

West Virginia Biometrics and Identity Management Newsletter

Issue Date: June 14, 2010

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.



http://www.world-wide-posts.com/index.php?option=com_content&view=article&id=577:finger-vein-recognition&catid=13:featured-news

Magic Fingerprints

Austin Gatt announced in Parliament some days ago that the European Union will fund Malta's planned electronic identity cards, and that the new system should be in place before the next general election. He also said that the validity of existing identity cards has been extended so that we need not have one mass renewal now and another one when the new system comes into play. The extended validity is useless to those of us who use an identity card instead of a passport for travel, because the actual date on the card is what counts. So that means renewing it anyway. But that's a side issue. Minister Gatt told Parliament that the new biometric cards will have high security features. The Times reported his words as "not least because they would include more information on their owners, including fingerprints. The information would be stored on a chip in the card."

<http://www.independent.com.mt/news.asp?newsitemid=107239>

A Unique ID for the Masses - UID-GOI's Technology Leap

The UIDAI project is expected to touch every adult citizen. A voluminous database and the sheer magnitude of this task requires robust security with no room for vulnerabilities writes Subhankar Kundu. In this vast country of ours where the population has crossed the billion mark, common citizens face the problem of identifying themselves as this inability acts as a barrier preventing the deprived from accessing basic benefits and subsidies offered by the government. The requirement to prove one's citizenship is felt while interacting with both private as well as public sector agencies before you can avail of a service. Till date, however, there is no nationally accepted, verified identity number that both residents and agencies can use with ease and confidence.

<http://www.expresscomputeronline.com/20100607/egovernancespecial03.shtml>

Get tweets from WVBI

Become a follower of @wvbio on Twitter and stay up to date with the latest tweets from West Virginia Biometrics Initiative executive director Mike Kirkpatrick.

<http://twitter.com/wvbio>

3M Awarded Contract for Arkansas Drivers' Licenses

End-to-end system for over-the-counter license issuance

ST. PAUL, Minn.-- 3M Security Systems Division has been awarded a seven-year contract by the state of Arkansas to provide an end-to-end solution for the state's drivers' licenses. Under the agreement, the company will provide services in enrollment (including biometric capture), entitlement, and personalization of licenses, as well as training for state employees, and service and maintenance of the system. "This system gives us a full solution for the efficient issuance of secure drivers' licenses," said Tonie Shields, Administrator, Office of Driver Services, Arkansas Department of Finance and Administration. "3M has proven capabilities to effectively integrate the necessary components for this system, from beginning to end."

<http://www.marketwatch.com/story/3m-awarded-contract-for-arkansas-drivers-licenses-2010-06-07?siteid=nbkh>

Scraping of ID Cards Will Lead to Job Cuts (UK)

The government has confirmed that there will be redundancies as a result of the cancellation of identity cards. In a parliamentary written answer, Immigration Minister Damian Green claimed that the job cuts will be in addition to other efficiency savings that the Identity and Passport Service (IPS) is making to contribute to budget reductions across government. The IPS will begin communicating with staff and union representatives about how the redundancies will happen in upcoming weeks.

<http://www.thegrapevinemagazine.com/retention/?newsid=2853>

Demand from Financial Sector to Drive Global Biometrics Market

With financial sector looking upon biometrics as a way to curb fraud, global biometrics market is set to witness a CAGR of around 18% through 2012. Financial sector has been emerging as a potential adopter in the global biometric market. With the help of biometrics, this sector is aiming to offer customers an easy and more convenient authentication alternative to cards and PINs for transactions like ATM withdrawals. As per our report "Global Biometric Forecast to 2012" North America and Europe dominated the global biometric market in 2009. This region will account for combined share of 62% in coming years. By 2012, on the back of several initiatives and biometric programs, Asia-Pacific and Middle East & Africa will emerge as growing regions for the biometrics market.

<http://www.addpr.com/articles/business/33624.html>

Patient Kiosk Wins Project Innovation Top Prize

A kiosk that allows a medical patient to register and update records more quickly has been awarded the \$15,000 top prize in Project Innovation, a Sangamon County medical contest. Jardogs LLC, a Springfield Clinic-owned company, developed the patient kiosk, a biometric authentication device that is more accurate and faster than a fingerprint. It allows the patient to check into a health-care organization and update records much more quickly than traditional methods. Jardogs was chosen from among five finalists at a "final competition" held Wednesday at the Lincoln Land Community College Capital City Training Center. All five finalists received cash awards to help develop their ideas for improving health care.

