

"Great info, good crowd, networking!"

J. Sinclair, Systems Architect

CANADIAN BANK NOTE

"I plan on attending again!"

J. Maxwell, CIO

AMERICAN ASSOCIATION OF MOTOR VEHICLE ADMINISTRATORS

"A remarkable collection of presenters all very well prepared."

J. Eaton, Professor

UNIVERSITY OF PITTSBURGH

"I really appreciate hearing about real world projects from both the user/customer and integrator/vendor perspectives."

C. Tilton, VP, Standards & Emerging Technology

DAON

"Very interesting topics presented – will definitely consider attending again! Nice mix of backgrounds/industries. The speakers were good at addressing all of them."

K. Davis, IT Specialist

U.S. DEPARTMENT OF COMMERCE

"The quality of speakers was impressive."

E. Sayers

BATTELLE

"I really enjoyed the conference and learned a ton to use back in our business."

C. Crockett, Systems Engineer

SAIC

"The conference was very organized and informative."

M. Beyer, Technical Staff

ELECTRONIC WARFARE ASSOCIATES, INC.

"Overall, the speakers were very good and the information was useful."

A. Andrews, Senior Systems Engineer

BOEING WICHITA, INTEGRATED DEFENSE SYSTEMS

PRE-CONFERENCE WORKSHOPS: Monday, July 21, 2008

Take biometrics from complexity to clarity through these interactive workshops guaranteed to jumpstart your conference experience. These information-packed sessions are a great opportunity to network with fellow attendees while taking a hands-on, common-sense approach to mastering biometrics that will enhance your understanding of the informative, case study presentations throughout the entire conference.

Choose A or B or BOTH for maximum value and learning

9:00 a.m. to 12:00 p.m.

MORNING PRE-CONFERENCE WORKSHOP A

Registration and continental breakfast will begin at 8:30 a.m. for the morning workshop attendees.

Biometrics 101: Understanding Biometric Technology And Its Implementation

Gain real-world knowledge of biometrics from one of the industry's leaders in consulting and integration, International Biometric Group (IBG). This pre-conference workshop is a comprehensive tutorial that will give you the fundamentals necessary to understand the real issues involved in deploying biometrics. You will also have the opportunity to network with fellow attendees and obtain an insider perspective on the biometric industry.

Specifically, this interactive workshop will cover:

- Current state of the art and new developments
- Major biometric technologies
- Multimodal biometrics - including the fusion of:
 - Fingerprint
 - Iris recognition
 - Face recognition
- Major horizontal biometric applications
- Large-scale integration and project methodology
- Case studies of major deployments
- Testing and certification of systems
- Biometrics spoofing
- Biometric standards
- Privacy and biometrics

This workshop will be informal and interactive. It is a great opportunity to gain expert inside information on the world of biometrics and to gain a real grasp on the issues involved in deployment.

WORKSHOP LEADER: Debbie Waung is a Senior Consultant at International Biometric Group (IBG) and a Senior Analyst of the Sensors, Surveillance, and Biometric Technologies Center of Excellence.

Ms. Waung provides strategic consulting services, including business model development, feasibility studies, and competitive analysis, to public and private sector organizations. Her primary activities include strategy consulting and research into applications and markets. Ms. Waung focuses on Federal government applications of biometrics, including homeland security and law enforcement initiatives. Ms. Waung holds a Bachelor of Arts degree from Wellesley College.

Testimonials From Past International Biometric Group (IBG) Workshop Sessions:

“Good primer for biometrics.”

“Good presentation. It contained good information that brought me up-to-date on current trends.”

“This pre-conference workshop has been very helpful.”

12:00 p.m. to 1:30 p.m.

Lunch on your own.

1:30 p.m. to 4:30 p.m.

AFTERNOON PRE-CONFERENCE WORKSHOP B

Making The Business Case For Biometric Identity Management In Your Organization

During this interactive workshop, we will examine the importance of governance, policy, process and practice in establishing an iron-clad business case for biometrics and how they have matured in cross-sector identity management solutions.

