

## West Virginia Biometrics and Identity Management Newsletter

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Issue Date: December 7, 2009

### **Cognitec Systems Software Selected for AmberVision Child Identification Program; AMBER Alert System Enhanced with Face Recognition Technology to ID Missing Children**



Dresden/Miami, - Cognitec Systems, - a leader in face recognition technology and systems, is pleased to announce its selection by SecurLinx of Morgantown, WV, as the face recognition provider for AmberVision, a new service that augments existing AMBER Alert systems nationwide. Cognitec's software is being deployed within AmberVision. The service enables law enforcement to more quickly identify missing children by electronically distributing photographs, developing 2D and 3D images of victims, and verifying the identities of missing children using face recognition software.

<http://www.findbiometrics.com/industry-news/i/7570/>

### **WVBI Web Site Now Links to NCWV Employment Opportunities**

The West Virginia Biometrics Initiative Web site is now listing employment opportunities with biometrics/identity management, technology, and consulting companies doing business in West Virginia. To learn how your company can be linked to our site, contact Bob McLaughlin at (304) 677-9961 or [rmclaughlin@i79developmentcouncil.com](mailto:rmclaughlin@i79developmentcouncil.com). This is a great time to "come home to West Virginia" due to the vibrant and expanding technology sector in north central West Virginia (NCWV). Contrary to most parts of the country, many companies in NCWV have the "Help Wanted" sign out. To view job opportunities, go to <http://www.wvbiometrics.org/links/west-virginia-companies-employment-pages/>.

### **U.S. Planning Permanent International Trusted Traveler Program**

The U.S. Department of Homeland Security's Customs and Border Protection agency through 19 January 2010 will gather public comments on its proposal to make permanent and expand a voluntary international trusted traveler program. Launched as a pilot in June 2008 and expanded in August 2009 to cover 20 U.S. airports, Global Entry "would allow CBP to expedite clearance of preapproved, prescreened, low-risk air travelers into the United States." DHS in a notice of proposed rulemaking published 19 November in the Federal Register described the pilot as "successful" and wrote that it expects Global Entry to "eventually operate at most major international airport locations."

<http://www.thetransnational.travel/news.php?cid=international-trusted-traveler-program-permanent.Nov-09.24>

### **Biometrics Becoming the Norm for Aussie Banking**

Australian banks are taking a closer look at biometric authentication as a means of reducing fraud, thanks to an improved business case, increased consumer concerns about personal data and some impressive breakthroughs in technology. In June, National Australia Bank became the first Australian bank to roll out a biometric-based solution for customer authentication, implementing a voice-based system for telephone banking customers. Tim Cullen, head of direct channels with NAB, said the voice authentication has "far exceeded expectations."

<http://www.itnews.com.au/News/161731,biometrics-becoming-the-norm-for-aussie-banking.aspx>

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## **Clinical Trials: Biometric ID Might be a Must (India)**

The central government is planning to mandate biometric identification for clinical trial volunteers in the country to bring in global standards and to weed out unethical practices in the industry, which is less than a decade old. Clinical trials are essentially research studies to test the safety and efficacy of a new drug by administering it on healthy human volunteers and patients. Unlike other forms of identification, biometric identification - which relies on the unique physical characteristics of a person, like the iris of the eye or a fingerprint - is almost impossible to fudge.

The Ministry of Health and Family Welfare plans to ask all clinical research organisations to enforce biometric identification for the volunteers they recruit for their clinical trials, according to officials at the ministry. Data from the trials will then have to be made available for scrutiny by regulators, civil society groups and the clinical trial industry, they said.

<http://business.rediff.com/report/2009/dec/04/clinical-trials-biometric-id-might-be-a-must.htm>

## **Assam to Use Biometric Cards for Wage Disbursement under NREGA**

The Assam Government has decided to use biometric card system, one of the latest tools of Information and Communication Technology (ICT) for disbursement of wage under the NREGA (National Rural Employment Guarantee Act)'s scheme implementation. Thus, Assam would be the second state in the country after Andhra Pradesh to use biometric card system' for wage disbursement under NREGA implementation.

Assam Panchayat and Rural Development minister Chandan Brahma disclosed this here on Tuesday. According to him, in view of huge size of the NREGA programme it is necessary to make best use of latest Information and Communication Technologies (ICT) and the facility would help in ensuring effective implementation and proper management of the Programme but will also bring transparency and thereby credibility.

