

West Virginia Biometrics and Identity Management Newsletter

Issue Date: June 7, 2010

EBF Biometrics Award Supports Essential Biometric Research In Europe

Following the success of the fourth dedicated European Biometrics Award last year which encourages on-going essential research in biometrics, the European Biometrics Forum (EBF) is launching its fifth EBF European Biometric Research Award 2010. This prestigious and established award is made annually to an individual who has been judged by a panel of internationally respected experts to be making a significant contribution to the field of biometrics research in Europe. Senior PhD students in biometrics are invited to apply for the award. The deadline for submission of papers is 20 August 2010.



<http://www.findbiometrics.com/industry-news/i/8058/>

Scanning Veins In Fingers To Prevent Fraud

SIoux FALLS, SD -- Health insurance fraud is estimated to cost \$80 billion every year in the United States. With new health care reform covering more Americans, the chances for more fraud could go up. But a Sioux Falls benefits provider is turning to a new technology to prevent that fraud. "It's like a fingerprint. It's just another level if you would," Mike Hagan with Hagan Benefits Inc. said. Biometric scanning of the veins in the finger is the next wave of technology for identifying patients.

<http://www.keloland.com/News/NewsDetail6376.cfm?Id=100825>

Next-gen Secure Travel Documents

The Government of India's Passport Seva project will streamline the process of distributing tamperproof e-passports. The project aims to issue passports within three days of police verification being completed. India is in the process of switching over to e-passports (globally referred to as biometric e-passports). These biometric e-passports would have a chip that contains the photograph, fingerprint, images of both the irises and personal information about the holder so that the entire process of immigration is simplified. These e-passports will be harder to duplicate (nothing is foolproof; eventually the bad guys will catch up) and will reduce instances of malpractices. E-passports are already being used by key Indian diplomats from 2008 onwards.

<http://www.expresscomputeronline.com/20100607/egovernancespecial02.shtml>

WVU Approves \$904 Million Budget

Approved \$536,300 in new Research Trust Fund contributions for submission to the Higher Education Policy Commission's vice chancellor for science and research for state matching funds, bringing to \$13.34 million the total of private and state dollars combined in investments in key research areas. The Research Trust Fund was created in 2008 to leverage public and private investments that will help transform West Virginia's economy by supporting expansions to research faculty and infrastructure in key areas linked to economic development, health care and job growth. Those areas include energy, nanotechnology, biosciences and biometrics.

<http://www.wvmetronews.com/index.cfm?func=displayfullstory&storyid=37410>

Sagem Sécurité Renamed Morpho

Sagem Sécurité (Safran group) is changing its name today to "Morpho". The new name reflects the company's objective of consolidating all security businesses within the Safran group under a single name. "The name 'Morpho' is anchored in our culture and embodies our corporate values and successful track record," said Jean-Paul Jainsky, Chairman and CEO of Morpho. "At the same time, it marks a major new stage in our history, fully in line with the recent creation of our subsidiaries MorphoTrak and Morpho Detection.

<http://www.morphodetection.com/press-and-events/press-releases/article/sagem-securite-renamed-morpho>

Sagem Sécurité Ranked #1 In Fingerprint-Based Authentication by National Institute of Standards & Technology

Sagem Sécurité (Safran group), announced today that its fingerprint-based personal authentication technology was ranked #1 in the Proprietary Fingerprint Testing (PFT)* competition organized by the National Institute of Standards & Technology (NIST), the global benchmark for the measurement of biometric algorithms. Sagem Sécurité has more than 35 years of experience in automated fingerprint recognition technologies. Through its participation in NIST tests, Sagem Sécurité plays a major role in the development of biometric technologies.

http://www.nist.gov/itl/iad/ig/pft_2003.cfm

Saeco Xelsis Digital ID Biometric Coffee Machine

If you like your coffee with a side of biometrics of a morning, Saeco's Italian Xelsis Digital ID coffee machine might be just the thing you're looking for to add to your high-tech kitchen. A large-scale device for those who are serious about their caffeine intake, the Italian Xelsis Digital ID coffee machine – showcased over on Born Rich – is designed to allow the well-heeled individual to program their favorite beverage into its on-board controller and tie it to their fingerprint – meaning no poking at fiddly controls or peering at the small color display before your eyes have entirely focused in the morning.

