

West Virginia Biometrics and Identity Management Newsletter

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BEACON Lecture on Confidentiality by Design Using Synthetic Test Data

The lecture on 10/14/09 will be video teleconferenced to the BEACON, Orlando, Draper, Herndon, Rockville, Mitchel Field, and Egan Lockheed Martin locations, and will originate from the Rockville, MD facility. The lecture will run from 12 Noon to 1PM (Eastern Time). "Confidentiality by Design Using Synthetic Test Data"

will be a presentation by Mr. John Dawson, President of ExactData, LLC, a company specializing in automated generation of large realistic yet synthetic data records for the testing of systems containing confidential or private information. Prior to ExactData, John enjoyed a 23 year career with Eastman Kodak Company in numerous engineering and senior management roles, all involving Information Technologies and is a recognized expert in this field. Please contact james.jarboe@lmco.com with any questions, or if you know of any non-LM attendees who wish to attend and who do not have access to the facilities so that access arrangements can be made.



IREX Iris Recognition Algorithm Evaluation Report Available

The Iris Exchange (IREX) was initiated by NIST in late 2007 to support interoperable exchange of iris imagery in high performance biometric applications. The first activity in the program, the IREX I evaluation, was conducted in cooperation with the iris recognition industry to develop and test standard image formats, and to demonstrate that iris recognition algorithms can maintain their accuracy and interoperability with compact images. Standard formats are needed in federated applications in which iris data is exchanged between interoperating systems. Compact size is a current and vital requirement for applications in which imagery is passed across bandwidth-limited networks, or stored on identity credentials.

http://iris.nist.gov/irex/irex_report.pdf

Agencies to spend more on IT in 2010, but not on new projects

Information technology spending at civilian agencies should climb significantly next year, but much of the money will be spent renewing or replacing existing contracts, according to a market research firm. The total value of the 20 largest federal IT projects in 2010 is 50 percent higher than the previous year, increasing from about \$120 billion to \$180 billion, according to a [list](#) compiled by INPUT and presented in a webinar on Tuesday. All but two of the projects are contracts that will be recompeted or are consolidations of existing pacts.

http://www.nextgov.com/nextgov/ng_20091006_8476.php

Top-Three US Bank Chooses CIC Electronic Signature Technology for Branch-Wide Deployment

REDWOOD SHORES, Calif., Oct 06, 2009 -- Communication Intelligence Corporation ("CIC"), a leading supplier of electronic signature solutions for business process automation in the financial industry* and the recognized leader** in biometric signature verification announced today that a top-three U.S. bank will deploy CIC electronic signature technology in a branch-wide rollout including several thousand recently acquired branches.

<http://www.marketwatch.com/story/top-three-us-bank-chooses-cic-electronic-signature-technology-for-branch-wide-deployment-2009-10-06?siteid=nbkh>

IBM Awards Sagem Biometric Deal in the UK

Sagem Sécurité has signed a contract with IBM to supply and maintain a biometric management solution for British travel and identity documents, on behalf of the British Home Office's Identity and Passport Service (IPS). The project forms a core element of the UK Government's plans to upgrade to fingerprint-based biometric passports and enhance the security of the UK border. Sagem Sécurité will provide multibiometric facial and fingerprint recognition technology that was assessed for speed, accuracy and cost in competitive trials developed and run by IBM, using in excess of 10 million images. The technology will enable IBM to help IPS and the UK Border Agency to deliver the next generation of secure and reliable identity documents to British citizens, residents and people requesting asylum, while minimizing the risk of fraud.

http://www.securitydocumentworld.com/public/news.cfm?&m1=c_10&m2=c_6&m3=e_0&m4=e_0&subItemID=1879

DigitalPersona Shifts Authentication Responsibility From Individual Users to the Corporate Network

New DigitalPersona(R) Pro ID Server Software Enables Seamless 'Touch-and-Go' Authentication for Call Centers, Hospitals and other Enterprises

REDWOOD CITY, Calif., Oct 06, 2009 -- DigitalPersona, Inc., a leader in fingerprint identity and authentication solutions, today expanded its suite of enterprise security software with the new DigitalPersona Pro ID Server. This software enables Microsoft Windows-based PCs and networks to recognize thousands of users in Active Directory solely by their fingerprint. The ID Server eliminates the need for users to remember and type login names or enter other forms of identification. This shifts the responsibility for securing access to critical resources from the user to the network, giving businesses greater control and security. The DigitalPersona Pro ID Server also simplifies provisioning and helpdesk support, allowing call centers, hospitals and other organizations to provide access to line-of-business applications more efficiently. Many time-critical applications, such as electronic medical records software in hospitals, are accessed from kiosk-style computers by multiple people within an organization on an ongoing basis. The ID Server helps businesses cut the escalating burdens and risks posed by users who lose, forget or share usernames and passwords.

