

West Virginia Biometrics and Identity Management Newsletter

Issue Date: April 26, 2010

SBA honors Azimuth CEO Craig Hartzell

MORGANTOWN, W.Va. -- Azimuth Inc. President and CEO Craig Hartzell is the U.S. Small Business Administration's Small Business Person of the Year in West Virginia. Hartzell founded Azimuth, a Morgantown-based defense contractor. The company has operations Morgantown, Fairmont, Maryland, Virginia, Florida and North Carolina and employs nearly 100 workers.



<http://www.dailymail.com/Business/201004220485>

[Jain & Ross' fusion paper tops PRL's Most Downloaded list](#)

User verification systems that use a single biometric indicator often have to contend with noisy sensor data, restricted degrees of freedom, non-universality of the biometric trait and unacceptable error rates. Attempting to improve the performance of individual matchers in such situations may not prove to be effective because of these inherent problems. Multibiometric systems seek to alleviate some of these drawbacks by providing multiple evidences of the same identity. These systems help achieve an increase in performance that may not be possible using a single biometric indicator. Further, multibiometric systems provide anti-spoofing measures by making it difficult for an intruder to spoof multiple biometric traits simultaneously. However, an effective fusion scheme is necessary to combine the information presented by multiple domain experts. This paper addresses the problem of information fusion in biometric verification systems by combining information at the matching score level.

http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V15-48N31PN-8&_user=768492&_coverDate=09%2F30%2F2003&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&_view=c&_acct=C000042518&_version=1&_urlVersion=0&_userid=768492&md5=f44de8550c511bf50dc5b8857debb6c

Immigration reform could lead to biometric Social Security card

Frustrations over E-verify worker system have spawned high-tech solutions

Because she was born in Chicago, Karen Peisker never imagined her bosses at United Parcel Service would suddenly question her right to legally work in the country. But last month, an electronic employee verification system flagged the truck driver for possible identity fraud because she had been using her married name, Rivera, on her driver's license since 2007. Though Peisker joined the company in 1985, it put her at risk of being fired until she proved she was who she said she was. "I couldn't believe it," said Peisker, 50, who repeatedly had to show up to work with her birth certificate, marriage license and U.S. passport until the confusion was cleared up.

http://articles.chicagotribune.com/2010-04-18/news/ct-met-identity-immigration-reform-new-20100418_1_immigration-reform-biometric-e-verify

IriTech Achieves Double Performance Breakthrough in Iris Recognition

FAIRFAX, Va. -- IriTech, Inc., a leading provider of iris-based biometric identification technology, products and services announced today significant advancements in both operational speed and accuracy, vastly improving on what was already the #1 iris recognition technology in the NIST IREX report. Matching throughput has been increased up to 160 times faster than what was submitted for the NIST IREX test, easily surpassing the next-best competitors. This speed increase is accompanied by a 90% FNMR improvement on the open-to-the-public BATH test set. In many biometric identification solutions, when dealing with speed and accuracy, one factor can be improved at the expense of the other. IriTech delivers both advancements at the same time. By jointly improving both performance parameters, IriTech has created a new level of "best value" in iris recognition, ensuring customers achieve the most accurate and efficient solutions possible.

<http://www.marketwatch.com/story/iritech-achieves-double-performance-breakthrough-in-iris-recognition-2010-04-19?siteid=nbkh>

Sarnoff Iris on the Move(R) Biometric Identification System Wins Best New Product Award at the Security Industry Association New Product Showcase

PRINCETON, N.J. -- Sarnoff Corporation announced today that its Iris on the Move(R) (IOM) biometric identification system has won the Best New Product Award and Best Biometrics and Identity Solution at the Security Industry Association New Product Showcase. Sarnoff's patented IOM biometric identification systems quickly and accurately capture the iris image of subjects in motion at distances of as much as 10 feet, verifying identities at speeds of up to thirty people per minute. Other iris scanning technologies require users to stop or stare directly into a scanner.

<http://www.marketwatch.com/story/sarnoff-iris-on-the-mover-biometric-identification-system-wins-best-new-product-award-at-the-security-industry-association-new-product-showcase-2010-04-19?siteid=nbkh>

New Biometrics Software Allows Easy, Secure Management of Medical Records

A new secure, web-based, subscription medical-information service using fingerprint biometrics to provide first responders and hospital emergency room staff with secure, immediate access to critical information was successfully deployed today by an Ohio-based fire department. Created by health IT company My LifePlan and BIO-Key International, Inc., a developer of advanced identification solutions, the new software MyChoice makes vital medical information available with the simple scan of a fingerprint. Subscribers will be able to maintain all of their medical information and designated emergency contacts, which are now accessible at any time and from any location. Also, access to this information is protected by BIO-key's fingerprint identification software and My LifePlan's proprietary methods.