<http://www.topnews.in/assam-use-biometric-cards-wage-disbursement-under-nrega-2241528>

## **Growing Outrage Over Dutch Fingerprint Database**

Amsterdam - More than 3,000 people in the Netherlands have signed a petition demanding that the government overturn a law enabling it to store the fingerprints of all Dutch citizens in a central electronic database. Since September 21, everyone applying for a Dutch passport is obligated to provide four fingerprints for storage in a database that is accessible to municipal authorities, the national intelligence service AIVD and the Justice Department. A group, calling itself Het Nieuwe Rijk (The New Empire) launched the online petition late Tuesday and has also distributed brochures in Amsterdam, Rotterdam, The Hague and Utrecht, comparing the move to administrative methods used by Nazis during World War II to persecute Jews.

<http://www.jewishberkshires.org/page.aspx?id=210925>

## **IdentiPHI Provides Solution for Pharmacy Benefit Manager**

IdentiPHI, a developer of biometric systems, has implemented a biometric access control solution for a leading pharmacy benefit manager in the U.S. The system they installed, their SAFsolution 5 Enterprise Edition, also includes the Verifi P4000 and P5000 fingerprint readers from Zvetco Biometrics. The system, as it was installed, is capable of password administration, securing computers used by multiple people, better secure the PBM's network and support 10,000 users. Officials from identiPHI point the recent adoption of such biometric systems in various industries to the increasing need for better security of private data such as this PBM's sensitive patient files.

<http://www.digitalidnews.com/2009/11/24/identiphi-provides-solution-for-leading-pbm>

## Asia-Pacific Biometric Market to Grow at 27% CAGR

Biometrics is witnessing rapid adoption by both public and private sectors worldwide as an accurate, reliable and cost-saving way to offer better and advanced security surveillance. Over the years, the biometric technology has developed from a new technology used in a narrow band of closed environment applications to a useful, practical, fit-for-purpose tool used across a wide range of industries. According to our market research report "Global Biometric Forecast to 2012", the global biometric market is forecasted to grow at a CAGR of around 18% during 2010-2012.

Our team of experts has carried out an extensive research and analysis to identify the present and future trends of biometrics at regional level. Various geographical regions covered in the analysis are North America, Asia-Pacific, Europe, Middle East & Africa and South America. Our research identifies that Asia-Pacific will witness one of the fastest adoption of biometrics globally. The research projects that the Asia-Pacific biometric market will grow at a CAGR of over 27% during forecast period to exceed the value of US\$ 2 Billion by 2012 end.

<http://www.findbiometrics.com/industry-news/i/7552/>

## Sony To Release FVA-U1 USB-Based Mofiria Finger Vein Authentication Device

Sony Japan has announced they are bringing a device based on Mofiria technology to the market on December 18th. The USB-based FVA-U1 is a tamper resistant authentication device, similar to a fingerprint scanner, except it scans the veins in your fingers. Compared to the other biometric authentication techniques, vein authentication technology achieves higher accuracy on personal identification and forgery resistance because it uses the veins inside the human body. Finger vein patterns differ from person to person, each finger to finger, and it is said that they do not change over the years. Mofiria technology uses a unique method where a CMOS sensor diagonally captures scattered light inside the finger veins. The vein pattern is quickly and accurately extracted from the captured finger vein image without a fixed finger position – ensuring it will be very easy to scan your finger vein pattern. Sony will also be providing a SDK for Mofiria technology, and has stated this is network compatible.

<http://www.sonyinsider.com/2009/11/30/sony-to-release-fva-u1-usb-based-mofiria-finger-vein-authentication-device/>

## Thanks to \$10,000 Grant, Davis Officials See Iris Scanning as a Way to Protect the Public

FARMINGTON -- The possibility of releasing the wrong inmate from jail is a daily nightmare for one Davis County sheriff's officer. That is why adding a biometric system to identify inmates is a blessing, said Chief Deputy Bob Yeaman. "It has only happened once in my 20 years here, but that's one time too many," he said about releasing the wrong inmate a year ago. Inmates are released because they either post bail or are released by a court order. A miscommunication between the Board of Pardons and the jail allowed the inmate to be released, but the man was rearrested two days later.

<http://www.standard.net/topics/business/2009/11/30/thanks-10000-grant-davis-officials-see-iris-scanning-way-protect-public>

## Biometrics in Movies: Fact or Fiction

A man frantically runs up to a massive steel door, the papers he's holding fly every which way. He scans his hand, foot, tongue, both elbows, and...his butt. The steel door slides open...

Concerning biometrics, the line between what is fact and what is fiction on the big screen can be fuzzy to the lay person.

The scene described above from the 2009 DreamWorks/Paramount Pictures animated film *Monsters vs. Aliens* depicts biometrics being used for physical access. This much is fact. Securing the facility is accomplished by requiring verification of this person's identity. Additionally, in the real world, hand geometry scans are employed in security measures

as a means of verification. However, modalities such as the foot, tongue, elbows, and lastly, the butt, are not tools that are used to secure bases, facilities, computer systems, and the like.