<http://www.sj-r.com/breaking/x767630960/Patient-kiosk-wins-Project-Innovation-top-prize>

Fingerprint Security Briefcase Keeps Your Papers Safe Through Biometrics

Crack open the average Wall Streeter's Italian designed briefcase these days and you're more likely to find a sack lunch, a paperback and bottle of Jack than sensitive documents. Today, the once venerable briefcase — a supple, leather-bound safe containing all your most sensitive documents — goes extinct by the moment, as sheathes of business papers become encrypted USB keys. Crack open the average Wall Streeter's Italian designed briefcase these days and you're more likely to find a sack lunch, a paperback and bottle of Jack than sensitive documents.

<http://www.geek.com/articles/gadgets/fingerprint-security-briefcase-keeps-your-papers-safe-through-biometrics-2010069/>

Voice Recognition – Benefits and Challenges of this Biometric Application for Access Control

With all types of biometric applications on the rise, voice-based authentication is one approach that seems to engender less resistance among users than other biometric forms of security. Voice recognition is non-contact, non-intrusive and easy to use. According to a Unisys survey, the biometric measures ranked by consumer preference are: voice recognition (32%), fingerprints (27%), facial scan (20%), hand geometry (12%), and iris scan (10%). This ranking seems to confirm that people prefer convenience and familiarity when choosing a biometric technology.

<http://www.sourcesecurity.com/news/articles/co-3108-ga.4100.html>

Research and Markets: Global Biometric Sensors Market 2009-2013: Huge Demand from the Governments, Financial, Retail and IT Sector as a Secure Means of Authenticating Individuals

With the emerging Biometric market, a large number of Biometric companies are setting up alliances and partnerships. For example, DigitalPersona has partnered with Microsoft as its technology partner and Retica Systems has collaborated with WCC Smart Search & Match for better matching algorithms for its sensors. Along with technology and solution providers, Biometric companies are entering in agreements with distributors across the world. Through these agreements, they are trying to explore new markets such as agreement between Digital Persona and Trekit in Israel.

<http://www.earthtimes.org/articles/show/secure-means-authenticating-individuals.1341277.shtml>

Italian Biometric Passport Program to Begin Soon

Italian citizens will be allowed to apply for their next generation passports at the end of this month (June 2010). The ePassports have embedded chips containing a digital facial image, a digital signature and two fingerprints. As only the police department is allowed to fingerprint citizens in Italy, the Italian government is also making year-long temporary passports available to those that are unable to get the necessary information for the new passports in time.

<http://www.thirdfactor.com/2010/06/10/italian-biometric-passport-program-to-begin-soon>

Government Plans New Biometric Passport Rollout

Home secretary Theresa May has said the government is planning to begin issuing new biometric passports in the autumn. She said it is looking at providing better physical security and stronger electronic security for a new design of passport to be made available from 5 October. This follows the new government's decision to drop plans for fingerprint passports. Speaking in a House of Commons debate on legislation to abolish aspects of the previous government's National Identity Scheme, May said: "We are halting work on fingerprint passports — the so-called second-generation biometric passports — because we believe, in common with the USA, Canada, New Zealand and Australia, that we can maintain the integrity of our passports by other security measures."

<http://www.zdnet.co.uk/news/regulation/2010/06/11/government-plans-new-biometric-passport-rollout-40089211/>

To Share its Database with the UIDAI

India's largest life insurance company, Life Insurance Corporation (LIC), on Wednesday signed a memorandum of understanding (MoU) with the Unique Identification Authority of India (UIDAI) to become a registrar for delivery of the unique 12-digit identity number to the people of India. LIC is the first institution other than state governments to sign an MoU with UIDAI. With this, UIDAI will have access to the database of 200 million policyholders of LIC. "The MoU between LIC and UIDAI is a proof of what we have set to achieve. We will roll out the numbers in some time. We will maintain the deadline as well," said Nandan Nilekani, chairman, UIDAI. Nilekani said UIDAI would provide 600 million numbers in the next five years.

<http://www.business-standard.com/india/storypage.php?autono=397679>

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>

New Approaches to Assist Entrepreneurs in Making Decisions and Taking Action

Join NBIA and Startup Company a free webinar. Startup Company will present new ideas and tools to show incubator managers and business advisors how they can make one-to-one consulting a better experience for entrepreneurs. Topics include three reasons conventional business plans don't work for start-ups, four approaches for conducting time-saving and highly effective meetings, seven steps for designing and developing action-oriented businesses, and focus areas that provide a 360° perspective for the advisor and the entrepreneur.

Dates: Tuesday, June 15, 2010

Time: 12:00 p.m. & 3:00 p.m.

http://www.nbia.org/events/webinars/2010_06_15.php

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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