

West Virginia Biometrics and Identity Management Newsletter

Issue Date: January 4, 2010

Byrd Announces New Biometric Facility

United States Senator Robert Byrd, a democrat from West Virginia, has announced the construction of a new Biometrics Technology Center to be built on the FBI's Criminal Justice Information Services Division campus in Clarksburg, WV.



The new building, which is estimated to cost \$328 million, will encompass 360,000 square feet, four stories in height and will double the capacity on the campus. Created as a joint effort between the FBI and the Department of Defense, the new center is expected to push biometric technology in the field of criminal justice, border control and homeland security through its dedication to research and development, however, Byrd also cited the excitement of bringing new construction work to his state. Some of the specific technologies expected to benefit from the new biometrics center include DNA, iris, palm print and facial recognition-based biometric systems. The expected completion date of the center is set for 2013.

<http://www.thirdfactor.com/2009/12/21/byrd-announces-new-biometric-facility>

Nurses Use Biometric Technology To Hand Out Medicine

Davis Memorial Hospital in Randolph County purchases several state of the art pharmacy dispensing units.

ELKINS -- On Jan. 4, 2010 nurses at DMH in Elkins, WV, will need more than just their hands to "hand out" medicine. They will need to use their fingerprints to activate the new Acudose Pharmacy dispensing units.

The hospital unveiled its new multi-million dollar equipment to the public on Thursday. "The automated cabinet system provides secure storage and efficient dispensing of medications on the floor. Medications will now be available 24 hours a day in a decentralized location," said DMH Pharmacy Director Jason Bosley. According to Bosley, Nurses will log into a computer by scanning in their fingerprint. They will then be able to bring up a patients chart and the medicine needed. The drawer will automatically open, exposing several pill storage area. "They will all be locked except for the one needed by the patient." said Bosley.

<http://www.wboy.com/story.cfm?func=viewstory&storyid=72177>

The EMEA Biometrics Market Offers Significant Growth Opportunities, Says Frost & Sullivan

LONDON, -- The biometrics market has gained steady momentum in the EMEA region (Europe, Middle East and Africa) in recent years. The various government projects newly issued are expected to counterbalance the negative impact that the current economic recession is having on the commercial and financial sectors. Infrastructure security developments like e-Passports, the national ID programme, as well as seaports, and airports will be driving the market. New analysis from Frost & Sullivan, EMEA Biometrics Market, finds that the market earned euro 216.1 million in 2008 and is anticipated to reach euro 1,058.0 million by 2015, growing at a compound annual growth rate (CAGR) of 25.5 per cent from 2008 to 2015. Technologies covered include: non-AFIS, face recognition, iris recognition, hand geometry as well as voice and signature verification.

<http://newsblaze.com/story/2009121502540200001.pnw/topstory.html>

Pittsburgh Biometric Research Could Keep You, Your Credit Card Safer

Researchers At Carnegie Mellon Look For Ways To Make Computers Recognize People

PITTSBURGH -- During the holiday season, many people will be shopping online or traveling through airports and train stations to see loved ones. But these simple activities also carry new and evolving risks from threats to your identity, finances and personal safety. Channel 4 Action News' Sally Wiggin found that at Carnegie Mellon University, there are new ways being developed to protect people from digital and other crimes. The goal of researchers in CMU's computer engineering and the biometrics lab is to make the world a safer place.

For example, computer users type in their password dozens of times a day, making passwords an attractive target for hackers. Criminals can make use of something as simple as a spelling error in a program. "For example, you ask the user for a password in the program and it doesn't check the password correctly, maybe that allows a backdoor for an attacker," said Dr. David Brumley. Brumley's job is to find these mistakes, and create safer software, perhaps by creating a computer that can recognize your fingertips as you type your password. In CMU's biometrics lab, researchers are working on using not just fingerprints, but human faces and even the iris of an eye as an additional safeguard. The technology may seem futuristic, but it could be available next year.