Through examples of lessons learned, you will take away from this session the framework for assembling a logical and flexible business case for your identity management program. Specifically, you will gain an understanding for:

- Who the principal benefactors of sound identity management systems are and how to help them assemble a business plan
- Where profitable identity management solutions are currently being used in standards based systems and where investment can be found
- Why defining the requirement from existing and new policy is imperative
- What elements of policy and supporting technology are necessary for the convergence of multiple applications using a single vetted identity
- When the business case for biometric identity management has moved from mandate to necessity
- How collaboration among diverse users is a requirement for solutions using smart cards with biometrics

WORKSHOP LEADER: Warren Blosjo is Principal at 3FACTOR, a Virginia-based consultancy focusing on policy, process and practice in identity management. Warren has 20 years experience assisting technology and solution providers across the identity management marketplace.

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AGENDA - DAY 1: Tuesday, July 22, 2008

8:00 a.m.

Registration, Continental Breakfast & Exhibits

8:30 a.m.



CHAIRPERSON'S WELCOME

Chairperson's Welcome & Opening Remarks

Samir Nanavati, Partner

INTERNATIONAL BIOMETRIC GROUP (IBG)

Conference Chairperson

8:45 a.m.



Government-Wide Coordination, Prioritization And Policymaking For Biometrics And Identity Management

The National Science and Technology Council (NSTC) is the principal means to coordinate science and technology policy across the Executive Branch of the United States Government. The NSTC Subcommittee on Biometrics and Identity Management has been coordinating government biometrics activities since 2002, resulting in new operational capabilities and ambitious plans for the future.

This keynote presentation will provide you with an overview of these activities, as well as an overview from recent Identity Management Task Force initiatives, and will provide you with a top-level understanding of government activities, thus enabling you to better understand the context of presentations to follow.

Duane Blackburn, Policy Analyst, Office of Science & Technology Policy

THE EXECUTIVE OFFICE OF THE PRESIDENT

9:35 a.m.



Speed Networking

You'll have a chance to meet and greet fellow attendees in this fun and fast-paced forum.

10:00 a.m.



Morning Networking Break & Exhibits

10:25 a.m.



Using Standards To Facilitate Interoperability And Enhance The Effectiveness Of Biometric Products And Processes

The National Science & Technology Council (NSTC) Subcommittee on Biometrics and Identity Management coordinates biometrics activities that are of interagency importance. The Subcommittee has developed the NSTC Policy for Enabling the Development, Adoption and Use of Biometric Standards, which establishes a framework to reach interagency consensus on biometric standards adoption for the Federal government.

In support of this Policy, a first edition of the Registry of USG Recommended Biometric Standards has been developed. This Registry is based upon interagency consensus on biometric standards required to enable the interoperability of various Federal biometric applications, and is intended to guide Federal agencies as they develop and implement related biometric programs.

No matter what level of government you're from, this session will share insights on using biometric standards to facilitate biometric system interoperability and to enhance the effectiveness of biometric products and processes that you can be apply to your own projects, including:

- An overview of biometric standardization for: the collection, storage, and exchange of biometric data; ensuring interoperability of biometric systems; and assessing performance of biometric technologies and systems
- The recommended biometric standards for USG-wide government use
- The state of conformity assessment programs to support the USG's standards-based strategy

You will walk away from this session with an understanding of what's going on in the area of biometric standards development, USG standards adoption and testing and how this could and should impact your plans for implementing or deploying a biometric-based system.

Mike Hogan, Standards Liaison, Information Technology Laboratory
**NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY,
 U.S. DEPARTMENT OF COMMERCE**

11:15 a.m.



Government-Wide Implementation Of Fingerprint Biometrics For HSPD-12: Technical Requirements, Testing Approaches, Deployment And Interoperability Issues

Homeland Security Presidential Directive 12 (HSPD-12) required the issuance of standard secure identification credentials to Federal employees and contractors for physical access to federal facilities and logical access to systems and networks. Federal Information Processing Standard (FIPS) 201 established the Personal Identity Verification (PIV) standard for the Federal Government under HSPD-12. FIPS 201 requires the recording and use of standard biometrics for the government-wide implementation of HSPD-12.

Through this case study of a large-scale government biometrics project, you will learn strategies, approaches and key lessons to consider for your own biometrics projects, including technical requirements, testing approaches, deployment considerations and interoperability issues.

