



West Virginia Biometrics and Identity Management Newsletter

Issue Date: May 3, 2010

Biometric Podcast by the Economist Intelligence Unit

This is an Economist Intelligence Unit podcast on biometrics, sponsored by Unisys. The interviewee, Arun Ross, Ph.D., is an associate professor in the Lane Department of Computer Science and Electrical Engineering at West Virginia University. He joined the faculty in 2004, and has quickly risen to a position of national leadership in the field of biometrics. Questions answered in the podcast include how does identity verification technology such as fingerprint and iris scans protect a person's identity and physical security versus what's typically being used today, what are the drawbacks to this technology, will the government eventually track our every move, and many more.



<http://www.unisys.com/unisys/ri/podcasts/detail.jsp?id=1120000970001610085>

City Beautiful to get smart with biometrics

Siphoning off food and fuel meant for the poor has made India's public distribution system (PDS) ineffective. To get over the leakages, Chandigarh has hired the services of information technology (IT) companies. The city has given a contract to a consortium headed by HCL to prepare 250,000 biometric cards, which would ensure grain and kerosene meant for the poor are not pilfered. The first of these cards would be issued in September. The scheme would eventually be extended to the whole of Haryana, that has allocated Rs 137 crore for the entire project. Several IT majors, including TCS and ITC Infotech, are in the running for the project. Haryana has an estimated 5.2 million beneficiary families.

<http://www.business-standard.com/india/news/city-beautiful-to-get-smartbiometrics/393003/>

Nilekani Says India to Offer Poor \$2 for Iris Scans

Billionaire Nandan Nilekani, who heads the government agency tasked with giving Indians a unique identity number, said the country will offer \$2 to its poorest to compensate them for lost wages while they get iris scans. India's Finance Commission has granted 30 billion rupees (\$676 million) over five years to the Nilekani-headed Unique Identification Authority of India to entice the nation's poor to sign up for the world's largest biometric database.

<http://www.businessweek.com/news/2010-04-27/nilekani-says-india-to-offer-poor-2-for-iris-scans-update1-.html>

New £10,000 biometric ID scheme launched in Mansfield

Police want revelers in Mansfield to sign up to a pioneering fingerprint scheme to crack down on underage drinking. Biometric scanners have been installed at nine premises as part of the £10,000 'kNOw ID' scheme introduced by Mansfield Association of Licensed Venues (MALV). People can register their details at the Ambitions Personnel office on Thursday, May 13, between 8pm and 11pm.

<http://www.thisisnottingham.co.uk/news/New-163-10-000-biometric-ID-scheme-launched-Mansfield/article-2073117-detail/article.html>

Defense Media CTO: Wither Biometrics?

Over the past decade, approaches to securing enterprise information systems have evolved from the secure bastion, through defense in depth, to include today the concepts of continuous monitoring and operations. Through this all, many newer, more powerful technologies have emerged and been integrated into various portions of the enterprise information assurance architecture. One particular aspect of information assurance, the password, which is often seen as one of the greatest vulnerabilities of information systems, still seems to be sticking around in some form or another. Fortunately at the Department of Defense, the Common Access Card (CAC) has alleviated much of the pain of remembering multiple passwords. Unfortunately, the still-required password, as a backup to the CAC, if nothing else, is longer than ever. Combine that with the near infinite number of passwords that almost anyone uses to access anything from on-line banking to e-commerce sites to subscriptions, and the potential for mistakes or intentional bypassing (i.e., writing them down) becomes quite high.

<http://science.dodlive.mil/2010/04/27/defense-media-cto-wither-biometrics/>

Reverse-engineering artist busts face detection tech

Concerned about the proliferation of face recognition systems in public places, a grad student in New York is developing privacy-enhancing hacks designed to thwart the futuristic surveillance technology. Using off-the-shelf makeup and accessories such as glasses, veils, and artificial hair, Adam Harvey's master's thesis combines hipster fashion aesthetics with hardcore reverse engineering of face detection software. The goal: to give individuals a low-cost and visually stimulating means to prevent their likenesses from being detected and cataloged by face-recognition monitors. "The number of sensors that are going into the public spaces has been increasing," said Harvey, a student in New York University's interactive telecommunications program. "There's a lot of work to be done to catch up to where cameras are going because there have been so many advances in the last few years."

http://www.theregister.co.uk/2010/04/22/face_detection_hacking/

Research and Markets: North American Biometrics Market - a Comprehensive Technology, Competition & Distribution Trend Analysis

The North American Biometrics market provides a comprehensive technology, competition and distribution trend analysis for various biometric technologies such as fingerprint, face recognition, iris recognition, hand geometry, voice verification, signature verification and other emerging technologies. Revenue forecast for all technologies have been provided for total North American region. Various drivers for growth have been analyzed to identify opportunities in the marketplace. The study also provides revenue forecast and vertical market analysis in addition to analyzing application sectors and technology trends.

http://www.tradingmarkets.com/news/press-release/frsu_research-and-markets-north-american-biometrics-market-a-comprehensive-technology-competition-am-944184.html

An identity for all: India ID project fights dust, doubt

MUMBAI (Reuters) - As India gears up to build the largest biometric database in the world with the aim of providing most of its 1.2 billion citizens a Unique Identification (UID), perhaps the biggest challenge is smudged fingerprints. The UID Authority of India will issue the first UIDs linked to a person's demographic and biometric information between August and February, and issue about 600 million such IDs over the next five years to help verify citizens quickly and cheaply. It will be a boon for companies and government agencies alike. It would give millions of Indians the means to open a bank account, buy a mobile phone, and access welfare services easily, while saving companies and government agencies the expensive and time-consuming process of verifying and establishing identities.

