

*Don't Miss The 16th International Forum From The Advanced Learning Institute
In Association With INTERNATIONAL BIOMETRIC GROUP & BIOMETRIC DIGEST...*



Rave Review from a Past Conference Attendee

"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

***** Register by September 13th to Save \$400! *****

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KEY TAKE AWAYS

Attend the 16th updated international forum for advanced identification solutions including...Finger Print Technology, Facial Recognition Systems, Signature Verification, Iris and Retina Scan, Smart Cards, Hand Geometry, Voice Verification and Vein Recognition Systems.

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**
- Explore the latest applications of biometrics in various industries such as **government, financial, border control, law enforcement, healthcare, & driver's licenses**
- Incorporate biometrics into an integrated solution for **identity management**
- Achieve **cost savings and increase efficiency and security** by implementing biometric applications
- Make the **business case for biometrics** and smart cards
- Learn **what consumers think** about biometrics

SPEAKING ORGANIZATIONS

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

Federal Bureau of Investigation

U.S. Department of Defense

William Beaumont Hospital

The City of Las Vegas

Canadian Air Transport Security Authority

American Association of Airport Executives

American Casino & Entertainment Properties, LLC

Technology Credit Union

**Center for Identification Technology Research,
West Virginia University**

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. Government Accountability Office

ID Matrixx, Incorporated

CACI International, Inc.

International Biometric Group

Biometric Digest

International Biometric Industry Association

National Biometric Security Project

Daon

Sage Capital Advisors, LLC

Synovation, Incorporated

Presented by:



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BONUS FOR ATTENDEES:

Free 1 Month Subscription to Biometric Media Weekly (BMW)

All attendees will receive a free 1 month subscription (4 issues) to Biometric Media Weekly (BMW), the leading weekly publication on current biometric news. BMW includes hyperlinks to the source of the news and vendor web sites, PLUS bulletins on major biometric news when it breaks. For an e-mail sample of BMW, [click here to download: http://tinyurl.com/y3kemc](http://tinyurl.com/y3kemc). For a sample of the Biometric Digest Newsletter, click here: <https://www.biodigest.com/biometric.html>

In addition, subscribe to the Biometric Digest and Biometric Media Weekly (64 issues). For a sample copy and order form, click here - (new as follows.) <https://www.biodigest.com/biomeia.html>

Order your subscription today...

IN ASSOCIATION WITH:



WHY YOU SHOULD ATTEND THE FALL 2007 BIOMETRICS SUMMIT

1. Hear from top industry representatives and their lessons learned in planning for and deploying biometrics projects including **American Association of Airport Executives, Federal Bureau of Investigation, American Casino & Entertainment Properties, International Biometric Industry Association**, 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

***** Register by September 13th to Save \$400! *****

Expand Your Learning...

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

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

Monday, October 29, 2007, 9:00am – 12:00pm:

Biometrics 101: A Step By Step Guide To Understanding Biometric Technology And Its Implementation

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

Monday, October 29, 2007, 1:30pm – 4:30pm:

Understanding And Using Biometric Standards

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

Thursday, November 1, 2007, 8:30am – 11:30am:

How To Integrate Large-Scale Multimodal Biometrics

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

Thursday, November 1, 2007, 12:00pm – 3:00pm:

Investing In Biometrics: How To Attract The Right Growth Capital

WHO WILL ATTEND

This conference has been researched with and is designed for executives interested in improving and enhancing their security initiatives from the following industries:

- | | |
|----------------------------------|----------------------------------|
| • Government | • Physical Access Control |
| • Security and Safety | • Computer Security |
| • Law Enforcement | • Telecommunications |
| • Banking and Financial Services | • Retail and Electronic Commerce |
| • Aviation | • Education |
| • Homeland Security | • Transportation |
| • Healthcare | • Physical Security |
| • Border Control | |

The greatest value will be realized by CEO'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 who are interested in the latest Biometric developments & how it can benefit their organizations.

Don't miss out on this excellent networking opportunity!