Specifically, this session will provide the status of implementation of HSPD-12 and the PIV biometric standard and the next steps, including:

- How biometrics are utilized for the identity screening process
- How biometrics are utilized to link with a smart card and PKI to bind that identity to the credential that is issued to each sponsored individual as their electronic persona
- FIPS 201 requirements for fingerprint templates and digital facial image
- The Federal Government's product testing and approval programs for biometric scanners, template generation and matching equipment, and biometric readers
- The status of approved biometric devices on the GSA FIPS 201
- Approved Product List
- Status of national deployment
- Use cases for PIV biometrics
- Interoperability and next steps for PIV biometrics

Michael Butler, Program Manager, Managed Services Office
U.S. GENERAL SERVICES ADMINISTRATION

Anthony M. Cieri, President
CIERI CONSULTING GROUP INC.

12:05 p.m.

Lunch On Your Own -- But Not Alone!

Join a small group of your colleagues for lunch with an informal discussion facilitated by one of our expert speakers. Take this opportunity to join others in an interactive group setting to network and brainstorm solutions to your most pressing biometrics concerns.

1:35 p.m.



How To Use And Integrate Face Recognition Technology In A High-Volume Driver's License/Identification Card Issuance Environment: Lessons Learned, Challenges Ahead

As identity theft and terrorism threats have dominated headlines in recent years, the role of state-issued driver's license and identification cards has moved to the forefront of many discussions. Many state motor vehicle departments have added biometrics as one of the tools to increase card security and identity verification.

The Illinois Office of the Secretary of State was the first state motor vehicle department in the U.S. to use one-to-many face recognition technology in a high-volume card issuance environment. This case study will examine:

- How this biometric project has been deployed
- Its evolution and performance over several years
- Operational costs and benefits

In this session, you will also hear about the business case for biometrics, privacy and public acceptance, and integration with business processes and other identity verification/fraud detection methods.

Beth Langen, Administrator of Policy and Programs, Driver Services Department

ILLINOIS OFFICE OF THE SECRETARY OF STATE

2:25 p.m.



Pre-Deployment Considerations For A Successful Biometrics Implementation Project

The need to fully understand pre-deployment considerations is a critical prerequisite for a successful biometric implementation. During this session, you will learn the key steps and issues you need to examine before implementing your own biometrics projects, including:

- **Requirements Definition** – operational requirements surveys, application impact studies, statements of work, source selection, etc.
- **Planning Considerations** – program management, evaluation of alternative solutions, management of the permissions database, etc.
- **Life-cycle cost analysis** – initial hardware/software costs, enrollment costs, maintenance, problem recovery, etc.
- **Social Issues and Concerns** – including privacy

Also, you will hear about a new concept for anonymous biometric authentication. This approach is being developed to protect an individual's private information and maintain the anonymity of the authentication

system. To implement large-scale identity management systems, large centralized databases are often required...a requirement that always raises concerns about compromising privacy, since personal data and biometric data generally reside in the same database. In recent months, the Office of Management & Budget, U.S. Department of Defense, and the U.S. Government Accountability Office have all raised concerns about the exposure of personal identification information (PII), in the identity verification process. Anonymous biometric authentication is an approach being developed to address these concerns by protecting an individual's private information during the authentication process.

You will leave this session with an outline of what needs to be done to ensure successful implementation of biometrics.

Russ Ryan, Vice President, Information & Communications
NATIONAL BIOMETRIC SECURITY PROJECT

3:15 p.m.



Afternoon Networking Break & Exhibits

3:30 p.m.



The Importance Of Privacy In Biometric Applications

The fields of privacy and biometrics each have a rich and interesting history. Both are dynamic and the current state of each is constantly changing and accelerating. Much has been written and covered on this topic, and new stories appear everyday.

In this session, Chief Privacy Officer Hugo Teufel will discuss protecting privacy in a biometrics environment. By publishing Privacy Impact Assessments, the Privacy Office and the U.S. Department of Homeland Security (DHS) value transparency when it comes to the mission of the Department.

Through learning about the experiences at DHS, you will be able to apply their lessons learned to your own organization's efforts.

Hugo Teufel III, Chief Privacy Officer
U.S. DEPARTMENT OF HOMELAND SECURITY

4:20 p.m.



