THE WINTER 2009 SUMMIT ON

BIOMETRICS

Practical Implementation Strategies, Market Trends, & Best Practices In Government & Business

March 2 - 5, 2009 • Miami, Florida

Rave Review from a Past Biometrics Summit Attendee
"A.L.I.'s Biometrics Summit is a serious, competent, and comprehensive immersion into this critical technology. It's as good as it gets."
L. Cardillo, Director
NORTHWEST FEDERAL CREDIT UNION

✱ ✱ ✱ ✱ ✱ Register by January 15th To Save $400! ✱ ✱ ✱ ✱ ✱
To Register, Call (888) 362-7400 -or- (773) 695-9400

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KEY TAKE AWAYS:

Attend the **19th** updated international forum for advanced identification solutions including…Finger Print Technology, Iris Recognition, Smart Cards, 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 **government, telecommunications, border control, law enforcement, healthcare, airport/seaport & motor vehicles departments**
- 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
- Combining the **mobility** of wireless technology with biometric applications to increase efficiency and security

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:

Port of Miami, Florida

AT&T Consumer Product Division

Club Fitness

Canadian Air Transport Security Authority (CATSA)

Federal Bureau of Investigation

Pearson VUE

U.S. Department of Defense

Northrop Grumman

Dallas Independent School District, Texas

U.S. Army Intelligence Center

- Learn **what consumers think** about 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

Presented by:

Your Security Training Partner Since 1997

National Institute of Standards and Technology

Franklin County Sheriff's Office, Ohio

U.S. Department of Homeland Security, Directorate for Science & Technology

International Biometric Group (IBG)

International Biometric Industry Association

National Biometric Security Project

Sagem Morpho Inc.

L-1 Identity Solutions Inc.

Daon

Unisys

Privaris Inc.

BIO-Key International

LG Iris Technology Division

Oberon Associates

SUPPORTING ORGANIZATIONS:

BioAPI™

WHY YOU SHOULD ATTEND THE WINTER 2009 SUMMIT ON BIOMETRICS:

1. Hear from top industry representatives and their lessons learned in planning for and deploying biometrics projects including **Port of Miami, Florida, AT&T Consumer Product Division, Northrop Grumman, Union Pacific Railroad, 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

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or register online at www.aliconferences.com

MAXIMIZE YOUR TRAINING! **Choose From Three Workshops For Ultimate Value And Learning!** Sign up for your choice of these highly-interactive workshops:
• **Pre-Conference Workshop A –**
Monday, March 2, 2009 2:00 p.m. - 5:00 p.m.: Biometrics 101: Understanding Biometric Technology And Its Implementation
• **Post-Conference Morning Workshop B –**
Thursday, March 5, 2009, 8:30 a.m. – 11:30 a.m.: Implementing Biometrics: A Step-By-Step Process To Ensure Project Success
• **Post-Conference Afternoon Workshop C –**
Thursday, March 5, 2009, 1:00 p.m. – 4:00 p.m.: Biometric Authentication: Its Use And Integration With Passwords, Smartcards, PKI, And Other Technologies To Strengthen Access Control

WHO WILL ATTEND:

This conference was researched and designed for executives interested in improving and enhancing their security initiatives from the following industries:

- Government
- Security and Safety
- Law Enforcement
- Banking and Financial Services
- Aviation
- Homeland Security
- Healthcare
- Border Control
- Physical Access Control

- Computer Security
- Telecommunications
- Retail and Electronic Commerce
- Education
- Transportation
- Motor Vehicle Departments
- Seaports
- 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 -- Credit Card/Debit Card -- MIS -- 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!

Recent PAST ATTENDEES Include Representatives From:

Bank of America • Los Angeles County Sheriff's Department • Baxter Healthcare • American First Credit Union • U.S. 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 • U.S. Social Security Administration • Lucent Technologies • California Department of Motor Vehicles

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

- **27 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

- **The opportunity to customize your learning** by participating in two days of unique and interactive workshop sessions that will enable you to practice and apply your skills in peer groups -- you will walk away with strategies and tactics that you can begin to implement in your own organization

- An abundance of **networking opportunities** -- you will make many new contacts so be sure to bring plenty of business cards to exchange with your fellow attendees

- **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

- **Optional networking lunches** to give you the opportunity to brainstorm and benchmark with your fellow attendees
- **Participating in instructional sessions** that will share real-world examples, tactics and lessons learned from leading biometrics initiatives that will ground you in advancing your own strategy
- An **exciting venue** in Miami, close to attractions, shopping, restaurants and nightlife