Recent PAST ATTENDEES Include Representatives From:

Department of Defense • U.S. Air Force • Bearing Point • NRC • Bay Federal Credit Union • General Dynamics • U.S. State Department • Hyundai Information Technology Co. • Motorola • Canadian Bank Note •

General Services Administration • IDA • Allergan • Joint Information Operations Center • Nova Southeastern University • Datastrip • Aliant • Booz Allen Hamilton • Yamatake Corporation • Canadian Passport Office • IBM • Lockheed Martin Information Technology • Novartis • Toshiba Solutions Corporation • Porticus • Kronos • Social Security Administration • Lucent Technologies • California Department of Motor Vehicles

THE COMPETITIVE ADVANTAGE YOU'LL GAIN FROM ATTENDING THIS BI-ANNUAL BIOMETRICS EVENT:

- **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 Las Vegas, 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:



A Letter from Conference Chairperson, Samir Nanavati...

Dear Executive:

In our eleven years of providing biometric policy development, system integration, testing, and equipment design services for the public and private sector, IBG has seen and contributed to major expansions that now infiltrate border management, transportation security, law enforcement, financial services, retail markets, and many other industries. With large-scale government and commercial 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 A.L.I. Fall 2007 Biometrics Summit will examine the key elements of biometrics for end-users, deployers, systems integrators, and developers. The conference will not only provide you and your organization with the most recent advancements in biometrics and identity management technology, but will also give you the basic foundation necessary for understanding and implementing biometric devices and systems. Furthermore, vendors and integrators will get an in-depth look at market trends and will also have the opportunity to network with new clients.

This year's presentations will give you valuable insights from industry experts on various technologies, large-scale systems, government initiatives, commercial deployments, and projections for the future. Furthermore, the presentations will summarize the current state of biometrics, highlighting recent technical breakthroughs and events. They will provide you with expert guidance and a series of practical answers to complex questions.

Attend to hear, first hand, how these organizations are making biometrics work in the real world, including how:

- **William Beaumont Hospital** integrated hand geometry into their access control methodology in a 10 plus year rollout
- **Canadian Air Transport Security Authority** enhanced airport security with the first dual biometric identification card that interfaces with over 18 airport access control systems
- **Technology Credit Union** uses biometric technology in a customer-facing application at their ATMs and teller stations to effectively solve the problem of identity theft

The Fall 2007 Biometrics Summit 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. I look forward to meeting you at the **16th Biometrics Summit in Las Vegas**.

Regards,

Samir Nanavati, Partner
International Biometric Group
Conference Chairperson

P.S. Learn how to dramatically improve the accuracy and reliability of the identification and verification of large scale biometric deployments in your organization by attending the Biometrics Post-Conference Workshop, **"Integration of Multimodal Biometrics."**

RAVE REVIEWS FROM PAST CONFERENCE ATTENDEES

"As a first time attendee, the Biometric Summit was a great way to see the various issues and successes in the biometric industry."

R. Carson, Technical Manager
PEC SOLUTIONS, INC.

"Well organized, great presenters with timely and pertinent information."

N. Blacker, Major
U.S. ARMY

"A great forum to meet experts with experience in a range of biometric technologies and applications. Excellent presentations."

P. Pelletier, President
SEACOM TECHNOLOGIES

"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
DEPARTMENT OF HOMELAND SECURITY

"ALL of the presentations were really informative."

D. Maurer

JOHNS HOPKINS APPLIED PHYSICS LABORATORY

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

C. Crockett, Systems Engineer

SAIC

PRE-CONFERENCE WORKSHOPS: Monday, October 29, 2007

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. - 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:

A Step By Step Guide To Understanding Biometric Technology And Its Implementation

This workshop will kick start your learning and provide an introduction to biometric technology and its implementation considerations. You will gain the basic knowledge you will need when considering which biometric technology is best suited for your solution. This will be a comprehensive tutorial on biometric information that you can use throughout the Summit. Whether you are new to biometrics or need to brush up on the latest information, you will enjoy this fast paced workshop.

In this engaging and enlightening session, you will learn:

- A Brief History of Biometric Technologies
- Why Biometrics?
- An Overview of Biometric Technologies
- Tried and True Biometric Solutions
- Biometric Implementation
- Integration and Compatibility
- Deployment Concerns
- Social and Privacy Issues

These topics and many more will be discussed in this three-hour workshop. This workshop is specifically designed for our Fall 2007 Summit attendees and is one you do not want to miss. Sign up today – space is limited to promote an interactive learning environment!

