

West Virginia Biometrics and Identity Management Newsletter

Issue Date: June 28, 2010

NBSP Releases Latest Summary of Published and Emerging Biometric Standards

NBSP today announced the availability of its latest update of published and emerging biometric standards. Seventeen new and/or updated standards were published since the last update issued in September 2009, bringing the total number of published standards to 111. The report details these, along with another 95 emerging standards currently under consideration.



<http://nationalbiometric.org/downloads/standards-march-2009.pdf>

WVBI to Host Forum on Using the Media to Grow Your Business on July 29th

West Virginia University Widmeyer Communications Professor Diana Knott Martinelli will be the featured presenter at the West Virginia Biometrics Initiative-sponsored forum on "Using the Media to Grow Your Business." Dr. Martinelli will discuss the use of both traditional and "new" media. The forum will be at 3:00pm on July 29, 2010, at the West Virginia High Technology Consortium Foundation's Research Center auditorium located at 1000 Gallihier Drive, Fairmont, WV. No reservations are required. Please contact WVBI executive director Mike Kirkpatrick at (304) 594-9004 or mdkirkpatrick@wvbiometrics.org if you have any questions.

WV Angel Network Now Supporting Local Entrepreneurs

Under the guidance of I-79 Development Council president Bob McLaughlin and consultant Ron Basini, a group of "angel" investors have banded together to form the West Virginia Angel Network (WVAN). The WVAN will make high risk, potentially high return investments in West Virginia start-up and early stage companies. The WVAN is looking for additional angel investors. West Virginia-headquartered companies interested in obtaining angel investment can go to www.wvangel.net for additional information and to apply.

Learn How to Use Workforce West Virginia to Grow Your Business on July 29th

July 29th is a "two-fer" Thursday courtesy of the West Virginia Biometrics Initiative! At the conclusion of West Virginia University Professor Diana Knott Martinelli's forum on "Using the Media to Grow Your Business," Vicki Jobin, Business Consultant with Workforce West Virginia, will present a program on how to use Workforce West Virginia to grow your business. Ms. Jobin's presentation will begin at approximately 4:00pm on July 29, 2010, at the West Virginia High Technology Consortium Foundation's Research Center auditorium located at 1000 Gallihier Drive, Fairmont, WV. No reservations are required. Please contact WVBI executive director Mike Kirkpatrick at (304) 594-9004 or mdkirkpatrick@wvbiometrics.org if you have any questions.

Wanted: A better system for intelligence collection

The research organization for U.S. intelligence agencies is looking to fund projects designed to yield revolutionary innovations in intelligence collection. That organization, the Intelligence Advanced Research Projects Activity (IARPA), has asked industry and academia through a Broad Agency Announcement (BAA) to propose research that dramatically improves the value of collected data. IARPA said it plans to give out multiple awards for the research and isn't interested in research for topics that are already being covered by ongoing IARPA programs. The effort is being run by IARPA's Office of Smart Collection. The office is one of three parts of IARPA that handles that organization's high-risk, high-payoff research.

<http://fcw.com/articles/2010/06/21/web-iarpa-intell-research.aspx>

Cognitec biometric systems get high marks

Cognitec Systems' face- and retinal-recognition technologies showed "outstanding performance" in tests for a U.S. government entity, the company reported. Cognitec, in a news release, said the independent Multiple Biometric Evaluation (MBE) was conducted by the U.S. National Institute of Standards and Technology and measured the performance of face-recognition algorithms of systems by leading companies in the biometric identification field. The MBE is generally considered the successor independent evaluation platform to the Face Recognition Vendor Tests 2002 and 2006, which were earlier independent biometric evaluations performed by NIST. The purpose of this initial test stage of MBE, known as MBE-STILL, was to measure and compare the recognition performance of face recognition algorithms provided by market-leading commercial companies and certain research centers on still images.

http://www.upi.com/Business_News/Security-Industry/2010/06/22/Cognitec-biometric-systems-get-high-marks/UPI-82101277219626/