A LETTER FROM THE CONFERENCE CHAIRPERSON

Dear Security & Identity Professional:

IBG

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. Winter 2009 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:

- **Port of Miami** implemented Transportation Worker Identification Credential (TWIC) readers to meet the requirements of both the U.S. Coast Guard and local security organizations
- **AT&T Consumer Product Division** equipped their retail locations with fingerprint biometric technology to enable store personnel to perform point of sale (POS) transactions while directly engaged with customers in the store
- **Union Pacific Railroad** achieved employee acceptance and success tracking time and attendance using an iris recognition system

The Winter 2009 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 **19th Biometrics Summit in Miami**.

Sincerely,

Samir Nanavati, Partner
International Biometric Group
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 SUMMIT ATTENDEES:

"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

"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

"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
DEPARTMENT OF HOMELAND SECURITY

"I really appreciate hearing about real world projects from both the user/customer and integrator/vendor perspectives."
C. Tilton, VP, Standards & Emerging Technology
DAON

PRE-CONFERENCE WORKSHOP: Monday, March 2, 2009

Take biometrics from complexity to clarity through this interactive workshop guaranteed to jumpstart your conference experience. This information-packed session is 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.

2:00 p.m. – 5:00 p.m.
PRE-CONFERENCE WORKSHOP A
Registration will begin at 1:30 p.m. Snacks will be served.

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: Joy Kasaaian is a Consultant with International Biometric Group (IBG) supporting the Sensors, Surveillance and Biometric Technologies Center of Excellence. The Center, a program of the Dept. of Justice, serves as a specialized technology resource for the 19,000+ state and local law enforcement and corrections agencies across the U.S. The Center is a component of OJP's National Institute of Justice (NIJ). Prior working at IBG, Ms. Kasaaian was an analyst with GlaxoSmithKline's Scientific Computing and Mathematical Modeling Group. Ms. Kasaaian received a Bachelor of Science in Biomedical Engineering from the University of North Carolina at Chapel Hill.

<div align="center">

Testimonials From Past IBG Sessions:

"This was a good overview/introduction to biometrics that brought me up to date on current trends."

"Exceptional speaker. Clear, comprehensive."

"Lots of information and well presented."

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AGENDA - DAY 1: Tuesday, March 3, 2009

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

8:40 a.m.

CASE STUDY

How To Provide A Highly Secure And Cost-Effective Biometrics Solution For Your Organization

Pearson VUE, the global leader in electronic testing for regulatory and certification boards, has pioneered a number of security technologies since launching their wholly-owned and operated test center network, the Pearson Professional Centers, in 2002. Their goal has always been to provide the highest levels of test center quality and security.

The recent implementation of palm vein recognition technology has allowed Pearson VUE to move toward one-to-many comparisons at a speed that is conducive to a large-scale, global testing operation. In addition, the palm vein system provides a highly secure and cost-effective solution without the criminal connotations that can be associated with fingerprint technology.

You will leave this session with a greater understanding of palm vein recognition technology, including:

- The benefits it provides over other biometric applications
- How to coordinate the acceptance of the technology from internal users, clients and testing center staff
- How to overcome the challenges of implementing a palm vein recognition system in your own organization

Rubén Arturo Garcia, Product Manager
PEARSON VUE

Samir Nanavati, Partner
INTERNATIONAL BIOMETRIC GROUP (IBG)
Conference Chairperson

9:30 a.m.

Speed Networking

Become acquainted with your fellow attendees in this fun and fast-paced forum!

10:00 a.m.

Morning Networking Break & Exhibits

10:30 a.m.

CASE STUDY

How To Implement Transportation Worker Identification Credential (TWIC) Biometric Readers As Part Of A Physical Access Control System (PACS)

Security professionals with the responsibility for implementing the TWIC program at the grass roots level and the integrators/installers who support them are experiencing a great deal of confusion with exactly how to execute TWIC as part of a Physical Access Control System (PACS).

Attend this session and learn about the challenges and successes of a live TWIC Biometric Reader implementation at the Port of Miami. Specifically, you will learn:

- The methods acceptable to access the information available on the TWIC card
- How to interface the TWIC biometric readers with existing physical access control systems
- The operational procedures that had to be established to enable Port security to get the most use and information from the TWIC card
- How the port implemented TWIC readers at different locations to meet the requirements of both the U.S. Coast Guard and local security organizations

Louis A. Noriega, Chief, Seaport Information Systems
PORT OF MIAMI, FLORIDA

Consuelo Bangs, Senior Program Manager
SAGEM MORPHO INC.