WORKSHOP LEADER: Colin Keogh, President of Synovation, Incorporated is the author of "21st Century Security, Introduction to Biometrics." He has over 25 years in the computer and security fields and holds several patents for both biometric and security solutions. He has spoken at over 100 conferences on security and biometrics and currently consults with leading firms on biometric solutions and integration.

12:00 p.m. – 1:30 p.m.

Afternoon break/lunch on your own.

1:30 p.m. - 4:30 p.m.

AFTERNOON PRE-CONFERENCE WORKSHOP B

Understanding And Using Biometric Standards

Have you been wondering what's going on in the area of biometric standards development and adoption and how this could and should impact your plans for implementing or deploying a biometric-based system? Since 9/11, development of biometric standards has expanded and accelerated -- at the consortium, national, and international levels. These existing and new standards can have a major influence on vendors, integrators, and end-users, as they are key to interoperability and interchangeability.

This interactive workshop will examine and discuss:

- Data standards, such as CBEFF, ANSI/NIST ITL1-2000/7 and various modality specific data interchange formats
- Interface standards, such as BioAPI, BIAS, EFTS/EBTS, and NIEM
- Security standards, such as X9.84 and ACBio
- Standards for integrating biometrics and smart cards
- Standards body activities and projects

WORKSHOP LEADER: Catherine J. Tilton is the VP for Standards & Emerging Technologies at Daon, a leading provider of identity assurance software products focused on meeting the needs of governments and commercial organizations worldwide.

She is very active in the development of national and international biometric standards, currently serving as the US head of delegation to ISO/IEC JTC1 SC37 subcommittee on biometrics. She also chairs the BioAPI Consortium, is the international representative for INCITS M1 technical committee on biometrics, and chairs the M1 Ad Hoc Group on Biometrics in e-Authentication. She is the technical editor of the BioAPI within ISO/IEC JTC1 SC37 WG2 as well as a new project there called "BioAPI Lite." She currently chairs the BIAS Integration technical committee at OASIS.

Cathy has over 25 years of engineering and management experience, including over 14 years in the biometrics industry. She has lead or been involved in the design, development, and deployment of numerous biometric systems in both the commercial and government domains. These include the US-VISIT program, the Transportation Worker Identification Credential (TWIC), and in a previous life, IAFIS. She is an active participant in the Registered Traveler Interoperability Consortium (RTIC) and contributed to the interoperability specifications for this program. Past work also included several contracts prototyping the use of biometrics with the DoD CAC card.

She has a BS in nuclear engineering from Mississippi State and an MS in systems engineering from Virginia Tech.

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AGENDA - DAY 1: Tuesday, October 30, 2007

7:45 a.m.

Registration, Continental Breakfast & Exhibits

8:15 a.m.



CHAIRPERSON'S WELCOME

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

During this interesting and informative session, you'll hear about International Biometric Group's latest project, Spooof 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
- A look at Spooof 2007, IBG's latest contribution to the field of biometric testing

Samir Nanavati, Partner

INTERNATIONAL BIOMETRIC GROUP

Conference Chairperson

9:15 a.m.



Speed Networking

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

9:45 a.m.



Morning Networking Break & Exhibits

10:15 a.m.



Health Care CASE STUDY

How Hand Geometry Helped Secure William Beaumont Hospital: From Initial Consideration Through 10 Years Of Operations

William Beaumont Hospital began using hand geometry in 1994 as a pilot to determine if it was user friendly and simple in operation. Their findings were very positive and the hospital proceeded to implement additional hand readers to better secure their narcotics. This case study will cover the rationale for initial consideration of the program and initial infrastructure necessary for the operation. Hear the practical lessons learned during the 10 plus year rollout of this biometric system including enrollment issues and results to date. Finally, some simple maintenance tips for ensuring the units remain operational will be addressed.

Additionally, integrating biometrics into an overall access control environment will be discussed, as well as the redundancy in security with Pyxis for narcotic controls. In conclusion, the hospital will demonstrate how hand geometry routinely assists in drug diversion/theft investigations.

You will leave this session with:

- Practical steps for initiating hand geometry into your security operation
- An actual demonstration of the enrollment process
- Ideas on how to integrate hand geometry into your access control methodology

Chris Hengstebeck, Director of Security
WILLIAM BEAUMONT HOSPITAL

11:05 a.m.