<http://www.geekwithlaptop.com/saeco-xelsis-digital-id-biometric-coffee-machine>

Australia Reveals Possibility of Federal Employee Biometric Program

A senior national security official for Australia's Department of Prime Minister and Cabinet (PM&C) has revealed the possibility of expanding Centrelink's internal smart card program to include all federal employees as well as adding biometrics to the program, according to an MIS Australia article. Some of the biometric modes being considered for inclusion in the potential program include facial recognition, fingerprints and iris recognition.

<http://www.digitalidnews.com/2010/06/02/australia-reveals-possibility-of-federal-employee-biometric-program>

The key to the future lies in this man's hands

WHEN Amal Graafstra wants to check email, he signs on to his computer with a flick of the wrist. Inside the webbing between his thumb and forefinger, a microchip the size of a grain of rice verifies his identity through an electronic reader and unlocks the PC. The IT expert can unlock his car or start his motorcycle the same way. But the "killer app" comes into play when he returns from work, perhaps with groceries in each hand. "As soon as I stand by the door, I can just nudge my hand against the reader panel, which is right by the doorknob, and it unlocks," he says. No fumbling or juggling, no aiming a key in the dark. He simply walks in.

<http://www.smh.com.au/technology/technology-news/the-key-to-the-future-lies-in-this-mans-hands-20100604-xklu.html>

Hong Kong CIO shares biometrics deployment tips

CIO of the Hong Kong Housing Authority (HKAA), Raymond Chu, speaks with CIO about the recent use of biometric technology in the department. In Sydney for the Voice Leadership Forum, Chu said his organization has moved from simply using fingerprints for identifying staff to facial recognition devices. "Many technologies can deliver services, but when you look at biometrics it does give us some form of true identities. We've been using facial recognition and fingerprints to identify people but when you look at biometrics, it is less intrusive and people feel a bit more comfortable with it," Chu said.

http://www.cio.com.au/article/348788/hong_kong_cio_shares_biometrics_deployment_tips/

Finger Vein Recognition

Finger vein recognition is a recent biometric advance which allows for the identification of individuals by detecting the unique vein patterns on the finger. It is a highly efficient and reliable method, requiring only a single chip design, which in turn results in relatively small and inexpensive units. It also boasts impressively low False Rejection and False Acceptance rates. Its reliability derives largely from the unchanging nature of the vein pattern, which alters only in size over time, and so makes the technology virtually impossible to outsmart. The identification verification process itself is swift, and requires no contact. A light transmission technique is employed which detects and captures the unique vein pattern on an individual's finger.

http://www.articlealley.com/article_1587620_45.html

Identity cards scheme will be axed 'within 100 days'

Legislation to axe the scheme will be the first put before parliament by the new government - with a target of it becoming law by August. The 15,000 people who voluntarily paid £30 for a card since the 2009 roll out in Manchester will not get a refund. Ms. May said ID card holders would at least have a "souvenir" of the scheme. The Labor scheme was aimed at tackling fraud, illegal immigration and identity theft - but it was criticized for being too expensive and an infringement of civil liberties. The cards were designed to hold personal biometric data on an encrypted chip, including name, a photograph and fingerprints. The supporting National Identity Register was designed to hold up to 50 pieces of information.

http://news.bbc.co.uk/2/hi/uk_news/politics/8707355.stm

Oklahoma Blood Institute to Leverage BIO-key Breakthrough TruDonor Fingerprint Donor

BIO-key International, Inc. announced Oklahoma Blood Institute will deploy BIO-key's TruDonor biometric identification technology to enhance the convenience and security for blood donors later this year. Oklahoma Blood Institute (OBI), the twelfth largest non-profit regional blood center in America is incorporating BIO-key's patented fingerprint identification solution to provide blood donors with a fast and convenient method to establish their identity. This solution automates the donor check in process and protects donor privacy by eliminating the need for donors to produce sensitive identification forms, such as driver licenses or social security numbers. With just the simple touch of the donor's finger the software can search the OBI database to provide positive ID, reducing the check-in time and virtually eliminating human errors during the check-in process.