11:20 a.m.

CASE STUDY

How To Provide Secure, Multi-Factor Identity Verification For Handheld Devices: Avoiding The Cost And Disruption Of Implementing New Devices

Strong two-factor authentication is needed when accessing any sensitive resource (e.g. computer resources, server or application) in the enterprise. A current implementation of strong two-factor authentication includes smart cards with digital certificates for desktop access. This approach works for users with respect to internal access at conventional PCs, however additional challenges are involved when an organization has personnel that need to gain access to sensitive applications that are served on handheld devices (e.g. PDAs).

Northrop Grumman needed to provide secure, multi-factor identity verification for applications that run on handhelds. Key application requirements were to use biometrics for verification and to avoid the costs and disruption of having to discontinue use of their existing handheld devices. These requirements dictated a solution that would perform the identity verification externally to the handheld and then communicate standard credentials to it via an available communication channel.

Their solution was to employ a self-contained biometric token with wireless communications. The biometric-enabled token performs local identity verification of the authorized user and then communicates with the existing handheld by transmitting an X.509 certificate via an encrypted secure Bluetooth connection between the token and the handheld. This approach met the requirements of the application and eliminated the need to replace handheld units.

This case study will provide you with:

- An overview of the access control challenges unique to the use of handheld devices
- An understanding of the capabilities of self contained biometric identity verification hardware
- An actual demonstration of the process as it applies to a daily user of the system

Erik Bowman, Systems Engineer
NORTHROP GRUMMAN

John Petze, President & CEO
PRIVARIS INC.

12:10 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.

1:40 p.m.

CASE STUDY

How A Major Retailer Streamlined The In-Store Experience And Enhanced Security Using Fingerprint Biometrics

AT&T's Strategy and Innovations group knew that one of the most frustrating aspects of any busy retail store is the lines that inevitably form at stationary Point-of-Sale terminals performing check out.

By implementing a mobile POS platform based around small but powerful tablet PCs, AT&T has enabled their in-store staff to conduct transactions ranging from answering account questions to processing accessory purchases, anywhere in the store. Because these devices operate wirelessly, PCI regulations and AT&T Security policy dictated that access to these devices and the back-end retail systems be protected with strong authentication at a user, not device level. Traditional AT&T strong authentication methods such as One Time Password devices proved too cumbersome to use with the mobile form factor and stylus entry. The mobile devices are shared among retail staff, so authentication is performed frequently. Clearly, an easier, but still secure authentication mechanism had to be found.

Utilizing BIO-key's fingerprint biometric platform, AT&T retail staff authenticates to the network and their POS applications using just a swipe of their finger on the tablet's built in scanner. Any rep from any store can pick up any tablet, swipe their finger, and be immediately authenticated. Despite raising the authentication bar to the highest level – who you are – the retail users strongly prefer the BIO-key authentication method, because it makes the login process easier, with nothing to carry, remember, or lose. At the same time, AT&T is assured that only senior staff can approve overrides, since the biometric credential cannot be shared or stolen.

The AT&T Mobility Team continues to be a pioneering organization in developing and implementing innovative applications and integrated solutions for businesses and consumers. In this session, you will learn how AT&T and BIO-key were able to streamline retail delivery, improve customer experiences, and reduce password & token maintenance overhead - all while improving overall system integrity.

Specifically, you will leave this session with a better understanding of how to:

- Plan, build and implement a mobile solution that integrates fingerprint biometrics to enable a superior customer experience
- Address employee privacy concerns
- Meet the stringent PCI compliance requirements on remote or wireless devices processing credit card data
- Improve overall system security and staff response time while reducing ongoing maintenance costs associated with resetting passwords or token issuance
- Successfully deliver a biometric security solution from concept to retail deployment in a short amount of time

Carl Ceresoli, Manager – Information Technology Strategies and Innovations
AT&T CONSUMER PRODUCT DIVISION

Jim Sullivan, Director of Sales
BIO-KEY INTERNATIONAL

2:30 p.m.