How The Federal Bureau of Investigation Has Integrated Multi-Modal Biometrics Within Its Automated Fingerprint Identification System (IAFIS)

This presentation will provide an updated overview of the current FBI Integrated Automated Fingerprint Identification System (IAFIS). Additionally, this presentation will describe large-scale biometric projects and changes to standards that will provide multi-modal biometric services as part of the FBI Next Generation Identification.

B. Scott Swann, Supervisory IT Specialist, Criminal Justice Information Services Division
FEDERAL BUREAU OF INVESTIGATION

11:55 a.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.

1:30 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.

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

2:20 p.m.



How To Use Multimodal Biometric Approaches To Improve Identification Results From Non-Ideal Biometric Imagery

Biometrics recognition in recent years has been characterized by continual improvements of operational characteristics, increased reliability and growing deployment opportunities. For researchers at the Center for Identification Technology Research at West Virginia University, challenges lay ahead in the analysis of biometric information captured in unconstrained environments, those that do not inconvenience the users. Unconstrained capture may imply that an identity match decision will be made from, for example, blurred images and low resolution video, which limit the amount of traditional biometric information available for recognition. Our presentation will catalog recent research directions in the analysis of non-ideal biometric imagery and discuss multimodal biometric approaches which can overcome the quality limitations in individual modalities by opportunistic inclusion of information that can be used to identify humans.

The presentation will emphasize:

- The impact of biometric capture on overall customer experience with biometrics
- The impact of image quality on the accuracy of iris, face and fingerprint recognition
- Multibiometric approaches to increasing the reliability of biometric systems

Bojan Cukic, Co-Director

CENTER FOR IDENTIFICATION TECHNOLOGY RESEARCH, WEST VIRGINIA UNIVERSITY

3:10 p.m.



Afternoon Networking Break & Exhibits

3:30 p.m.



One Year In – A Look At The US Registered Traveler Program: Defining Key Business Drivers And Overcoming Technical Challenges

Airport security has received much attention since the events of 9/11, with a number of programs aiming to make air travel safer. The Registered Traveler (RT) program is one such program that seeks to do this – not only without disrupting legitimate travel, but actually enhancing service to the traveling public.

This case study presentation will examine the US RT program one year into its current phase – now that multiple airports have deployed and interoperable RT cards have been issued. You will hear the evolution of this unique “public-private partnership” program including key business drivers and technical challenges. You’ll

also gain insight on the development of the Registered Traveler Interoperability Specification and the current status of the program.

Attend this insightful session and learn:

- The roles of the Transportation Security Administration, American Association of Airport Executives, sponsoring entities, and RT service providers
- Which airports are participating and their experiences with the program to date
- What biometrics are being used to provide a variety of functions within the overall RT system
- How interoperability can be achieved in a multi-vendor environment

Conor White, Chief Technology Officer
DAON

Carter Morris, Senior Vice President, Transportation Security Policy
AMERICAN ASSOCIATION OF AIRPORT EXECUTIVES

4:20 p.m.



Counterfeit-Proofing The Social Security Number (SSN) Card: Observations On Critical Issues To Consider In The Quest For Enhanced Security

The GAO is the investigative and research arm of the United States Congress. GAO has been at the forefront in examining identity theft in federal and state programs associated with the fraudulent use of social security numbers, driver licenses, birth certificates, and immigration documents. In the post-9/11 environment, the Congress has become increasingly concerned that SSN cards represent a valuable commodity to identity thieves. Accordingly, the Intelligence Reform Act of 2004, requires the Social Security Administration to take steps to better protect the SSN card from counterfeiting, tampering, alteration, and theft. A variety of options, including using biometric technology, currently exist to “harden” the SSN card. However, each option varies in terms of the level of security provided, cost, and implementation challenges.

This presentation will provide attendees with an overview of:

- How the events of September 11, 2001 have mitigated potential barriers to expanded use of biometric technology
- GAO penetration studies, in which fraudulent documents were used to compromise the integrity of the identity verification processes of key programs and services
- SSA’s progress toward safeguarding the SSN and enhancing the card as required by the Intelligence Act.
- Key issues to be considered before enhancing the card
- The range of options available to SSA for enhancing the card

Dan Bertoni, Director
U.S. GOVERNMENT ACCOUNTABILITY OFFICE

5:10 p.m.