<http://www.marketwatch.com/story/digitalpersona-shifts-authentication-responsibility-from-individual-users-to-the-corporate-network-2009-10-06?siteid=nbkh>

Naval Air Station Fallon Increases Security with Biometrics

RAPIDGate Program Chosen to Authenticate and Verify Vendors & Contractors

PORTLAND, Ore., Oct 06, 2009 -- Naval Air Station Fallon has implemented the RAPIDGate (R) Program to increase security and streamline access for the thousands of vendors, suppliers, service providers and contractors who access the installation. The program includes company enrollment, employee registration, employment status validation, identity authentication, background screening, biometric verification, and entry authorization for vendor, supplier, service provider and contractor employees that are not authorized a Common Access Card (CAC).

Utilizing Eid Passport's patented program, employees who register for the program and successfully pass the background screening receive streamlined access to Naval Air Station Fallon.

<http://www.marketwatch.com/story/naval-air-station-fallon-increases-security-with-biometrics-2009-10-06?siteid=nbkh>

Drug Maker Secures Payment Approval

Purdue Pharma is using Realtime's bioLock software in conjunction with newly compatible Verifi fingerprint biometric readers from Zvetco for workflow payment approval. An automated workflow sends an email with a link to approvers, who then click the link; bioLock opens a window that asks for user authentication prior to approving the transaction. Payment is then approved within the company's SAP system.

<http://www.fiercebiotechit.com/story/drug-maker-secures-payment-approval/2009-10-04>

Biometrics Conference

I was at a biometrics conference in Florida the week before last. The state of the art is much more advanced than I realized in many areas. For example, iris recognition can be done at a distance of a couple of meters. You just look at a screen for a second or two and the system can identify who you are and thus whether you are approved to enter, or whatever. In a self-contained unit, the unit itself can store 100,000 people. With a back-end database there can be millions or even hundreds of millions and identification still takes place in under 2 seconds. This is still what is called cooperative recognition, where the person being identified follows instructions, opens their eyes, takes off their glasses (although it has a pretty good recognition rate even if you don't, depending on how much other reflection there is off the lenses). There seem to be research projects going on to recognize people simply by scanning them as they walk by.

<http://www.edn.com/blog/920000692/post/420049242.html>

Authentication: The Biometrics Advantage

Interview with Myra Gray, Director, U.S. Army Biometrics Task Force

Though fingerprint and iris scans have advantages over passwords and magnetic identity cards as a means to grant access to IT systems, in many instances, the biometric technologies aren't ready to be employed alone, says Myra Gray, director of the U.S. Army's Biometrics Task Force.

"Actually, it's an outstanding method for good, strong identity assurance," Gray said in an interview with GovInfoSecurity.com. "But before we go throwing out passwords and usernames, I'd like to articulate that biometrics is one tool of many. It should be part of the portfolio that's used to protect against identity theft."

<http://www.govinfosecurity.com/podcasts.php?podcastID=350>

Hugh Chatham Adopts Star Trek Technology with the Use of Palm Identify to Prevent Medical ID Theft

MOORESVILLE, N.C., Oct 05, 2009 -- With medical identity theft becoming a growing industry concern, Hugh Chatham Memorial Hospital has chosen to implement Palm Identify, a software application developed by Biz Technology Solutions, Inc (BTS). The primary purpose of the new solution is to enhance patient security, while improving the patient admissions process. Hugh Chatham Memorial Hospital is a private, not-for-profit hospital located in the wine country of western NC. The hospital's current slogan is "Our Region's Choice for Technology and Care" and believes that being on the forefront of this new patient technology will only strengthen their statement.

<http://www.marketwatch.com/story/hugh-chatham-adopts-star-trek-technology-with-the-use-of-palm-identify-to-prevent-medical-id-theft-2009-10-05?siteid=nbkh>

Intel Eyes UID Project; to Ride on Biometrics, Computing Expertise

Leveraging its experience in the field of biometrics and leadership in the computing space, the world's largest chip maker, Intel, hopes to attract a significant pie of the business that will arise from the Indian government's Unique Identity (UID) project, which is headed by former Infosys head Nandan Nilekani. Biometrics (which includes fingerprint, face and iris recognition) and computing power hold the keys to Nilekani's UID project. Which is estimated to offer a Rs 15,000-20,000 crore opportunity to computing, database, smartcard and storage vendors, besides systems integrators. For every rupee of IT spend on the UID project, industry experts estimate, around 60 per cent of the spending will go to hardware vendors. "We have deeply thought about the project and how Intel can work with the Indian government on the project. We've also had a meeting with Nilekani in this regard. However, since the project is in its infancy, I cannot comment on how our dialogue will eventually pan out," Ramamurthy Sivakumar, managing director (sales and marketing - South Asia), told Business Standard.