<http://www.washingtonpost.com/wp-dyn/content/article/2010/04/28/AR2010042805234.html>

The Summit School System: 'Fingerprint' scanners streamline bookkeeping, lunch lines

New technology is being used in the Summit Public Schools school cafeterias to streamline bookkeeping and to move students more efficiently through the "lunch line." Cafeteria service in the Summit Public Schools is contracted to Pomptonian Food Services, which manages the cafeterias in Summit. An automated Food Service Point of Sale (POS) program has been operating at the cafeterias in Summit High School and Lawton C. Johnson Summit Middle School since May and September of 2008 respectively. At the high school, students swipe their student ID cards at the cafeteria's cashier stations. The status of the students' pre-paid cafeteria account is then accessible to the cashiers. At the middle school, students enter an assigned PIN number. Parents can pre-pay for and manage their children's' cafeteria accounts through their home computers.

http://www.nj.com/independentpress/index.ssf/2010/04/independent_forum_the_summit_s.html

Biometric Wallet Keeps Out Prying Eyes and Fingers

If the last innovative wallet you saw was one made out of duct tape, take a look at this. Privacy company Aegis Innovations has just released the TungstenW, which uses biometrics to keep your money and credit cards secure. You set up the wallet by connecting it to your computer and programming it with your fingerprint. From then on, it only opens when you swipe your finger across it. But get this: you can also pair it with your cell phone using Bluetooth, so that an internal alarm goes off whenever the wallet is over 10 feet away from your phone. It's a wallet that alerts you when it's being stolen.

http://www.gearlog.com/2010/04/biometric_wallet_keeps_out_pry.php

Fujitsu Med-Serv 50 Patient Kiosk Wins Self Service Excellence Award for Best Healthcare Deployment at the 2010 KioskCom Self Service Expo

Robust Kiosk Simplifies and Automates the Check-In Process to Enhance the Patient Experience while Reducing Operational Costs and Improving Efficiency for Healthcare Facilities

FOOTHILL RANCH, Calif.-- Fujitsu Frontech North America Inc., a leading supplier of innovative computer products including peripherals, biometric security solutions and digital media solutions, today announced that the Fujitsu Med-Serv(TM) 50 patient registration kiosk received the Self Service Excellence Award for the Best Healthcare Deployment during the KioskCom Self Service Expo 2010. Developed jointly with Jardogs and AllScripts, the Fujitsu Med-Serv 50 Patient Kiosk is an open hardware platform that simplifies and automates the patient check-in process at hospitals and healthcare clinics. The Fujitsu Med-Serv 50 solution enables patients to quickly and securely update personal information, order prescription refills and pay outstanding balances while also increasing efficiency, improving cash-flow visibility and reducing operational costs for healthcare facilities.

<http://www.marketwatch.com/story/fujitsu-med-serv-50-patient-kiosk-wins-self-service-excellence-award-for-best-healthcare-deployment-at-the-2010-kioskcom-self-service-expo-2010-04-29?siteid=nbkh>

SmartMetric to Open Mass Production Facility for Fingerprint Activated Security, Identity and Banking Cards

SmartMetric, Inc. announced today that the Company will open up its own manufacturing facility to produce its advanced "in card" fingerprint scanning and matching technology. The Company also disclosed that it is in discussions with economic development officials in several alternative locations, all of whom have indicated strong interest in recruiting the Company's operations to their respective communities.

<http://www.findbiometrics.com/industry-news/i/7955/>

Verizon Physical Security Services Incorporate Biometric Scanners and Smart Cards to Prevent Data Breaches

Basking Ridge, N.J., — Although physical security is integral to IT security, it is often an afterthought, which leaves an organization vulnerable to security breaches. Verizon Business is addressing this shortcoming by offering new IT security consulting services that proactively integrate physical security with information security and compliance programs.

Verizon Physical Security Services combine a physical security assessment and penetration test, security awareness training, a social engineering experiment, and an evaluation of relevant logical security technologies such as smart cards and biometric scanners to evaluate and strengthen an organization's overall security posture.

<http://www.findbiometrics.com/industry-news/i/7953/>

Biometrics is the strongest form of identification

With Biometrics identification expected to be an integral part of unique identification (UID) or Aadhaar, we spoke to John Kendall, National security program director, Unisys, Asia Pacific about the emerging trends in biometric security and the benefits it has to offer. What are the latest innovations in biometric identification systems? There have been a number of innovations in the biometrics identification space, for instance the convergence of identification and surveillance technologies. This allows the identification of individuals from a distance or even without the individual's known participation. This is made possible by the iris recognition system which can scan an iris from approximately 2m away, while the person is walking towards a camera. This also eliminates the need for the person being verified to stand still at an iris reader and look at a camera from only few centimeters away.

http://www.cxotoday.com/Interviews/Government/Business_Applications/Biometrics_is_the_strongest_form_of_identification/551-110923-21328.html

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

May Digital Identity Meet-up

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

Dates: May12, 2010 @ 6 PM

Location: Outside on the deck of the Regatta at the 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

West Virginia Biometrics Initiative
714 Venture Drive # 193
Morgantown, WV 26508-7306
www.wvbiometrics.org
Twitter: @wvbio

Questions or comments, please email us at:
mdkirkpatrick@wvbiometrics.org



This newsletter brought to you by the I-79 Development Council.