<http://www.thepittsburghchannel.com/technology/21962693/detail.html>

Israel Tests Biometric Database

Fingerprint and facial scan pilot

The Israeli Knesset has voted in favour of a bill for a compulsory biometric database of all citizens. The Biometrics Database Law passed the Knesset 40 votes in favour to 11 against. A big row over privacy forced the bill back to the drawing board. This led to the idea of a two-year trial rather than a full-blown introduction. Three months before the end of that period ministers will decide to adopt or ditch the technology. For the first two years the scheme is voluntary. After that all citizens wanting an identification document will have their fingerprints taken along with a picture of their face. Electronic ID cards will contain a chip carrying two fingerprints and a digital picture.

http://www.theregister.co.uk/2009/12/08/israel_biometrics/

Fujitsu and IBM Offer Biometric Security Solution That Replaces Passwords With the Scan of an Employee's Palm

New technology helps organizations improve security and better manage compliance with healthcare, financial services and government regulations

ARMONK, N.Y. and Foothill Ranch, Calif -- IBM and Fujitsu Frontech North America Inc. today announced a new security solution that integrates palm vein biometric technology from Fujitsu with IBM's leading enterprise single sign-on solution. The new offering aims to help companies bypass the hassles of managing multiple passwords for access to critical business information by enabling employees to scan their palms to verify their identities. By integrating the palm vein technology with IBM's single sign-on software, employees can securely access applications, files and websites with a single scan of their palm - eliminating the need to remember multiple passwords and the threats posed by those lost or stolen.

<http://www.marketwatch.com/story/fujitsu-and-ibm-offer-biometric-security-solution-that-replaces-passwords-with-the-scan-of-an-employees-palm-2009-12-17?siteid=nbkh>

Iris ID Systems Inc. Formed from the Spin-off of LG Electronics USA Iris Technology

CRANBURY, N.J., - Iris ID Systems Inc. (IRIS ID), a new company focused on iris identity authentication technologies, has been formed from the spin-off of the LG Iris Technology Division from LG Electronics USA. LG Iris has been active in the development of iris recognition since 1997, and the IrisAccess platform has become the most widely deployed iris recognition platform in the world.

<http://www.findbiometrics.com/industry-news/i/7607/>

LockFace: A USB Facial Recognition Scanner that Uses the Webcam

It's amazing how much webcam technology has taken off, hasn't it? I mean, if a webcam can recognize a certain code for an augmented reality program, then I don't see why it cannot recognize a face. This is what Futen, a Japanese company, has realized as well. Their Lockface program is a USB key that can be stuck into any USB port and then works better than a biometric scanner. Lockface as it uses your face to make sure you are the right user, rather than a fingerprint. Lockface is designed to work right out of the box, without using any separate software. It starts by taking a number of pictures of the user, and then using this data to verify the user when he or she logs on again.

<http://www.coollest-gadgets.com/20091216/lockface-usb-facial-recognition-scanner-webcam/>

Prometric Steps Up Testing Security with Biometrics

Prometric, a United States-based standardized test management company, has announced that the online Common Admission Test (CAT), often used as for admissions purposes for the Indian Institutes of Management, has received a number of security upgrades to help ensure the taker is who he says he is, according to a Central Chronicle article. Among the security upgrades, Prometric officials cite the collection of biometric data from test takers is the most important.

<http://www.thirdfactor.com/2009/12/16/prometric-steps-up-testing-security-with-biometrics>

Controversial New ID Cards Coming in 2010 (Germany)

The German Interior Ministry confirmed on Monday that new identification cards containing radio-frequency (RFID) chips will be introduced starting November 1, 2010 - but some data protection experts are critical of the decision. "It's smaller than the old one, but can do a lot more," Interior Minister Thomas de Maizière said in a statement.

<http://www.thelocal.de/sci-tech/20091214-23931.html>

ManTech to Acquire Sensor Technologies Inc.