Show & Tell: See Selections of Key Biometric Applications And How They Work

Sometimes it's almost impossible to describe how certain biometric technologies work. This session doesn't "tell you," but "shows you" how it's done so that you learn what goes on "behind the scenes."

In this fun and lively forum, you will have to discuss and gain insight in the following areas:

- Gait recognition and the way we walk
- Consumers embracing biometric access in their homes and work places
- Vein recognition and how it stacks up to other types of biometrics
- Signature authentication and which applications are best suited for it

Bill Rogers, Associate Editor & Founder
BIOMETRIC DIGEST

5:40 p.m.
End Of Day One

5:45 p.m.



Networking Reception: Please Join Us!

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

7:00 p.m.



Dine Around

Sign up during the day for dinner with a group. Take advantage of Las Vegas' fine dining while you continue to network with your colleagues.

AGENDA - DAY 2: Wednesday, October 31, 2007

8:00 a.m.
Continental Breakfast & Exhibits

8:30 a.m.
Chairperson's Opening of Day Two

8:45 a.m.



How To Roll Out A Standards-Based Biometric Credential For Up To 1 Million Workers: An Update On The Transportation Worker Identification Credential Program

Mandated by an Act of Congress, the Transportation Worker Identification Credential (TWIC) program is an ambitious government project to provision interoperable and standards-based biometric smart card credentials to up to 1 million civilian 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 (TSA) and the U.S. Coast Guard.

Go behind the scenes for an insider's perspective on the current status of the TWIC program deployment, the specific technologies and standards required, and the steps that 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.

Walter Hamilton, Chairman

INTERNATIONAL BIOMETRIC INDUSTRY ASSOCIATION

9:35 a.m.



Morning Networking Break & Exhibits

10:05 a.m.



How To Use Biometrics To Protect Your Customers From Identity Theft

Identity theft has caused over \$48B in damage to enterprises in 2006. This session will show you how to use biometrics to increase security as well as improve convenience to customers, partners and employees.

The Technology Credit Union is one of the first financial institutions to use biometrics technology in a customer facing application to effectively solve the problem of identity theft. This case study will highlight biometric devices placed at the teller stations in the branches, and the end-customers being authenticated by simply placing their finger on the scanner. These forms of authentication are now being extended to the internet as well as other customer touch points as well as to perform more secure employee and partner authentication.

Hear the lessons learned from this deployment, including:

- Choosing the appropriate biometric for the channel and benefits from using a non-proprietary system
- A relevant business case highlighting ROI for the use of authentication/security application
- Customer acceptance and response
- How biometrics is solving the problem of identity theft

Guri Walia, President

ID MATRIX, INCORPORATED

Barbara Cure, Vice President Information Technology
TECHNOLOGY CREDIT UNION

10:55 a.m.



How To Use Biometric Technology To Increase Security And Efficiency Within Member-Based Organizations

Recreational facilities must effectively and securely manage their members and visitors on a daily basis. Implementing biometric technology in recreational facilities, or any other member-based organization, adds value and increases efficiency by:

- Eliminating barcode/cards/PIN numbers and the problems and costs associated with them
- Easing the login process enabling staff to work more efficiently
- Speeding up wait times
- Securing sensitive data
- Preventing member fraud

This session will focus on the City of Las Vegas' deployment of a biometrics solution within their recreation centers. You will learn how the City of Las Vegas has been utilizing biometrics, and what benefits have been realized due to the technology. You will also learn how a biometrics solution can be easy to integrate, deploy, and scale without requiring a significant investment and endless development time. Leave this session with increased knowledge to apply to your own biometric deployment or project.

Oscar Sida, Microcomputer Specialist
THE CITY OF LAS VEGAS

Marc C. Walters, Application Administrator
THE CITY OF LAS VEGAS DEPARTMENT OF LEISURE SERVICES

11:45 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.

1:15 p.m.



Biometric Vendor Panel Debate

A variety of biometric technologies will be showcased and debated in this lively forum. Take this opportunity to compare and contrast different technologies, firsthand. Everyone is invited to debate the promise and reality of biometric systems. Get your questions answered in this lively interactive forum.