<http://www.findbiometrics.com/industry-news/i/8059/>

Coast Guard biometrics put brakes on illegal immigration

Lt. Brian Betz, commanding officer of the Coast Guard Cutter Key Largo, focuses his binoculars on a small craft a mile off the port side of his 110-foot island-class patrol boat as it navigates the choppy waters of the Mona Passage, the dangerous strait between Puerto Rico and the Dominican Republic. Betz, the Coast Guard's most experienced captain in these waters, is satisfied: The boat anchored just off Desecheo Island about 10 miles from Puerto Rico's west coast belongs to a recreational scuba-diving outfit based in Mayagüez. He orders a change in course to nose the Key Largo into the swells and prepares his crew for one of their frequent interdiction drills. A combination of tougher policies, new biometric technology and groundbreaking interagency cooperation have helped slash the number of migrants from the Dominican Republic interdicted by the Coast Guard in the Mona Passage — from 5,014 in 2004 to 727 in 2009. The procedures have been extended to the Florida Straits, and with additional funding, they could be deployed elsewhere.

http://fcw.com/articles/2010/05/24/feat-coast-guard-biometrics.aspx?admgarea=TC_GOV20

UIDAI: Brand for a billion

Never before has a new brand found itself faced with the task of targeting 1.2 billion Indians. Perhaps never has a government allotted an operational budget of Rs 1,900 crore merely to get the infrastructure in place during its launch phase. And yes, it is a new concept that has to be communicated across the country - including in places where mass media doesn't reach. With government backing, some fine minds working on it, and a humungous task -- both conceptually and in execution -- ahead, Aadhaar - as the Unique Identification Authority of India (UIDAI) has branded its nationwide identity verification project - is on its way to becoming India's largest communication campaign ever.

http://www.afaqs.com/perl/news/story.html?sid=27253_UIDAI:+Brand+for+a+billion

UK School Replaces Library Cards for Kids with Fingerprint Scans

We already know that biometrics could provide some useful new tools for [identifying approaching threats](#) or tracking people [moving through crowds](#). But what about checking out books from a children's library? A Manchester UK primary school is testing out just such a scheme, having children as young as four years old [scan their fingerprints](#) as ID for checking books in and out of the school's library. Not surprisingly, parents and privacy groups have a huge problem with children's biometric data being so cataloged --not to mention the precedent it sets.

<http://www.popsci.com/technology/article/2010-06/uk-school-replaces-library-cards-fingerprint-scans-kids-young-four>

Meeting and Conference Dates

Training for Classified-Eligible Employees

Through a sponsorship by the Affiliate Leadership Council ("ALC") and the WVHTC Foundation, a training for classified-eligible employees is scheduled for Tuesday, June 15th from 9:00a to 12:00 noon. This training will focus on: SSP and SSM Best Practices; COMSEC/COMPUSEC, Technical and Non-technical Controls and Countermeasures; Physical, System and Data Access Controls; Data Encryption; Information Operations; DCID, JFAN and DIA-CAP Certification and Accreditation and General Safeguarding Requirements. This session should fully satisfy the annual training requirements for classified-eligible employees

Dates: Tuesday, June 15, 2010
Time: 9:00 a.m. - 12:00 p.m.
Location: Fairmont, WV

<http://registration.wvhf.org/Registration/Entry.aspx?EventID=8>

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. The conference will be held September 21 - 23, 2010 at the Tampa Convention Center, Tampa, Florida U.S.A.

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. Submissions will be rigorously reviewed, and should clearly make the case for a documented improvement over the existing state of the art. Experimental results for contributions in established areas such as voice, face, iris, fingerprint, and gait are encouraged to use the largest and most challenging existing publicly available datasets.

Dates: September 27- 29, 2010

Location: Washington, DC

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

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