Prime Contractor on Strategic Services Sourcing (S3) Program for U.S. Army

FAIRFAX, Va., -- ManTech International Corporation announced today that it has signed a definitive agreement to acquire Sensor Technologies Inc. (STI) for \$242 million in cash. STI is a leading provider of mission-critical systems engineering and Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) services and solutions to the Department of Defense. STI's largest customer is the U.S Army through several contracts, including its prime position on the S3 Indefinite Delivery/Indefinite Quantity contract, on which it has received more than \$2.5 billion in task orders to date. The transaction is expected to be accretive to ManTech's earnings per share in 2010.

Headquartered in Red Bank, NJ and founded in 1991, STI is a privately-held company with specialized services supporting program management offices across the U.S. Army in the areas of biometrics, human terrain systems, communications, and ISR. STI generates solid operating margins and expects to produce approximately \$340 million in revenue in 2009 and \$450 million in revenue in 2010.

<http://www.marketwatch.com/story/mantech-to-acquire-sensor-technologies-inc-2009-12-21?siteid=nbkh>

Lockheed Martin First Major Systems Integrator to Achieve ISO 27001 Certification

Gaithersburg, Md., -- Lockheed Martin (NYSE: LMT) today announced the successful achievement of ISO 27001 certification, an internationally recognized standard against which organizations certify their Information Security Management Systems. This encompasses frameworks to consistently design, implement, manage, maintain and enforce information security processes and controls, to protect confidentiality, integrity and availability of information.

Lockheed Martin Information Systems & Global Services is one of 100 U.S. companies and the only major systems integrator to attain the ISO 27001 certification. More than 5,500 customer contracts, 13 Lockheed Martin Cyber Security Alliance partners and over 16,500 suppliers rely on resilient and trusted systems to meet their missions and achieve their business objectives. The certification helps affirm the strength of Lockheed Martin's security practices which provide a consistent, reliable and secure operating environment to support its customers, partners and business.

http://www.lockheedmartin.com/news/press_releases/2009/120809_ISO27001Certification.html

Biometric Project to Plug 'Gas Leak'

Bangalore: Pilot project to be introduced in the Central Range of Bangalore covering 96 ration shops, five LPG distributors; When a cylinder is door-delivered, the identity of the individual will be verified on a biometric reader. With a view to check diversion of subsidised domestic LPG cylinders into the commercial market, the Ministry of Petroleum and Natural Gas and the State Government are planning to bring LPG distribution under the proposed biometric public distribution system.

As a first step, the Ministry and the Food and Civil Supplies Department will undertake a pilot project in the Central Range of Bangalore City covering 96 public distribution (ration) shops and five LPG distributors, said sources in the department. While the Ministry is implementing smart card system in the rest of the country for the same project, the measure taken by the Karnataka Government to introduce biometric system is a step ahead, said sources in the public sector oil companies. The State Government need not spend any money on smart cards and the present laminated ration cards will continue to stay, said the source.

http://www.mynews.in/News/Biometric_project_to_plug_'gas_leak'_N33367.html#

Defense Bill Includes \$52.6M for Kentucky

The FY 2010 Defense Appropriations Conference Report, which was passed by the U.S. Senate Saturday, includes \$52.6 million in funding for several Kentucky projects, according to a news release from Senate Republican Leader Mitch McConnell. The legislation, which already has been passed by the U.S. House of Representatives, now will go to President Obama for his signature. Of that money, \$6 million will be for University of Louisville Biometric Optical Surveillance Project, which will use the funds to support U of L's research into biometric signatures. Researchers at U of L are working on technology to help the military identify chemical signatures to prevent chemical and biological terrorism.

<http://louisville.bizjournals.com/louisville/stories/2009/12/21/daily4.html>

PNB to Open 100,000 Biometric ATMs by 2013

The country's second-largest public sector lender, Punjab National Bank (PNB), has bet big on rural customers in the Indo-Gangetic plains of Uttar Pradesh and Bihar. Keeping in sync with its target, the bank unveiled its plans to open 100,000 biometric Automated Teller Machines (ATMs) in rural areas by the year 2013 for providing easy access to the illiterate and semi-literate customers. "We will be targeting the countryside customer who is not yet able to gain benefit from the financial and banking services available in the country. We have offered to open zero balance and no-frills account for the convenience of such economically weak customers," PNB Chairman and Managing Director, K R Kamath told Business Standard. He was on an official visit to Kanpur to meet large and mid-sized corporate willing to bank with PNB.