<http://www.business-standard.com/india/news/intel-eyes-uid-project-to-ridebiometrics-computing-expertise/372728/>

Scans Of Eyes, Fingerprints Help Army Find Insurgents

The Army and Marines have fielded more than 4,000 Polaroid camera-sized biometric detection devices that scan, track and identify potential terrorists in Iraq and Afghanistan, service and industry officials said. U.S. forces use the Handheld Interagency Identity Detection Equipment, or HIIDE, devices during neighborhood patrols. The camera scans fingerprints or irises in an effort to find insurgents. The devices connect to a remote Defense Department database called the Automated Biometric Information System, which gathers identification data from U.S. and coalition partners.

<http://www.defensenews.com/story.php?i=4306825&c=AME&s=TOP>

Paratroopers Learn Battlefield Forensics

Arguably, the enemy's greatest asset on today's asymmetric battlefield of big Armies and small terror cells is his anonymity. Take away that, and there's nothing left that a slug, shell or JDAM can't hit. Lacking anonymity, bad actors can't hide among good people, and the good guys win.

The nature of insurgencies has not changed, but what has changed is the ability to root them out. Using muscular computers and enormous databases, information analysts are better than ever at weaving together a flow of biometric data — mostly fingerprints — collected from the field to identify individual insurgents.

http://www.forensicmag.com/News_Articles.asp?pid=727

2012 Olympic site workers face biometric scans

LONDON — Workers on London's Olympic Park will have to go through biometric scanning to access the 2012 Games site in a bid to protect it from terrorists, a newspaper reported Sunday. From this week, machines that have hand and iris recognition technology will be deployed at entry points around the 2.5-square-kilometre east London site, The Observer said. The weekly said the hand scanners could check up to 5,000 workers per hour at Europe's largest regeneration project, while the iris scanners would be used as an alternative if required. The decision to implement the measures was based on Britain's "years of experience in both tackling terrorism and hosting major sporting and cultural events", Olympics Minister Tessa Jowell said.

<http://www.google.com/hostednews/afp/article/ALeqM5gjbppwhJ39de5qyJDV4-6BIDmgDg>

NIST Issues Guidelines on New Mobile Biometric Devices

First responders, police, the military and criminal justice organizations now have some "on the go" help. The new mobile biometric devices will allow them to collect biometric data and then compare it to other watch lists and data bases in real time. The National Institute of Standards and Technology has published its latest guidelines on those mobile devices. We asked Shahram Orandi, a computer scientist at NIST, about what got NIST interested in Mobile devices....

<http://www.federalnewsradio.com/index.php?nid=19&sid=1781430>

Panel Recommends Improvements to E-Verify

The Internet-based E-Verify system is operated jointly by the Homeland Security Department and the Social Security Administration. It allows employers to check an individual's Social Security Number to determine whether the number is valid. However, the system is not designed to detect stolen or borrowed Social Security numbers, although DHS has added some photographs to the database to help stop identity frauds. To reduce those errors, the report recommends starting a secure national identification system with biometric data, such as secure Social Security cards or driver's licenses that contain biometric data, along with a personal identification number system such as is used in automatic teller machines.

<http://fcw.com/articles/2009/10/07/report-recommends-improvements-to-everify.aspx>

NIST Iris Exchange Evaluation Judges VeriEye 2.1 as Most Reliable for Accuracy, Speed

[Neurotechnology](#), a provider of high-precision biometric fingerprint, face and iris identification algorithms, object recognition technology and software development products announced that their VeriEye iris identification technology is intended for biometric systems developers and integrators. The technology includes many proprietary solutions that enable robust eye iris enrollment under various conditions and fast iris matching in 1-to-1 and "1-to-many" modes.

[NIST Iris Exchange](#) Evaluation has reportedly tested this state of the art of algorithm and has judged VeriEye 2.1 as one of the most reliable iris recognition technology. VeriEye is also ranked one among the top three for accuracy and, of the top three, the fastest matching algorithm by a wide margin.

<http://sip-trunking.tmcnet.com/topics/security/articles/65816-nist-iris-exchange-evaluation-judges-verieye-21-as.htm>

Meeting and Conference Dates

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12th World Conference and Exhibition on the Practical Application of Biometrics

Register now for the latest information and solutions on the use of biometric technology in government and commercial applications - from identity cards to access control. More than 45 international speakers provide a topical overview of all the issues to consider when installing and operating a biometric system. Plus, free visitor access to the largest European exhibition for biometrics-based identity management solutions.

Dates: Conference: 20-22 October 2009
Exhibition: 21-22 October 2009

Location: Queen Elizabeth II Conference Centre, Westminster, London, UK

www.biometrics2009.com

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