Research Studies Focus on Biometric Security, Database Privacy

International Biometric Group (IBG) announced that it has received two research awards under the Defence Research and Development Canada (DRDC) Public Security Technical Program (PSTP). IBG will work with a consortium of government, academia, and industry partners to evaluate, analyze and implement biometric technologies that enhance national security. The first project, managed by lead agency Communications Security Establishment Canada (CSEC), who is responsible for ensuring the protection of electronic information of importance to the Government of Canada, will evaluate links between system performance and security for biometric technologies. Deliverables to DRDC will provide guidance for the deployment of biometric and identity management systems across the Government of Canada.

http://7thspace.com/headlines/348564/research_studies_focus_on_biometric_security_database_privacy.html

White House to unveil revised ID management plan Friday

The White House on Friday will release the second draft of a plan for managing identities in cyberspace, President Obama's cyber chief said during a conference in Washington. The latest version of the National Strategy for Trusted Identities in Cyberspace will build on existing efforts to ensure people, organizations and computers are who they claim to be on the Internet, according to Howard Schmidt, White House cyber coordinator. Those include the George W. Bush administration's Homeland Security Presidential Directive 12, which established a common identification standard for federal employees and contractors to access government buildings and computers, and a requirement to add authentication tools to federal websites to prevent hackers from hijacking Internet traffic and redirecting it to bogus sites.

http://www.nextgov.com/nextgov/ng_20100622_4813.php

'iPhone on Steroids' Gives Law Enforcement a Biometric Boost

Plymouth County, Mass., Sheriff Joseph McDonald calls the county's latest crime-fighting tool "an iPhone on steroids." A fitting description for the device, which he said enhances and strengthens the ability of law enforcement officers to identify suspects and retrieve their criminal records in seconds by capturing biometric data. "The technology is a game-changer," McDonald said. "It's going to enable officers to really get a handle on who the bad guys are, and make it more difficult for these bad guys to hide from us."

<http://www.govtech.com/gt/765661?topic=117680>

National Population Register to start biometrics data collection from December

The National Population Register (NPR) will start collecting biometric data of the country's entire adult population between December 2010 and January 2011. NPR will be the biggest biometric database — including face, fingerprint and iris recognition of the over 1 billion Indian population — that has ever been made. The Unique Identification Authority of India (UIDAI) has been established by the government to implement the scheme and assign unique numbers to all citizens. "We have an agreement with the Registrar General of India that the NPR exercise under the 2011 census would collect biometrics data as well. At present we are in the first phase of NPR which gets the basic information of an individual. In the second phase we will collect the biometrics data. This will start sometime around December 2010 and January 2011," said R S Sharma, director general UIDAI.

<http://www.business-standard.com/india/news/national-population-register-to-start-biometrics-data-collectiondec/399135/>

Development Of Multi-biometrics System Capability Will Drive Dynamic Signature Verification Market

In an increasingly insecure and atrocity ridden world, there is a more pressing need than ever before, to protect businesses against fraudulent activities, misappropriation, and embezzlements. The need for advanced identity management solutions at competitive prices is therefore acute in a myriad range of applications and vertical markets. Earlier it was only the large and medium sized private financial institutions and banks that were on the risk radar, but today the situation appears to have changed dramatically. Not only are the smaller, low stake businesses and banks also at equal jeopardy, but frequently even more so as the level of security is relatively less stringent. Therefore, the most obvious need of the hour is to immediately put in place and incorporate highly sophisticated, yet economical and effective authorization and verification measures for personal, business, data and transaction protection.

http://www.officialwire.com/main.php?action=posted_news&rid=166701

Biometrics secure Socceroo fans in Durban

South Africa is generally perceived as a dangerous country, which was one of the factors that led the Fanatics site manager Phil VB to opt for biometric entrance gates. "We had to say to the Australians that Durban is safe and we need to create that environment within the stadium ... we have done that with the fingerprint scan," he said. Six fingerprint scanners were rented from a local supplier for the duration of the World Cup, which VB said was by far the most cost effective solution. He, however, declined to say exactly how much the implementation cost.