<http://www.business-standard.com/india/storypage.php?autono=379418>

Unisys Predicts Increased Focus on Biometrics, Data Protection in 2010

The end of one year often brings predictions about the next. Unisys has released its forecast, saying that 2010 will be the year of a biometrics boom, while organizations will have to go more on the offensive when it comes to protecting their data. Patricia Titus is CISO of Unisys Federal Systems and explains why. "What we're starting to see is a trend toward organizations wanting to use that device that is always on, always on [a person] to be able to communicate and send important information. In some cases, they're being used for transactions. It's a unique ability. It's very efficient. . . . Unfortunately, we're also starting to see an increase in malware and spyware."

<http://www.federalnewsradio.com/index.php?nid=19&sid=1839863>

Biometric Data Passports Operational by April 2010

Ghana in compliance with the standards of the International Civil Aviation Authority (ICA) would introduce the use of readable passports with biometric data by April 2010. This means that passport applicants would have to present themselves personally at the passport application centres for their biometric data to be captured. Applicants would also be made to take fresh photographs with their fingerprints at the application centres to eliminate impersonation and other related malpractices that had bedevilled the sector over the years.

<http://news.peacefmonline.com/news/200912/34465.php>

Fingerprints Not Enough for Future Security Government Systems

The FBI and Department of Defense are undergoing massive security-system makeovers that will make more extensive use of DNA, facial recognition, iris scans and palm over the traditional fingerprints for security investigations. In the emerging world of advanced security systems at the FBI and Department of Defense, DNA, facial recognition, iris scans and palm prints will play a larger role in investigations than the traditional fingerprint. Both agencies have embarked on biometrics-system makeovers that may eventually include mass-scale DNA biometrics storage for investigative purposes.

[http://www.cio.com/article/503296/
Fingerprints Not Enough for Future Security Government Systems?taxonomyId=3000](http://www.cio.com/article/503296/Fingerprints%20Not%20Enough%20for%20Future%20Security%20Government%20Systems?taxonomyId=3000)

Mexico Hires Axtel, Unisys to Make Biometric IDs

A consortium comprising Axtel and the Mexican subsidiary of U.S. information technology giant Unisys won a contract to create biometric identity cards for Mexico's 107 million people, the country's government said. The bid from telecom company Axtel, S.A.B. de C.V. and Unisys de Mexico SA de CV was 664.5 million (\$51 million), the Mexican interior ministry said in a communiqué. At midyear the Mexican government announced the creation of a population register with citizen ID cards that would include biometric data including fingerprints, iris scans and blood type.

[http://www.tmcnet.com/usubmit/-mexico-hires-axtel-unisys-make-biometric-ids-
/2009/12/15/4533478.htm](http://www.tmcnet.com/usubmit/-mexico-hires-axtel-unisys-make-biometric-ids-/2009/12/15/4533478.htm)

Now, MCD Mulls Biometric Attendance System for Teachers

New Delhi: After the hullabaloo created by the Delhi University teachers about the biometric attendance system, the teachers at the Municipal Corporation of Delhi (MCD) schools may soon join the league. The MCD is also planning to introduce the same in its teaching department in order to keep a check on its staff. The civic body has already successfully implemented the system in all its other departments and plans the same for the educational purpose.