How To Implement A Successful Identity Management System In Your Organization Through A Federated Approach

The U.S. Department of the Navy (DON) is boldly moving forward in developing identity management capabilities across military operations, access controls, as well as business applications. An accurate and robust identity management capability can be implemented only through strong authentication based on biometrics.

To achieve widespread acceptance, identity management capabilities need to be institutionalized across the policy, training & education, and technology factors. In this session, you will hear about the steps the DON is taking to ensure identity management capabilities are broadly embraced.

Successful identity management systems will be implemented with a federated, not centralized, approach. You will also hear about the pitfalls of a centralized approach and the key advantages of a federated approach which you can then apply to your own identity management projects.

Captain John M. Boyd, OASN (RDA), PM - Naval Identity Management Capability

U.S. DEPARTMENT OF THE NAVY

5:10 p.m.



End of Day One & Networking Reception: Please Join Us!

We invite you to join us for a drink as you relax with your peers. All conference attendees, speakers and exhibitors are welcome to join us for this special opportunity to continue networking. Don't miss this chance to benchmark new ideas over complimentary drinks!

6:30 p.m.



Dine Around

Sign up during the day for dinner with a group.

Take advantage of Washington, DC's fine dining while you continue to network with your colleagues.

AGENDA - DAY 2: Wednesday, July 23, 2008

8:00 a.m.

Continental Breakfast & Exhibits

8:30 a.m.



CHAIRPERSON'S ADDRESS

Chairperson's Opening Of Day Two & Presentation: An Update On The Vulnerabilities Of Biometric Systems To Spoofing

During this interesting and informative session, you will hear about International Biometric Group's (IBG) latest project, Spoof 2007. Specifically, you will learn about a plan to address an often overlooked vulnerability of biometrics, spoofing.

Particular highlights will include:

- Why spoof analysis in addition to traditional performance testing is necessary
- Review of some common spoofs
- Spoofing from the deployment and development perspective

- The importance of spoof testing for government
- What the future holds for spoofing and countermeasures testing

Samir Nanavati, Partner

INTERNATIONAL BIOMETRIC GROUP (IBG)

Conference Chairperson

9:30 a.m.



How To Make The Business Case For Biometrics And Smart Cards

You will leave this informative session with an in-depth understanding of how any organization or agency can benefit from replacing traditional password administration with biometric Match-on-Card authentication. This will be described in detail from large-scale implementation to the return of investment by the U.S. Department of State, including practical critical success factors and the objectives with the introduction of smart cards and biometrics.

In addition, you will get an overview and understanding of how U.S. Department of State and other card programs achieve interoperability through existing frameworks, interfaces and standards when using biometrics and Match-on-Card. This is being utilized today in several large card deployments such as National ID Card programs worldwide, where references and examples will be made.

Steven Gregory, Chief of Information Integrity Branch, IRM Bureau

U.S. DEPARTMENT OF STATE

Michael Harris, Director Sales North America

PRECISE BIOMETRICS INC.

10:20 a.m.



Morning Networking Break & Exhibits

10:50 a.m.

Information Fusion In Biometrics: Discover The Latest Technology Advancements

In this informative session, you will hear about information fusion and how it refers to the reconciliation of evidence presented by multiple sources of information in order to generate a decision. In the context of biometrics, evidence reconciliation plays a pivotal role in enhancing the recognition accuracy of human authentication systems, and is referred to as multibiometrics.

Multibiometric systems combine the information presented by multiple biometric sensors, algorithms, samples, units, or traits. Aside from enhancing matching performance, these systems are expected to improve population coverage, deter spoofing and impart fault-tolerance to biometric applications.

In this session, you will:

- Learn about the various sources of biometric information
- Gain insight on the levels of fusion that are possible in a biometric system

- Design techniques to perform adaptive fusion at the match score level

Dr. Arun Ross, Assistant Professor

**LANE DEPARTMENT OF COMPUTER SCIENCE & ELECTRICAL ENGINEERING,
WEST VIRGINIA UNIVERSITY**

11:40 a.m.