[http://www.biometrics.dod.mil/Newsletter/issues/2009/Sep/v5issue3\\_Tech.html](http://www.biometrics.dod.mil/Newsletter/issues/2009/Sep/v5issue3_Tech.html)

## **Immigration Canada - Biometrics to Become Mandatory**

By 2011, international students intending to study in Canada will be expected to provide biometric-fingerprints and photos along with their application. This new plan will require digital fingerprints at the application period rather than at the entry stage. Although the new biometrics plan isn't expected to be fully enforced until 2013, Citizenship and Immigration Canada (CIC) thinks that it will certainly help reduce identity theft and increase the safety and security of Canadians.

[http://www.migrationexpert.com/canada/visa/canadian\\_immigration\\_news/2009/dec/0/644/immigration\\_canada\\_-\\_biometrics\\_to\\_become\\_mandatory](http://www.migrationexpert.com/canada/visa/canadian_immigration_news/2009/dec/0/644/immigration_canada_-_biometrics_to_become_mandatory)

## **No Biometric Cards a Year after 11/26**

State yet to issue unique identity cards to fishermen, a year after LeT operatives exposed lax security by travelling to Mumbai in a Veraval-based trawler; cards will ensure against port entry of unidentified persons. The state government's ambitious project to issue biometric cards to fishermen has failed to take off a year after its announcement.

In fact, the state is yet to begin the tendering procedure for the issuance of such cards. Soon after 26/11, the state government had taken a decision to issue the cards to around five lakh fishermen in the state to easily identify crew members who set out in fishing trawlers.

<http://www.ahmedabadmirror.com/index.aspx?page=article&sectid=3&contentid=20091130200911300322475403f8721f8&sectxslt=>

## **Smart Wallet Secures Items with Biometrics**

A new "smart" wallet called iWallet will be released later this month, according to a DVICE article. The wallet comes with a multitude of security features, amongst which include biometric locking. The wallet has an embedded fingerprint scanner that unlocks the wallet enabling it to be opened for access to its contents. In addition to the biometric security, the wallet also has a Bluetooth feature that sends out a squealing alarm should it be more than 15 to 30 feet away from the owner's mobile phone. The wallet comes in three varieties where the carbon fiber or kevlar and carbon fiber mix costs \$600 and a fiberglass option costs \$299.

<http://dvice.com/archives/2009/12/carbon-fiber-iw.php>

## **Now, City Cops to get Biometric IDs**

NEW DELHI: In what could be termed as the first initiative to ensure security for its own staff, the Delhi Police's 77,000-strong force might well get a world-class, nanotechnology-based, non-cloneable identity card before the commencement of Commonwealth Games 2010. According to a senior official, the new I-cards — that will be known as smart cards — would be issued to all personnel in the next three months. The decision to furnish such digital cards to the policemen was taken keeping in mind the seriousness of the Commonwealth Games and the fact that criminals have been forging the officers' existing ID cards and misusing them.

<http://timesofindia.indiatimes.com/city/delhi/Now-city-cops-to-get-biometric-IDs/articleshow/5306706.cms>

# Meeting and Conference Dates

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## WVDEC ExporTech Conference

ExporTech - "Doing Business in the Americas" is a two-day, intensive education program designed to jump start your export growth in Latin America and other foreign markets. Through a combination of expert speakers, and small group discussions - combined with real world company research on what separates the most successful exporters from the rest - this program will help you answer key strategic questions about how to grow your business in Latin America and other international markets.

**Dates:** December 7-8, 2009

**Location:** The Greenbrier, White Sulphur Springs, WV

<http://www.buyusa.gov/westvirginia/exportech.html>

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

In order to continue and expand to those in Asia interested in the international dialogue on biometrics, data sharing, privacy and security issues already started by the two previous conferences held in Brussels (2005) and Washington (2006), the EU funded initiative RISE (Rising pan-European and International Awareness on Biometrics and Security Ethics), will organize the 3rd International Conference on ethics and policies of biometrics in China, 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 locations in Asia.

**Dates:** January 4-5, 2010

**Location:** The Hong Kong Polytechnic University, Hong Kong

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

## 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 8<sup>th</sup> to receive a discount.

**Dates:** February 22-25, 2010

**Location:** Miami, FL

[http://www.aliconferences.com/conf/biometrics\\_summit\\_winter10/index.htm](http://www.aliconferences.com/conf/biometrics_summit_winter10/index.htm)

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