[http://www.indiaedunews.net/Delhi/
Now, MCD mulls Biometric attendance system for teachers 9943/](http://www.indiaedunews.net/Delhi/Now_MCD_mulls_Biometric_attendance_system_for_teachers_9943/)

Serbia Celebrates Visa-Free EU Travel

BELGRADE, Serbia, -- Serbs Saturday were celebrating the first day of being able to travel throughout most of the European Union without visas, observers said. Serbian officials marked the occasion by paying for European trips for 50 citizens aboard a plane that left Belgrade at midnight Saturday, just as the visa restrictions were expiring, Novinite reported. The news service said the 50 were selected through the "Europe for Everyone" project, chosen because they all showed "exceptional leadership skills and hard work in helping their communities." Under the new EU rules, citizens of Serbia, Macedonia and Montenegro can travel visa-free to all countries that have signed the Schengen Agreement, which includes most of the EU.

http://www.upi.com/Top_News/International/2009/12/19/Serbia-celebrates-visa-free-EU-travel/UPI-16151261247847/

British ID Card Program Meets Resistance

Reporting from Manchester, England - Angela Epstein is proud to be a card-carrying Brit. A freelance writer, Epstein was first in line here a few weeks ago to register for a voluntary national identification card -- the first such cards to be issued in this country since World War II. The pinkish rectangle of plastic nestles in her purse, close at hand whenever she needs to prove who she is. "I'm really proud to have one," said Epstein, 42, a lifelong resident of this northern city. "It says I'm a -British citizen. . . . Anything that has that on it is a source of pride to me." But what gives her pride gives others pause. For skeptics, the ID cards represent one more intrusion on their privacy, yet another government attempt to keep tabs on a citizenry that's already among the most monitored on Earth, thanks to the countless cameras mounted in public places.

<http://www.latimes.com/news/nation-and-world/la-fg-britain-id-cards21-2009dec21,0,2123665.story>

Meeting and Conference Dates

The 3rd International Conference on Ethics and Policy of Biometrics and International Data Sharing

In order to continue and enlarge to Asian actors the international dialogue on biometrics, data sharing, privacy and security issues already , the EU funded initiative RISE (Rising pan-European and International Awareness on Biometrics and Security Ethics), will organize in China the 3rd International Conference on ethics and policies of biometrics, on the 4th and 5th of January 2010. This high level event will be hosted by the Biometric Research Centre of the Polytechnic University of Hong Kong, one of the most geographically and strategically attractive location in Asia.

Dates: January 4-5, 2010

Location: The Hong Kong Polytechnic University, Hong Kong

<http://www.comp.polyu.edu.hk/conference/iceb/>

NDIA 2010 Biometrics Conference

The National Defense Industrial Association has signed a Charter with the Biometrics Task Force forming a committee of NDIA members, BTF staff, and other government agencies dealing with biometrics to support the government, specifically the BTF. One of the projects the NDIA Industrial Committee on Biometrics has been engaged in for the past 2 years is planning an annual Biometrics Conference. This conference will foster discussion focused on exploring steps toward creating an architecture to accommodate the use of biometrics to support current and future federal, state, local, international, and private sector missions. The conference theme, "The link between the Battlefield & Borders" is the challenge to "find the needle", those individuals who may do harm to Americans and the Nation, in the "national haystack" of data and agencies on foreign battlefields and within our borders. New technologies are moving key biometric data but bureaucratic stovepipes and walls remain.

Dates: January 20-21, 2010

Location: Sheraton National Hotel - Arlington, VA

<http://www.ndia.org/meetings/0860/Pages/default.aspx>

Winter 2010 Biometrics Summit

Attend the longest running, world renowned forum for advanced identification solutions including...Finger Print Technology, Iris Recognition, Smart Cards, and Vascular Biometrics. There will be over 20 innovative speakers who will share strategies and experiences in implementing biometrics. Register by December 8th to receive a discount.

Dates: February 22-25, 2010

Location: Miami, FL

http://www.aliconferences.com/conf/biometrics_summit_winter10/index.htm

West Virginia Biometrics Initiative
714 Venture Drive # 193
Morgantown, WV 26508-7306

Questions or comments, please email us at:
mdkirkpatrick@wvbiometrics.org



This newsletter brought to you by the I-79 Development Council.