PANELISTS TO BE ANNOUNCED

2:05 p.m.



How To Integrate Biometrics To Protect Your Logical And Physical Assets And Ensure Technology Interoperability

Today, the challenge in identity management is providing integrated enterprise security, access to user identity, profiles, and access permissions to enforce security policies and deliver a “personalized” experience to each user. Effective delivery and management of applications such as: Single Sign-On, Resource Provisioning, Physical and Logical access, etc. require ubiquitous access to user and service profiles.

Interoperability is vital to the functioning of an infrastructure. Imagine if every plug-in for electrical power (think of your laptop) and the voltage sent down each line was different. It would severely limit the adoption and usefulness of electrical power. If you have had to replace a power cord for your laptop you have some idea of just how valuable interoperability can be. Similarly, if the components of the identity infrastructure do not seamlessly interoperate then adoption will be slow and use will be difficult.

HSPD-12 and FIPS 201 compliance can lead you to an integrated physical and logical access control system.

Hear the lessons learned from adopting an integrated biometric solution, including:

- Choosing the appropriate biometric for the channel
- A relevant business case highlighting ROI for the use of authentication/security application
- Customer acceptance and response
- How HSPD-12 is spearheading an industry revolution in compliant physical and logical access control systems
- Learn how you are no longer “held hostage” by your installed system (any approved product should be interoperable)

Joe Ryder, Technical Manager, Identity Protection and Management
CACI INTERNATIONAL, INC.
and **U.S. DEPARTMENT OF DEFENSE**

2:55 p.m.



Afternoon Networking Break & Exhibits

3:15 p.m.



Enhancing Airport Security With A Dual Biometric Identification Program: Lessons Learned At Canada's Largest 29 Airports

The Restricted Area Identification Card (RAIC) system consists of a complex network of functionalities that greatly enhances airport security with the use of biometrics. It consists of the RAIC application, enrollment equipment, central infrastructure, biometric readers and associated communications. This program has been implemented at Canada's largest 29 airports. The initial design decisions for the program were made using recommendations provided by the Enhanced Restricted Area Pass Working Group that consisted of aviation industry representatives, Unions, CATSA, and Transport Canada. This is the first system in the world that has dual biometrics on one card and interfaces with over 18 airport access control systems.

Attend this session to hear about this innovative biometric program that leads the world in airport security for non-passengers and their lessons learned to date, including:

- Project and Program - do's and don'ts
- The phased roll-out of this large-scale project - what worked and what to avoid
- How the development and deployment of biometrics is improving security

Rob Durward, Director Technical Programs

CANADIAN AIR TRANSPORT SECURITY AUTHORITY (CATSA)

4:05 p.m.



How To Use Facial Recognition In The Casino To Stop Crime And Improve Security

Casinos worldwide can lose hundreds of thousands of dollars to gambling cheats. Recognizing a known cheat as fast as possible is critical to the protection of a casino. In this session, the use of biometric facial recognition in the casino will be discussed.

The ability to detect a gambling cheat quickly will often determine what cheating methods are being used and the most effective methods to employ to stop it. Biometrics in the form of Facial Recognition is used in a number of casinos to detect these individuals in their various disguises and camouflage. This case study illustrates how facial recognition is used in the casinos, its accuracy and lessons learned.

Derk Boss, Vice President of Surveillance and Compliance

AMERICAN CASINO & ENTERTAINMENT PROPERTIES, LLC

4:55 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.

5:15 p.m.

Close Of General Sessions

5:30 p.m.

Casino Tour – Biometrics In Action: Bonus For The First 20 Registrants

A behind the scenes tour of biometrics in action at the Stratosphere Casino. Further details will be announced during the day at the event. Sign up today – you won't want to miss this exciting special event!

***** Register by September 13th to Save \$400! *****

POST-CONFERENCE WORKSHOPS: Thursday, November 1, 2007

INTERACTIVE 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 C or D 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.

How To Integrate Large-Scale Multimodal Biometrics

Multimodal biometrics have demonstrated their potential to dramatically improve the accuracy and reliability of identification and verification in large-scale deployments.