Understanding And Preparing For The Future Of National-Scale Multimodal Biometric Systems -- Including Growing Data Sizes And User Expectations

The FBI's Criminal Justice Information Services (CJIS) Division provides biometric identification services to over 18,000 local, state and Federal agencies on a daily basis. CJIS is currently developing the Next Generation Identification (NGI) to enhance services and transition to a multibiometric system. This session will look at strategies to maintain biometric quality for fingerprints, facial and iris to insure identification accuracy in an operational environment.

Particular highlights will include:

- Identifying key factors that determine identification accuracy in a large scale biometric system
- Using biometric quality metrics to manage system performance
- Development of certified product lists to improve biometric quality
- Challenges specific to multi-modal identification

Tom Hopper, Senior Advisor, Criminal Justice Information Services

FEDERAL BUREAU OF INVESTIGATION

12:30 p.m.

Lunch On Your Own -- But Not Alone!

Join a small group of your colleagues for lunch with an informal discussion facilitated by one of our expert speakers. Take this opportunity to join others in a small, interactive group setting to network and brainstorm solutions to your most pressing biometric concerns.

2:00 p.m.



Group Exercise: Brainstorm Solutions And New Ideas You Can Use

You asked for it, you got it. Interact and discuss solutions to your biometrics challenges with your fellow attendees and our experienced speakers. You will leave with new tools and hands-on experience and ideas for more successfully applying best practices to your own initiatives. Get your questions answered in this lively interactive forum.

2:30 p.m.



The Transportation Worker Identification Credential (TWIC) Program: An Update On One Of The Largest Government-Sponsored Biometric Identity Programs

Mandated by the Maritime Transportation Security Act, the TWIC program is an ambitious government project to provision interoperable and standards-based biometric smart card credentials to up to 1 million maritime workers who require unescorted access to secure areas of the U.S. maritime infrastructure - including port facilities and vessels. The TWIC program is jointly managed by the Transportation Security Administration and the U.S. Coast Guard.

In this informative session, you will get a comprehensive update on the current status of TWIC credential issuance and plans for TWIC reader deployment, including learning about:

- The technologies and standards behind the TWIC program and the key role of biometrics
- The steps facility and vessel operators will need to take to upgrade their access control systems to use the TWIC credential for automated access control

Anyone considering or working on a biometrics project will get a better understanding of the key issues involved from the lessons learned to date during this large-scale biometric implementation.

John Schwartz, Assistant Director – TWIC Program
TRANSPORTATION SECURITY ADMINISTRATION

Walter Hamilton, Senior Consultant
IDENTIFICATION TECHNOLOGY PARTNERS, INC.
and Chairman, INTERNATIONAL BIOMETRIC INDUSTRY ASSOCIATION

3:20 p.m.



Afternoon Networking Break & Exhibits

3:40 p.m.



The Implementation Of Mobile, Multimodal Biometric Enrollment And Usage In Harsh Environments

In this session, you will hear about the development and implementation of hasty enrollment or verification using handheld multi-modal devices for the U.S. Department of Defense.

A perspective from both the end user (U.S. Army) and the Contractor (L-1) on the problems and solutions of rapidly processing individuals in a harsh environment will be shared. Specifics including the round-up of individuals, taking biometrics, on-board processing, remote processing via wireless networks with identity management (time, date, place-GPS) tools, will also be discussed.

Jerry D. Jackson Jr., EIT, Principal Senior Systems Analyst (HIIDE Program Technical Lead),
Deputy Chief of Staff, G2 (DAMI-IM)
U.S. ARMY

Jeffrey Hathaway, Rear Admiral, U.S. Coast Guard (ret.)
Vice President, Federal Systems
L-1 IDENTITY SOLUTIONS, INC.

4:30 p.m.

**Chairperson's Recap:
Key Takeaways And What To Do When You Get Back To The Office**

We'll recap the highlights of the past two days and ask you to share key insights and next steps with the group.

4:45 p.m.

Close Of General Sessions

**** Save Your Agency's Budget \$400! Register by June 5th! ****
To Register, Call (888) 362-7400 -or- (773) 695-9400

POST-CONFERENCE WORKSHOPS: Thursday, July 24, 2008

INTERACTIVE POST-CONFERENCE WORKSHOPS

These workshops are designed to take your conference experience to the next level. Workshops allow you to take the information you gained from the general sessions, and identify and focus on your individual needs and applications. Make the most out of this conference by attending these highly interactive, hands-on sessions. Space is limited to ensure interactivity!