🏛 **CASE STUDY**

How Vascular Biometrics Reduced The Threat Of Lost Profits In A Multi-Site Organization Network

Club Fitness implemented 24hr access to its members in January 2007 by implementing prox cards. As the number of 24hr facilities was expanded, the company started to notice a problem with card sharing, or buddy punching. This was certainly disconcerting and the club management system had no solutions in place.

Working with Communications Supply Corporation (CSC), Club Fitness set out to find a third party solution that would integrate with their current setup. The solution needed to be one that both members and employees could use, was foolproof, and could be used outdoors. After considering the benefits and challenges of fingerprint and iris scanners, Club Fitness decided on Identica's vascular biometrics solution. The vascular system was able to be quickly integrated with their initial setup and has grown to multi-site deployment over the past two years.

Attend this session and learn how your organization can:

- Implement vascular biometrics for use by the mass population
- Run a network of multi-site deployments with a central command location
- Integrate vascular biometrics with your current system and allow for a tighter set of controls

Rich Quin, IT Director
CLUB FITNESS

3:20 p.m.

Afternoon Networking Break & Exhibits

3:35 p.m.

🏛 **CASE STUDY**

Logical And Physical Convergence: How To Streamline Authentication, Identification And Authorization By Incorporating Smartcards In Your Organization

With the ever-increasing focus on security and protecting an organization's assets, physical, human and intellectual, organizations are seeking converged security approaches that address both physical and logical security measures.

Unisys has taken action by implementing new identification standards corporate-wide that make use of smart card technology. The current Smartcard enables access into multiple disparate systems to achieve single sign-on to many of the worldwide systems that an individual has access to, eliminating the need for multiple passwords.

This session will provide you with insight into how Unisys has optimized its use of Smartcards through a converged security approach, including:

- The model, why it worked and how it's been used successfully around the world
- How to maximize and optimize stronger authentication capabilities
  for enhanced security and greater efficiency

Lynn Devore, Enterprise Security Architect
UNISYS

4:25 p.m.

INTERACTIVE SESSION

Mobile Biometrics:
Emerging Trends, Best Practices And Lessons Learned

Innovations in wireless technology and biometrics have seen tremendous growth in recent years. Among the major benefits of wireless technology are mobility and portability. Combining the mobility and portability of wireless technology with the efficiency and accuracy of biometric technology enables law enforcement organizations to increase efficiency and security.

Hear expert representatives from the public sector discuss the emerging trends in mobile biometrics, as well as best practices and lessons learned in the field.

Specifically, this panel will address:

- The future of mobile biometrics in border management
- Emerging trends
- An update on the progress of the NIST Mobile ID Work Group and their work on drafting the NIST Special Publication *Best Practices Recommendation for Mobile ID Devices*
- Lessons learned in domestic and foreign deployment of mobile biometric devices

Panel Moderator:
Ramon Reyes, Product Manager
SAGEM MORPHO INC.

Panelists:
Brad Wing, Biometrics Standards Coordinator
NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)

Beth Owens, ID Section Supervisor
FRANKLIN COUNTY SHERIFF'S OFFICE, OHIO

Arun Vemury, Program Manager, HSARPA, Human Factors
**U.S. DEPARTMENT OF HOMELAND SECURITY,
DIRECTORATE OF SCIENCE & TECHNOLOGY**

5:10 p.m.
End Of Day One

5:15 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, 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 Miami's fine dining while you continue to network with your colleagues.

AGENDA - DAY 2: Wednesday, March 4, 2009

8:00 a.m.
Continental Breakfast & Exhibits

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

Samir Nanavati, Partner
INTERNATIONAL BIOMETRIC GROUP (IBG)
Conference Chairperson

8:40 a.m.

SPECIAL PRESENTATION

How To Respond To The Upcoming Trends Affecting Biometrics Adoption

Over the last few years, biometrics have been validated, tested and deployed in large-scale implementations. The industry has gone beyond the days of arguments over accuracy rates, yet the demands from the market place are no less challenging.

Attend this insightful presentation as we examine the trends expected to affect market adoption in the future and discuss ideas on how the industry needs to respond. We will discuss the increasing demands on biometric capture systems, scalable and interoperable backend systems and real-time ID and demonstrate how biometrics play into larger credentialing and enterprise level systems that are becoming more prevalent. Finally, we will look at how the privacy pendulum seems to be swinging back to pre-9/11 sentiments and what that means for our industry in a security-conscious world.

You won't want to miss this thought-provoking presentation!

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

9:30 a.m.