<http://www.executivegov.com/2010/04/new-biometrics-software-allows-easy-secure-management-of-medical-records/>

Mexico deploying multi-modal biometric ID

Mexico plans to start enrolling 110 million citizens into its national ID card program this summer. The program will be among the first to capture iris, fingerprint and facial biometrics for identification, says Terry Hartmann, vice president of identity solutions at Unisys. Unisys' Mexican subsidiary was awarded a contract by the Mexican Ministry of Internal Affairs and National Citizen Registry to create and manage the biometric-based citizen identification solution. The agency will issue another tender for companies to compete for the ID card issuance portion of the project. The country expects to issue cards to citizens over the course of three to four years.

<http://www.thirdfactor.com/2010/04/20/mexico-deploying-multi-modal-biometric-id>

Photo Release -- Northrop Grumman Introduces BioTRAC Biometrics Collection Device

RESTON, Va.-- Northrop Grumman Corporation has developed BioTRAC, a ruggedized, portable identity management system for secure and efficient multi-modal biometrics collection in the field. BioTRAC is a flexible, scalable and durable platform designed for in-theatre biometric capture, identity management, and mobile mission computing requirements. The customizable system has applicability for users supporting military operations, as well as homeland security, law enforcement and transportation security missions.

<http://www.marketwatch.com/story/photo-release-northrop-grumman-introduces-biotrac-biometrics-collection-device-2010-04-22?siteid=nbkh>

A Fingerprint File for 1.1 Billion Indians

A software tycoon tackles the job of creating IDs for all citizens

One of India's major problems is a lack of information about Indians. The government isn't sure how many there are, so it can't always plan policies effectively. Some 75 million homeless have no birth certificates, so they can't qualify for aid, register for school, get phone service, or open a bank account. Millions of other Indians have fake IDs to get assistance they're not entitled to. Nandan M. Nilekani thinks he has a solution. The co-founder of IT outsourcer Infosys has been drafted by the government to run a new agency, the Unique Identification Authority. The UIA is an effort to create ID numbers for all Indians, many of whom the state has missed. "If you are going to have all this [economic] growth," says Nilekani, "people who are marginalized should be given a chance." To make the system more secure, he wants to gather fingerprints from every Indian and store the prints on government servers.

http://www.businessweek.com/magazine/content/10_18/b4176023897289.htm

Passwords are passé but biometrics are not mobile

Writing in the International Journal of Electronic Marketing and Retailing, researchers from the US and Germany point out an inherent flaw in the financial industry adopting biometric logins to boost security in that the advent of mobile devices, such as netbooks, PDAs, and smart phones might make biometric logins impossible when one is on the move. Biometric logins that use fingerprints, voice recognition, or identify you based on how you type look set to replace conventional passwords for accessing online banking and credit card services, online payment companies and even internet stockbrokers. However, smart phones and other portable devices do not currently have the sophistication to be adapted easily for biometric technology. Moreover, users are likely to be reluctant to carry yet another device and its associated electrical charger along with their smart phone simply to login to their bank account when not at their desktop computer.

http://www.eurekalert.org/pub_releases/2010-04/ip-pap042310.php

HIPAA Compliance- Selecting the Right Biometric Technology

The prime agenda of the HIPAA is to protect the privacy of the patient health information and simplify health insurance transactions between different service providers and patients. To accomplish this, it lays special emphasis on conversion of medical records of patient from paper to electronic format. The aim is to digitize the patient health information so that it can be easily managed by different health entities. Any covered healthcare entity, which fails to protect the patient health data as per HIPAA compliance norms will invite strict penalties and criminal convictions. As the health transactions are done on the internet, it is mandatory for health service entities to provide a very secure access system so that genuine users can safely transact while the hostile intruders are kept at bay.