Choose B or C or BOTH for maximum value and learning

8:30 a.m. to 11:30 a.m.

MORNING POST-CONFERENCE WORKSHOP C

Continental breakfast will be provided at 8:00 a.m. for the morning workshop attendees.

Implementing Biometrics: A Step-By-Step Process To Ensure Project Success

During this workshop, you will learn best practices for biometric system implementation to help you avoid common pitfalls and ensure success. You will leave with a step-by-step check list that can be tailored to your own biometric project.

Specifically, through examples of good and bad implementations, you will learn a process for:

- Understanding and defining key requirements – such as business, technology and regulatory requirements
- Matching the right technology to the application
- Determining unique biometric considerations and risks
- Addressing system integration considerations
- Ensuring best practices for enrollment, interoperability, data privacy and security
- Considering human factors and the physical environment

WORKSHOP LEADER: Walter Hamilton is Chairman at the International Biometric Industry Association and Sr. Consultant at Identification Technology Partners. Walter has 12 years of experience in the

biometric field resulting in broad insight into what is required for successful biometric system deployment. He also actively participates in several industry organizations that contribute to the advancement of the biometrics and identity management fields.

Testimonials From Past Walter Hamilton Workshop Sessions:

“Great information. I’m glad I attended.”

“Walter is a great speaker. Very useful information. Excellent “food for thought” in biometrics deployment.”

11:30 a.m. to 1:00 p.m.

Lunch on your own.

1:00 p.m. to 4:00 p.m.

AFTERNOON POST-CONFERENCE WORKSHOP D

How To Comply With And Satisfy The Requirements For HSPD-12 & FIPS 201

FIPS-201 describes a detailed process of how agencies must comply with HSPD-12 and the specification of the resulting PIV credential. There are a wide variety of products on the market to assist with this effort, and a variety of approaches that agencies have taken.

During this workshop, Daon experts will take a look at the current landscape, lessons learned with real world examples and customer case studies, the choices that agencies still have, and how best to protect against the uncertainty of policies that are still in flux.

Specifically, this workshop will address the following questions:

- What is the range of options for complying with HSPD-12?
- What are some of the pitfalls that have been experienced so far?
- What flexibility is there to customize a FIPS-201 approach for a particular agency's needs?
- What are the major cost drivers for a solution?
- Considering a managed service offering?
- How to use the resulting PIV credential?
- What are the impacts of FIPS-201 beyond HSPD-12?

WORKSHOP LEADERS: Elizabeth Thomas, Applications Architect; Mimy Indra, Senior Sales Engineer and Bob Greene, Product Support Engineer, all work for Daon, a leading provider of identity assurance software products focused on meeting the needs of governments and commercial organizations worldwide.

ABOUT OUR CONFERENCE SUPPORTERS:



Biometric Digest is the leading technology newsletter dedicated solely to biometric identification technology. To subscribe to this monthly newsletter, with weekly e-mail updates, please send an email request to twright@cunews.com. For more information, go to <http://www.biodigest.com>.



Founded in 1998 as a non-profit trade association in Washington, DC, the **International Biometric Industry Association (IBIA)** represents the manufacturers, developers, and solution providers of biometric technologies used in electronic human identity authentication – face, fingerprint, hand, iris, vascular, speech, as well as skin/dermis. IBIA impartially represents all biometric technologies in all applications. IBIA advances the use of biometrics as the most effective and reliable means of ascertaining personal identity for the government, the commercial/private sector, and the consumer. The industry's leading voice on key policy issues in North America

affecting biometrics, IBIA fulfills its mission through education and advocacy. For more information, please go to www.ibia.org.