http://www.zdnet.com.au/biometrics-secure-socceroo-fans-in-durban-339304027.htm?feed=rss&utm_source=twitterfeed&utm_medium=twitter&omnRef=NULL

New Strategy Prioritizes Immigration Enforcement Actions Against Convicted Criminal Aliens in Virginia

U.S. Immigration and Customs Enforcement (ICE) announced Secure Communities was activated as of last week in every county in the Commonwealth of Virginia. This biometric information sharing strategy enables ICE to identify any alien booked into local law enforcement's custody for a crime. This capability is part of ICE's comprehensive strategy to improve and modernize the identification and removal of criminal aliens from the United States. Formerly, during the booking process, arrestees' fingerprints were checked for criminal history information only against the biometric database maintained by the FBI. With the implementation of Secure Communities, this fingerprint information is now automatically and simultaneously checked against both the FBI criminal history records and the biometrics-based immigration records maintained by the Department of Homeland Security (DHS). If any fingerprints match those of someone in the DHS biometric system, the new automated process notifies ICE.

[http://beforeitsnews.com/news/82/993/
New_Strategy_Prioritizes_Immigration_Enforcement_Actions_Against_Convicted_Criminal_Aliens_in_Virginia.html](http://beforeitsnews.com/news/82/993/New_Strategy_Prioritizes_Immigration_Enforcement_Actions_Against_Convicted_Criminal_Aliens_in_Virginia.html)

Emerging biometric technologies poised for growth

In a Web briefing conducted Friday, Navin Rajendra, electronics and security industry analyst at Frost & Sullivan, said fingerprint scanning accounted for 73 percent of biometrics revenue in the Asia-Pacific market last year. The rest of the biometrics market went primarily to facial recognition, iris scanning, palm vein scanning and voice recognition, at 14 percent, 6 percent, 4 percent and 2 percent, respectively. This emerging section of the pie is expected to grow, thanks to technological advances resulting in smaller form factors, lowered costs and integration with one another, said Rajendra. This integration can be seen in use cases such as immigration checkpoints where an individual may get both his fingerprints and facial features scanned. This ensures a more secure check with two layers of security, while keeping costs down by employing two comparatively affordable technologies, explained the analyst. He noted that while iris recognition is more accurate compared with fingerprinting or face scanning, the former comes at a greater deployment cost.

<http://www.zdnetasia.com/emerging-biometric-technologies-poised-for-growth-62201018.htm>

Meeting and Conference Dates

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Date: July 29, 2010

Time: 3:00pm

Location: West Virginia High Technology Consortium Foundation's Research Center
1000 Galliher Drive, Fairmont, WV

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2010 Biometric Consortium Conference & Technology Expo

Supported by the National Institute of Standards and Technology (NIST) and the National Security Agency (NSA), the Biometrics Consortium Conference is focused on Biometric Technologies for Defense, Homeland Security, Identity Management, Border Crossing and Electronic Commerce. The Conference will be two and a half days of presentations, seminars and panel discussions with the participation of internationally recognized experts in biometric technologies, system and application developers, IT business strategists, and government and commercial officers.

Dates: September 21 - 23, 2010

Location: Tampa, Florida

<http://www.biometrics.org/>

IEEE Fourth International Conference on Biometrics: Theory, Applications and Systems (BTAS 10)

The IEEE Fourth International Conference on Biometrics: Theory, Applications and Systems (BTAS 10) is the premier research meeting focused on biometrics. Its broad scope includes advances in fundamental pattern recognition techniques relevant to biometrics, new algorithms and / or technologies for biometrics, analysis of specific applications, and analysis of the social impacts of biometrics technology. Areas of coverage include biometrics based on voice, fingerprint, iris, face, handwriting, gait and other modalities, as well as multi-modal biometrics and new biometrics based on novel sensing technologies.

Dates: September 27- 29, 2010

Location: Washington, DC

http://www.cse.nd.edu/BTAS_10/

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