Morning Networking Break & Exhibits

10:00 a.m.

CASE STUDY

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)

10:50 a.m.

CASE STUDY

Implementing Biometrics For Non-Technical Users: How Iris Recognition Helped Union Pacific Railroad Track Time And Attendance

Union Pacific Railroad has long been a firm believer in the value of biometrics, but the implementation of an iris recognition system for its Rail Gang workforce was the first iris recognition application for the railroad.

This case study will guide you through Union Pacific's Iris Recognition project - from the early stages of employee acceptance through the product and system configuration, and project implementation. The project was a joint partnership involving Universal Biometric Systems Time and Attendance application combining the core LG Iris iData software platform with iCAM series iris readers.

You will leave this session with a better understanding of:

- The driving factors for biometrics in harsh environments
- How to address customer eye safety concerns
- Critical success factors for working effectively with non-technical end-users

Tim Meyerhoff, Director of Sales - North America
LG IRIS TECHNOLOGY DIVISION

11:40 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 a small, interactive group setting to network and brainstorm solutions to your most pressing biometric concerns.

1:10 p.m.

CASE STUDY

Challenges Of A Biometrics Enterprise Architecture:
Lessons Learned From Building The Biometrics Automated Toolset (BAT) System

As biometric systems evolve into full-fledged enterprise architectures, real challenges involving data sharing, data maintenance, data dissemination, the limitations of storage, synchronization, network bandwidth, processing resources and available technologies introduce constraints that must be considered when planning and designing future capabilities. Many of the lessons learned in designing, implementing and fielding the Biometrics Automated Toolset (BAT) System during the course of the last 7 years provide valuable insights into the trade-offs necessary to offer users in the field the solutions they need to accomplish their missions.

During this insightful presentation, you will learn how to overcome common challenges in building biometrics enterprise architectures, including:

- Implications of data sharing across application and architecture boundaries
- Speed of policy versus speed of development
- Data composition
- Data positioning
- Data evolution
- Biometric template versus biometric sample architectures
- Other topics that must be considered when designing and implementing a biometrics enterprise

Kathy De Bolt, Deputy, TCM Biometrics and Forensics
U.S. ARMY INTELLIGENCE CENTER

Anthony Iasso, Vice President for Biometrics & Senior Technical Advisor to the BAT Program
OBERON ASSOCIATES

2:00 p.m.

CASE STUDY

How To Coordinate And Complete A Biometric Fingerprinting Background Check On A 20,000 Employee Workforce

In June of 2007 Senate Bill 9 (SB9), also known as the Fingerprinting Bill, was passed by the 80th Legislature of the State Of Texas and signed into law by Gov. Rick Perry. SB9 authorizes and requires expanded criminal history information reviews, including national criminal history background checks based on the submission of fingerprints for most classes of educators and school employees. SB9 creates a criminal history information clearinghouse to facilitate access to that information and to provide updates of any subsequent criminal history.

For the implementation of SB9, the state gives school districts 80 calendar days to complete the process, from the date the notification is received by the district. Dallas Independent School District (ISD) is one of the 20 largest school districts in the Nation, with a workforce in excess of 20,000 employees. Coordinating and completing the biometric fingerprinting process of about 13,000 certified employees within the established timelines was a logistical challenge, but once completed, it provided the following benefits:

- Dallas ISD has obtained updated and comprehensive criminal background checks on employees
- These results have helped to apply the district policies more accurately and to address issues with employees whose criminal backgrounds were not available to the district
- A comprehensive background check allows the district to have a workforce that contributes to a safe and secure environment for our students

During this session, you will learn how to:

- Efficiently fingerprint a large number of employees
- Review and address the hits received
- Respond each time a fingerprinted employee is arrested
- Form a committee to review files of employees that return hits that violate policy
- Review and make recommendations to management regarding the action to be taken for those employees whose hits violate policy

Bruce Weaver, Biometric Fingerprinting Coordinator
DALLAS INDEPENDENT SCHOOL DISTRICT, TEXAS

Thelma Rios, Coordinator
DALLAS INDEPENDENT SCHOOL DISTRICT, TEXAS

2:50 p.m.

Afternoon Networking Break & Exhibits

3:05 p.m.