BioAPI™

The BioAPI Consortium is a group of over 120 organizations that have a common interest in promoting the growth of the biometrics market through standardization. The Consortium has developed a specification for a standardized Application Programming Interface (API) that is compatible with a wide range of biometric applications programs and a broad spectrum of biometrics technologies. The BioAPI Specification was approved as an ANSI standard in 2002 and an ISO standard in 2006. The organization now focuses on promoting its adoption and disseminating information and resources. For more information, go to www.bioapi.org.

findBIOMETRICS

FindBIOMETRICS.com (www.findbiometrics.com) is a truly unique resource, which can guide novice and expert professionals through every aspect of finding a suitable biometric solution for their enterprise. By providing highly targeted company showcases, product reviews, industry profiles and breaking news, findBIOMETRICS.com provides the connection between buyers and sellers. Our very-targeted user base is comprised of security industry professionals and biometrics solution providers who are involved in the development, implementation or management of biometric security systems and/or who are responsible for the purchase decisions at their companies. These users include, "C" level executives, Government personnel, IT/MIS Managers, Implementation personnel, System Integrators, Physical Security Managers, Property/Facility Managers, Data/Networking Security Managers and Biometric Solution Developers.



The Biometrics Institute is an independent not-for-profit organization, formed in July 2001. Their primary members are government and business users of biometric services and products, with other membership categories for vendors. Their members are from Australia, New Zealand and beyond. The mission of the Biometrics Institute is to be a forum for biometric users and other interested parties and to facilitate the wider use of biometrics. For more information, contact

manager@biometricsinstitute.org or visit their website at www.biometricsinstitute.org.



Northstar has been providing recruiting services for technology companies since 1990 and has focused on Identity Management, Biometrics and Integrated Security since 2000. The company's goal is to assist clients in attracting quality candidates with outstanding records and, by blending proven recruiting methods and adhering to the highest levels of ethical

professionalism, Northstar strives to function not just as a vendor, but also as an industry resource for clients. For more information: www.northstarcorp.com.



The Biometrics Market Intelligence eUpdate is your market intelligence lens on the world of biometrically enabled identification solutions. The eUpdate, published by Acuity Market Intelligence, offers provocative, candid insight that cuts through market hype to

expose bottom line issues that drive this rapidly emerging marketplace. Be prepared for key findings from in-depth market research reports, analysis of the latest news and announcements, and Acuity's unique perspective and commentary on the events that impact and shape our industry. For more information go to: <http://www.biometricsmi.com/>.



The RFIDba is a vendor neutral trade association which serves the education and business interests of RFID end-users around the world. Through partnerships with academia and industry, we produce university-level education programs tailored to specific vertical markets. We also foster programs to educate government officials on RFID, sensor and wireless technologies for the formation of public policies on privacy, security, workforce training, certification and international trade. www.rfidba.org.

VENUE AND LODGING:

ALL CONFERENCE SESSIONS WILL BE HELD AT:

The Melrose Hotel
2430 Pennsylvania Avenue, NW
Washington, DC 20037
1-800-MELROSE or 202-955-6400
<http://melrosehoteldc.com>

Please contact the hotel directly when making your reservation. To make reservations, please call 1-800-MELROSE or 202-955-6400 between the hours of 8:00AM - 6:00PM (EST), Monday through Friday. You may also make reservations [online](#). **For the conference, a limited number of rooms have been set aside at the government per diem rate of \$154/night. Please be sure to call the hotel no later than Sunday, June 29, 2008, to help ensure this rate and mention that you are attending the Advanced Learning Institute's Biometrics for Government conference, Group Code: ADV02. We recommend that reservations be made early, as the number of rooms at our rate is limited.**

In the heart of one of DC's most notable neighborhoods is its newest luxury, upscale hotel, The Melrose Hotel, Washington, D.C. Just one block from Georgetown and the Foggy Bottom Metro station, The Melrose Hotel Washington, D.C. offers discerning business travelers and leisure visitors to the District a luxurious oasis in the heart of one of the world's fastest-paced cities. It is only 10 minutes from Reagan National Airport (DCA), 30 minutes from Washington Dulles International Airport (IAD), and 45 minutes from Baltimore Washington International Airport (BWI).



Join us in the nation's capitol for A.L.I.'s 18th Conference on "Biometrics for Government -- How To Deploy And Coordinate Identity Technologies To Maximize Results And Achieve Objectives" and enjoy this wonderful city from its restaurants, shopping and attractions to its nightlife.

For more information on your visit to Washington, DC, go to www.washington.org.

REGISTRATION FEES:

The following are included in your conference registration: attendance, continental breakfasts, refreshments, evening networking reception, a detailed conference workbook and any additional meeting materials.