<http://www.i-newswire.com/hipaa-compliance-selecting-the/33177>

Biometric time & attendance system ensures nursery children enjoy the best care

Children's nurseries were early adopters of biometric access control, since the technology allowed staff and parents easy access to the nursery, while preventing unauthorised access. Today, forward thinking children's nurseries are finding a new use for biometrics; the need to ensure the correct mix of staff, with the correct skills are on duty at all times. UK Time Solutions has developed software to ensure nursery managers can check staff levels at a glance, and warn if the right mix is not in place to ensure good carer-to-child ratios. The system can be installed at multi-site operations with data fed back in real time to head office.

http://www.industrytoday.co.uk/health_and_safety/biometric-time--attendance-system-ensures-nursery-children-enjoy-the-best-care/0940

ACLU, others, oppose biometric Social Security cards

Privacy groups and the ACLU oppose a proposal to make biometric Social Security cards mandatory for U.S. citizens. Sens. Charles Schumer (D-N.Y.) and Lindsey Graham (R-S.C.) wrote in a March 19 Washington Post opinion piece that they will propose biometric cards as part of comprehensive immigration reform. Under their proposal, cards would gain a second factor of authentication such as fingerprints but that identifier would not be stored in a government database. Nor would the card contain private information, medical information or tracking devices, they wrote.

<http://www.fiercegovernmentit.com/story/aclu-others-oppose-biometric-social-security-cards/2010-04-15>

Meeting and Conference Dates

WVHTC Foundation Affiliate Leadership Council Roundtable Luncheon

Registration for the luncheon will begin at 11:30 AM. From 12:00 - 1:30 PM the luncheon & presentation will occur. The event features guest speaker CAPT William M. Shepherd, USN retired a Senior Science and Technology Advisor to the Commander United States Special Operations Command (USSOCOM). CAPT Shepherd is the Command Science Advisor and leads the Directorate of Science and Technology within the Center for Acquisition and Logistics U.S. Special Operations Command, MacDill Air Force Base, Florida. He is responsible for all Research and Development funded activities within USSOCOM. The event is sponsored by Azimuth, Inc. The cost of the event is \$25 for WVHTC Foundation Affiliates and for \$40 Non-Affiliates.

Dates: May 11, 2010

Location: I-79 Technology Park Research Center Exhibition Hall
1000 Galliher Drive
Fairmont, WV 26554

Morgantown Digital Identity May Meet-up

Join us for the May edition of informal networking for those in north central West Virginia working, or interested, in biometrics and digital identity. We'll gather outside on the deck of the Regatta at Morgantown's Waterfront Place Hotel. Call or text Charlotte if you have any problems finding the group: (571) 594-7120.

Dates: May12, 2010, 6:00 PM

Location: Outside on the deck of the Regatta at Morgantown's Waterfront Place Hotel

<http://www.meetup.com/biometrics/calendar/13257759/>

CITeR Spring 2010 Meeting

CITeR is a National Science Foundation (NSF) Industry/University Cooperative Research Center (I/UCRC). Its mission to advance identification technology is strongly focused in the areas of biometric systems and credibility assessment. Our portfolio of activities achieve this mission through cross-cutting research of emerging enabling technologies, interdisciplinary training of scientists and engineers, and facilitation of technology transfer to the private and government sectors through its affiliates.

Dates: May 17-19, 2010

Location: Skaneateles, New York

http://www.citer.wvu.edu/spring_2010_meeting

Procurement News

Agency:

Department of Justice

Response Date: N/A

Solicitation Number:

IFB0370738

Description:

This is a pre-solicitation announcement. The Federal Bureau of Investigation (FBI) will be soliciting bids utilizing full and open competition for the construction of a New office building, with expansion to an existing central utility plant (CUP), and an open Parking Structure, with associated site work for the entire project. The facility will be located at the FBI's Criminal Justice Information Services (CJIS) Division in Clarksburg, West Virginia. The New 375,000 gross square foot office building, 1,277 car parking structure, 18,500 gross square foot CUP Expansion, and site development of over thirty (30) acres will be built to support the FBI and Department of Defense (DOD) Biometrics Technology missions, which includes approximately 1,400 combined staff. The work will be Bid, Awarded, and constructed in two (2) separate phases. Phase I will be Site & Parking Structure Package and Phase II will be the Main Office Building & Central Utility Plant Expansion Package. Phase I will be issued in the summer of 2009, and contract award estimated to take place by the fall of 2009. Phase I construction completion is scheduled for fall of 2010. Phase 2 will be issued in the spring of 2010, with contract award estimated by the late summer of 2010.

https://www.fbo.gov/index?s=opportunity&mode=form&id=d8b0c39e62a81e8d25306a704d2d1496&tab=core&_cview=1

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