CASE STUDY

Understanding And Preparing For The Future Of National-Scale Multimodal Biometric Systems

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. Their Next Generation Identification (NGI) Program is a large-scale biometrics project that will change the standards of the current FBI Integrated Automated Fingerprint Identification System (IAFIS) allowing for the transition to a multi-biometric system. By upgrading or replacing the existing IAFIS technology, the NGI Program will accommodate increased information processing and sharing demands from local, state, tribal, federal, and international agencies while offering state-of-the-art biometric identification services.

This presentation will discuss the particular capabilities of the NGI program including Advanced Fingerprint Identification Technology, disposition reporting improvements, enhanced IAFIS repository, quality check automation, interstate photo system enhancements, and a national palm print system.

You will also learn strategies to maintain biometric quality and overcome the challenges specific to multi-modal identification.

Marie Bernoi, Management and Program Analyst
FEDERAL BUREAU OF INVESTIGATION

3:55 p.m.

CASE STUDY

The Importance Of Biometric Testing:
Selecting The Right Biometric For Your Organization

As governments and businesses around the world increasingly rely on biometrics to help secure access, transactions, and identity, there is an equally increasing demand for accurate and unbiased evaluations of biometrics. Since no single biometric technology is suitable for all applications, organizations and programs are more and more dependent on unbiased and reliable testing and evaluation to help them select the best biometric for their specific requirement. This demand is met in a variety of ways, as government agencies, university research labs, for-profit and nonprofit companies have introduced testing capabilities to one degree or another.

Over time, three important types of testing have emerged as the primary approaches
to biometric product testing:

1. Technology Testing (algorithm verification)
2. Scenario Testing
3. Operational Testing

This presentation will provide you with an overview of the various types of testing, including:

- How they are conducted
- What they try to achieve
- How they differ from one another

Russ Ryan, Vice President, Marketing
NATIONAL BIOMETRIC SECURITY PROJECT

4:40 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.

5:00 p.m.
Close Of General Sessions

POST-CONFERENCE WORKSHOPS: Thursday, March 5, 2009

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. – 11:30 a.m.

MORNING POST-CONFERENCE WORKSHOP B

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 13 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 Sessions:

"Great information – glad I attended!"

"Great speaker. Very useful information and excellent 'food for thought' in biometrics deployment. My favorite presentation of this conference!"

"Easy to understand, entertaining and interesting."

11:30 a.m. – 1:00 p.m.

Lunch on your own

1:00 p.m. – 4:00 p.m.

AFTERNOON POST-CONFERENCE WORKSHOP C

Biometric Authentication: Its Use And Integration With Passwords, Smartcards, PKI, And Other Technologies To Strengthen Access Control

Attend this workshop for an in-depth look at the area of biometric user authentication, primarily for access control purposes. We will investigate biometric authentication contexts, architectures, paradigms and protocols and the differences between biometric authentication and more traditional (secrets-based) authentication methods.

Learn where biometric authentication fits within the larger information and physical security domains and infrastructures, as well as its role within a credential-based access control system. In addition, you will gain an understanding of:

- How biometric authentication relates to and can be used with other related technologies (e.g., passwords/PINs, tokens/smartcards, and PKI), including multi-factor authentication implementations
- The security requirements and mechanisms required to implement biometric authentication effectively
- The advantages and concerns of incorporating the "what you are" method to your logical or physical access system
- Issues and considerations such as secrecy/integrity, revocation, etc.
- What standards exist or are in progress that support the implementation of biometric authentication

This workshop assumes a basic understanding of both biometrics and user authentication. Although suitable for business and management personnel, it does include technical content and is best suited for those with some technical background.

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. 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.

<div align="center">

Testimonials From Past Cathy Tilton Sessions:

"Cathy brings outstanding knowledge and energy to her presentations!"

"Very knowledgeable about subject. Excellent speaker!"

"Cathy was a wealth of knowledge and a captivating speaker."

</div>

ABOUT OUR CONFERENCE SUPPORTERS:

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.

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

BioAPI™   19

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, Government personnel, IT/MIS Managers, Implementation personnel, System Integrators, Physical Security Managers, Property/Facility Managers, Date /Networking Security Managers and Biometric Solution Developers.

The Biometrics Institute is an independent not-for-profit organisation based in Australia providing THE meeting place for any organisation interested in biometrics. It has over 110 membership organisations from Australia, New Zealand and beyond including Australian Customs Service, Department of Immigration and Citizenship, Department of Foreign Affairs and Trade and New Zealand Customs to name a few. The mission of the Biometrics Institute is to be a forum for biometric users and other interested parties and to facilitate the responsible use of biometrics. Implicit in our mission statement is the need to protect consumer personal data, beyond the current protections offered by the Australian Privacy Act or our trading partners overseas. We submitted a privacy code to govern the members of our Institute to the Office of the Australian Privacy Commissioner which was approved and came into operation in Australia on the 1 September 2007 and now forms part of Australian privacy legislation. For more information visit 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.