Group Discount: Register 3 colleagues and the 4th is FREE!	Earlybird Pricing: Register with payment by June 5th	Regular Pricing: Register with payment after June 5th
Conference Only (July 22 nd & 23 rd)	\$1,299	\$1,699
Conference Plus One Workshop	\$1,699	\$2,099
Conference Plus Two Workshops	\$1,999	\$2,399
Conference Plus Three Workshops	\$2,199	\$2,599
Conference Plus ALL Four Workshops	\$2,299 BEST VALUE	\$2,699
Conference Workbook Only	\$199.00* + \$20.00 S&H	
*IL residents will be charged 8.75% sales tax on workbook orders.		

Payment is due two weeks prior to the conference.

If payment has not been received two weeks before the conference, a credit-card hold, training form or purchase order will be taken to ensure your space.

SPONSORSHIP & EXHIBIT OPPORTUNITIES ARE AVAILABLE:

This conference provides an excellent opportunity to market your products and services to a targeted government and security executive audience interested in biometrics. Space is limited, so please call Melissa at (773) 695-9400 x14, for more information.

TEAM DISCOUNTS:

Register 3 & the 4th is FREE! Four or more attendees, registering together, enjoy a savings of at least \$1,299! That's a 25% savings off each registration. Note to small departments — register together with your colleagues from another organization and receive the same group discount. The free registrant must be of equal or lesser value.

A.L.I. FREQUENT ATTENDEE DISCOUNT:

Earn conference attendance bonuses as you benchmark with other organizations. For every A.L.I. conference attended, receive a \$200 discount off your next A.L.I. conference. Also, you will receive special bonuses and perks reserved only for A.L.I. frequent attendees.

PROGRAM CHANGES:

A.L.I. reserves the right to make changes in programs and speakers, or to cancel programs if enrollment criteria are not met or when conditions beyond its control prevail. Every effort will be made to contact each enrollee if a program is canceled. If a program is not held for any reason, A.L.I.'s liability is limited to the refund of the program fee only.

CANCELLATION POLICY:

You may make substitutions at any time; please notify us as soon as possible. If you cancel (in writing) more than two weeks prior to the conference (before July 7th), a \$150 service fee will be charged and a credit memo

will be sent reflective of that amount, which can be used for a future A.L.I. conference. Registered delegates who do not attend or who cancel two weeks prior to the conference or less (on or after July 7th) are liable for the entire fee. A credit memo will be issued which can be used for a future A.L.I. conference by anyone in your organization.

ABOUT THE ADVANCED LEARNING INSTITUTE:

The Advanced Learning Institute's mission is to help executives build strong personal relationships, expand their business knowledge of cutting-edge trends, and find proven solutions to a wide range of strategic management problems.

Our forums bring together industry leaders and experts to share valuable, real-world experiences, and best practices on how to meet tomorrow's management challenges.

The Advanced Learning Institute's focus is on delivering high-quality programs, which consistently meet the needs of our customers. Our conferences serve a broad range of specialized industries and functions, including:

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The Advanced Learning Institute has been successfully providing senior executives with forums to share practical experiences and solutions to a variety of organizational challenges. We are so confident you'll benefit from the innovative strategies shared during this conference that we'll guarantee it! If you follow the advice of our speakers, and you don't improve efficiency valued at the cost of your registration fee, then we'll send you a full credit to be used for another event.

Thousands of satisfied alumni can't be wrong - register today for the opportunity to learn from our platform of proven experts!

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Registration Form

Please photocopy for group members.

Yes, I'd like to register for the July 2008 Biometrics for Government Conference in D.C.

Please check:

E-mail Priority Code: _____ Amount Due: _____

- Conference Only
- Conference Plus Workshop(s):
 - Pre-Conference Workshop A: Biometrics 101: Understanding Biometric Technology And Its Implementation
 - Pre-Conference Workshop B: Making The Business Case For Biometric Identity Management In Your Organization
 - Post-Conference Workshop C: Implementing Biometrics: A Step-By-Step Process To Ensure Project Success
 - Post-Conference Workshop D: How To Comply With And Satisfy The Requirements For HSPD-12 & FIPS 201
- I would like to order a conference workbook only
- Please add me to your mailing list to receive future conference notifications

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