This workshop will outline the various technical challenges that are encountered in the process of integrating large-scale multimodal biometrics. You will learn the correct approach to overcoming several common integration challenges, sharing insights on how they impact large-scale state, federal and private deployments.

During this interactive session, you will learn about the categories of challenges you may face as they affect the various deployment layers, as follows:

- Level 1: Acquisition Devices
- Level 2: Matching Algorithms
- Level 3: Application Core
- Level 4: Deployment-specific customizations
- Level 5: Scalability

Also, you will learn about the three most used modalities for multimodal deployments: face, finger and iris.

WORKSHOP LEADER: Sandeep Movva, a Consultant at International Biometric Group (IBG), is one of the biometric industry's experts in the use of biometrics in public and private sector applications. Mr. Movva has facilitated IBG's rapid growth into the biometric industry's leading research, consulting, and integration firm. Mr. Movva delivers extensive strategic consulting services, including business model development, feasibility studies, industry surveys, risk and vulnerability assessments, and competitive analysis, to biometric and non-biometric firms. Mr. Movva manages bio1.com, the world's largest online resource for biometric companies, projects and events. In addition to integrating the latest biometric hardware and software for public and private sector applications, he is responsible for conducting research in the use of facial biometrics as a factor in lie detection, emotion detection and intent detection. Mr. Movva graduated from Carnegie Mellon University with a Masters in Information Systems Management.

12:00 p.m. to 3:00 p.m.

AFTERNOON POST-CONFERENCE WORKSHOP D

Lunch will be provided at 11:30 a.m. for the afternoon workshop attendees.

Investing In Biometrics: How To Attract The Right Growth Capital

Estimates suggest the market for biometric sensors, alone, could approach \$24.0 billion annually. This presents a compelling opportunity and potentially substantial returns for biometric vendors and investors alike. Yet, despite such exciting prospects, the Biometrics Industry has historically struggled to attract substantial investment capital from venture capital firms and investment banks. Why is this? How do we correct the situation? What the heck are investors looking for, anyway?

Specially designed for biometric vendors, this interactive workshop will provide insight into the minds of investors, what they look for in an investment opportunity and what they avoid. Get practical advice to help get your own biometrics funding off the ground, including:

- Operating and Capital Structures
- Management Attributes and Attitudes
- Capital Formation Tactics and Strategies

WORKSHOP LEADERS:

Jay M. Meier is the President of Sage Capital Advisors, LLC. Previously, Jay was a Senior Securities Research Analyst at Miller Johnson Steichen Kinnard, Inc. (MJSK), an investment bank in Minneapolis, Minnesota. In June 2006, Jay published *Secure Credentialing & Identification*— the first and most comprehensive industry research overview of the Security, Credentialing and Identity Management industries. In 2003, he ranked in the 99th percentile of all securities analysts in North America. In 2004, he ranked in the 97th percentile. In 2005, the StarMine/Forbes Magazine Securities Analyst Ranking Survey named Jay “[8th Best Stock Picker In North America.](#)” Jay earned a BS-Economics from the University of Wisconsin-Madison in 1992.

Gerald (Jerry) A. Okerman is the Vice President of Sage Capital Advisors, LLC. He architected and managed 3M Company’s venture capital program, which became the benchmark corporate program in the Venture Capital Industry. Until February 2007, Jerry was on the board of managers of J.P. Morgan Private Equity Funds and the J.P. Morgan Multi Strategy Fund L.L.C. (New York). Jerry has served on the advisory boards and valuation committees of Arch Venture Partners (chair), Brentwood Venture Partners, Edelson Technology Partners, Hummer/Winblad Partners, New Enterprise Associates, Oak and Partech International.

ABOUT OUR PARTICIPATING SPONSOR



TASCET Identity Network, a Verax company, is a true identity protection company. The TASCET registration process allow individuals to protect the ownership of their identity and eliminates the use of multiple, duplicate or alias identities. As individuals lend their identity information to participating organizations in order to obtain identification cards, open new accounts or receive services, their identity is also registered within the Identity Network using an

available biometric. This confirms to the organization within moments that the individual is using a true and unique identity and protects the identity ownership of the individual from that point forward. This also enables banks, credit card companies, state and federal agencies and healthcare institutions to ensure that their customers, employees, benefit recipients and others receive secure credentials. With identity registration, document mills become a thing of the past. TASCET is headquartered in Madison, Wisconsin with offices in Rancho Cordova, California and Washington D.C. For more information got to: <http://www.tascet.com>.