Defense Update International magazine provides an online resource for military professionals and enthusiasts. With frequently updated news feed covering news and analysis on modern military & aerospace technology, Defense Update discusses the different aspects of modern defense technology, from combat systems, to defense business and financial news. Defense Update is tailored for professionals. Among the tools available to readers are the extensive, up-to-date events calendar, comprehensive product coverage, a military theme bookstore, job center, and more. Visit www.defense-update.com to join the free subscription service.

ThirdFactor investigates the application of the wide range of biometric technologies across the spectrum of identification and security markets. Readers explore the latest news and follow market and product developments at this high-profile industry site. For more information go to: http://www.thirdfactor.com/.

Founded in 1996, the **Biometric Digest** is the leading technology newsletter dedicated solely to biometric identification technology. Distributed 12 months of the year, it is available as a PDF file and includes hyperlinks to vendor websites. A supplement, "*Biometric Media Weekly*," provides news and information and is distributed every Wednesday. Key articles and research are available on all biometrics to include fingerprint, voice, facial recognition, iris, vein, handprint, palm and others. To subscribe to this monthly newsletter, with weekly e-mail updates, visit http://www.biodigest.com.

HSToday, an award-winning monthly magazine, provides insight and analysis to homeland security decision-makers. With its in-depth HS coverage, *HSToday* is the must read magazine that key personnel at local, municipal, state and federal agencies rely upon. In addition to *HSToday* magazine, their website with its continual updates and daily special topic e-newsletters, keeps you informed. *HSToday* is free to individuals involved with homeland security. Sign up for your free subscription today at http://www.hstoday.us/.

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VENUE AND LODGING:

ALL CONFERENCE SESSIONS WILL BE HELD AT THE:

Marriott Miami Biscayne Bay
1633 North Bayshore Drive
Miami, FL 33132
Reservations: 1-800-228-9290
Main Hotel Number: 305-374-3900
http://www.marriott.com/hotels/travel/miabb-miami-marriott-biscayne-bay/

Please contact the hotel directly when making your reservation. For the conference, **a limited number of rooms have been reserved at the rate of $209 per night**. Please call the hotel no later than **February 1, 2009** to ensure this rate and mention that you are attending the "Advanced Learning Institute's Biometrics Summit."

Also, a limited number of rooms have been reserved at the government per diem rate of $121 for attendees with a government ID.
 We recommend that reservations be made early as both rates are subject to availability.

Located at the intersection of Downtown and Miami Arts District, the Marriott Hotel offers waterfront accommodations with a gorgeous view just minutes from the Port of Miami. Enjoy fine dining and shopping at Bayside Marketplace or wander through the hip Art Deco District.

Join us in Miami, Florida for A.L.I.'s "Winter 2009 Biometrics Summit" and enjoy this wonderful city's restaurants, shopping, attractions and nightlife.

For information on your visit to Miami, go to www.miamiandbeaches.com/visitors/.

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 January 15th	Regular Pricing: Register with payment after January 15th
Conference Only (March 3rd & 4th)	$1,299	$1,699
Conference Plus One Workshop	$1,699	$2,099
Conference Plus Two Workshops	$1,999	$2,399
Conference Plus All Three Workshops	**$2,199 BEST VALUE!**	$2,599
Conference Workbook Only	$199.00* + $20.00 S&H	
*IL residents will be charged 9.75% 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 executive audience interested in biometrics. Space is limited, so please call Amy at (773) 695-9400 x20, 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 February 16th), 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:

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Marketing… Human Resources… Communications… Strategic Planning…
Brand Management... Performance Measurement… e-Commerce**

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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.

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Registration Form

Please photocopy for group members.

☐ Yes, I'd like to register for the Winter 2009 Biometrics Summit in Miami.

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

☐ Post-Conference Workshop B: Implementing Biometrics: A Step-By-Step Process To Ensure Project Success

☐ Post-Conference Workshop C: Biometric Authentication: Its Use And Integration With Passwords, Smartcards, PKI, And Other Technologies To Strengthen Access Control

☐ I would like to order a conference workbook only

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