ABOUT OUR CONFERENCE SUPPORTERS



Since 1996, **International Biometric Group** has been the industry's premier independent developer and integrator of large-scale biometric systems for border management, transportation security, law enforcement, financial services, retail markets, and other key industries. IBG's world-renowned consulting services include: policy development; feasibility and market assessments; legal and regulatory analysis; vendor product testing; research; federal staffing, and standards compliance. For more information, go to www.biometricgroup.com.

Biometric Digest

21 Source of news & information - www.biometricdigest.com

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 billrogers@swbell.net.



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.



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.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, Gov't 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. Our primary members are government and business users of biometric services and products, with other membership categories for vendors. Our 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/>



Card Technology Magazine is the global magazine of cards as payment and identification. For over 10 years, Card Technology's editorial staff brings the world's card executives together with the editorial that keeps up with the fast

paced technology industry. Additionally <http://www.cardtechnology.com> is the place to find industry White Papers, Web Seminars, archived and just breaking news articles.



Biometric Watch is the premier free trade news portal for the biometric industry. Keep pace with global advancements, read about new products, new applications, industry successes and challenges. BW's wide ranging reporting and industry links will quickly bring you up to speed with the latest information available.

<http://www.biometricwatch.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. <http://www.rfidba.org>

VENUE AND LODGING

ALL CONFERENCE SESSIONS & LODGING ARRANGEMENTS HAVE BEEN MADE AT:

The Westin Casuarina

160 E. Flamingo Road

Las Vegas, NV 89109

T: 702-836-5900

<http://www.westin.com/lasvegas>

Hotel reservations may be made online at

<http://www.starwoodmeeting.com/StarGroupsWeb/res?id=0709076856&key=BD62D>

or over the phone by calling 702-836-5900.

For this conference, we have secured a special reduced room rate of \$219/night. Please be sure to contact the hotel directly no later than September 27th to help ensure this rate and mention that you are attending the "Advanced Learning Institute's Biometrics Summit." We recommend that reservations be made early, as the number of rooms at our rate is limited.

The Westin Casuarina Las Vegas Hotel, Casino & Spa offers a peaceful respite from the Las Vegas bustle — but when you're ready for excitement, all the action is only minutes away. Located just one block from the famous Las Vegas "Strip," you'll have easy access to its dizzying array of casinos, dining for all tastes, and pulsing nightlife. Endless attractions and entertainment make Las Vegas a top tourist destination. Take the time to venture beyond the Strip and you'll be rewarded with several world-class golf courses, the astonishing Hoover Dam, and stunning natural scenery.

Join us in Las Vegas, Nevada for A.L.I.'s "Fall 2007 Biometrics Summit" and enjoy this wonderful city's restaurants, shopping, attractions and nightlife.

For more information on your visit to Las Vegas, go to <http://www.visitlasvegas.com>

REGISTRATION FEES

The following are included in your conference registration: attendance, continental breakfasts, refreshments, evening networking reception, breakfast/lunch for workshop attendees, 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 September 13th	Regular Pricing: Register with payment after September 13th
Conference Only (October 30th & 31st)	\$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 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 executive audience interested in biometrics. Space is limited, so please call Amy at (773) 695-9400 x17, for more information.

GROUP 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 October 15th), 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 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:

**Biometrics... Marketing... Human Resources... Communications...
Strategic Planning... Information Technology... Brand Management... Government
Performance Measurement... Technology... e-Commerce**

WE GUARANTEE RESULTS

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 Fall 2007 Biometrics Summit in Las Vegas.

Please check:

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- Conference Only
- Conference Plus Workshop(s):
 - Pre-Conference Workshop A: Biometrics 101: A Step By Step Guide To Understanding Biometric Technology And Its Implementation
 - Pre-Conference Workshop B: Understanding And Using Biometric Standards
 - Post-Conference Workshop C: How To Integrate Large-Scale Multimodal Biometrics
 - Post-Conference Workshop D: Investing In Biometrics: How To Attract The Right Growth Capital
- 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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***** Register by September 13th to Save \$400! *****