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THE BUSINESS OF HOMELAND SECURITY

Friday, 22 April 2011

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## AUTHENTICATION / BIOMETRICS

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### U.K. Borders Agency in immigration biometrics deal with IBM

The deal is valued at £191 million, and the government says it will save tax payers £50 million, or nearly 20 percent, from the contract price with IBM by cutting aspects of the planned system that were no longer needed

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### Mobile biometric and document device for borders

NEC shows a tablet computing device for biometric identity enrollment and verification using multiple biometrics -- and which can also read travel documents; the company says the device will be sold to border control agencies

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### Until biometric standards are developed, passwords should be retained

Biometric technologies offer many advantages, but until universal standards are set, the use of passwords should not be abandoned; the permanence of biometric characteristics creates a situation in which if someone were to intercept or hack one's biometric data, a person's entire livelihood would be at stake, as opposed to a simple password change

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### NY DMV says facial recognition technology is working

The use by the State of New York DMV of facial recognition technology has been instrumental in identifying more than 1,000 cases of possible fraud, according to state officials; more than 100 felony arrests have been made so far, including an Egyptian citizen holding four New York licenses under separate names, one of which was on the federal "no-fly" list, and a former hit man who sought to establish a second identity after release from prison

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### U.K. government looking for identity verification solutions

The U.K. government is soliciting ideas on potential requirements for the public sector on all aspects of identity verification and authentication; this is particularly relevant to online and telephone channels, and the notice says the services include the provision of related software and computer services

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### Biometrics -- facial recognition

#### Identifying faces in a crowd in real-time

U.K. company develops a face recognition technology that can recognize individual faces in a crowd -- and do so in seconds, even when they are moving, at a wide angle, or in poor light; the system captures and analyzes images and compares them to a database, and alerts security personnel if a match is made

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### Sector Report for August 31, 2010: Authentication / Biometrics

This report contains the following stories.

- [Iris scan biometrics ideal for Minority Report-like project](#)
- [Automatic heart-beat recognition authentication for iPhone users?](#)
- [Worries about Afghan biometric database](#)

Plus 2 additional stories

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### Biometric business

#### 3M acquires biometric specialist Cogent for \$943 million



Cogent Systems participates in the \$4 billion global biometric market, which is projected to grow at a rate greater than 20 percent per year; identification and authentication solutions from 3M include border management products; document manufacturing and issuance systems for IDs, passports, and

visas; document readers and verification products; and security materials, such as laminates, to protect against counterfeiting and tampering; Cogent Systems provides finger, palm, face, and iris biometric systems for governments, law enforcement agencies, and commercial enterprises

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### MORE HEADLINES

#### Next PIV card could include iris recognition

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#### Biometrics and Security in Global Perspective" conference in Washington DC, USA

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#### Ceelox Provides Biometric Identity Access to Cloud Applications

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#### India govt to issue biometric PAN cards

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#### New technology to ID 'criminal aliens' at Fayette jail

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#### Cape May County Sheriff's Office adds iris-scanning for inmates

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#### ICE Launches Self-Verify

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#### Colleges Exploit Visa Loopholes to Make Millions

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#### Northrop to enhance classified networks

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#### FBI Announces Creation of Biometric Database

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#### Android App Hacks Into Cardkey-Protected Doors With One Click

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#### Tennessee to issue new licenses, ID cards

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#### Proposed laws on ID tech take privacy to the extreme

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#### US Banks Lag on Biometrics for Security

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#### Thumbs Up for Biometrics! a Way of Curbing Exam Malpractice

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THE LONG VIEW

### Iris scan biometrics ideal for Minority Report-like project

Leon, Mexico has begun implementing an iris scan biometric system from New York-based Global Rainmakers; the system, rolled out across the city, will see the eyes of anyone taking money out of an ATM, paying for items in a store, or simply catching a bus scanned by hi-tech sensors; Global Rainmaker's CEO says the company has chosen iris scan for its project because "With iris, you have over 2,000 points-- With those 2,000 points, you can create a unique 16,000 bit stream of numbers that represents every human on the planet. That provides a reference point that can connect everything you do in all aspects of life, for the first time ever"

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### Automatic heart-beat recognition authentication for iPhone users?

To make iPhones and iPads more secure, Apple is considering implementing automatic biometric authentication technologies on the devices; the authentication procedure will lock the device and wipe all data on it in the event an unauthorized user tries to operate it; the technology may also report back to Apple in the event customers have jailbroken or unlocked the device, allowing the company to deny services to these customers

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#### In the trenches

### U.S. military personnel increasingly using biometric technology

Since the Department of Defense implemented biometric identification technology, military personnel have seen benefits such as quickly identifying known terrorists, collecting intelligence on insurgent activities, and identifying former detainees the military had released

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#### Trend

### Biometrics replaces traditional means of identification

Access cards, PINs, and passwords, designed to protect end-users, are not only ineffective against modern day threats, but often end up being used to perpetrate crime; card-based systems will only control the access of authorized pieces of plastic, but not who is in possession of the card; one of the benefits of a biometric technology is that only authorized people -- not merely their credentials -- are granted access to, for example, a building, a specific part of a building or even a computer or an account

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#### Pervasive surveillance

### Minority Report comes to Leon, Mexico

Leon, Mexico, a city of one million, has begun implementing an iris scan biometric system from New York-based Global Rainmakers; the system, rolled out across the city; anyone taking money out of an ATM, paying for items in a store, or simply catching a bus will have their eyes scanned by hi-tech sensors; criminals will automatically be enrolled, their irises scanned once convicted; law-abiding citizens will have the option to opt-in; the company's CEO believes people will choose to opt-in: "When you get masses of people opting-in, opting out does not help. Opting out actually puts more of a flag on you than just being part of the system. We believe everyone will opt-in"

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### Shop Shield privacy protection expanded to IE browser

Experts say that the best way to assure the safety of financial and personal identifying information (PII) transmitted on the Internet, and prevent it from being lost, stolen, or misused, is to keep it private by not transmitting it to Web sites in the first place; Shop Shield allows consumers to engage in commercial transactions on the Web without giving these Web sites information such as e-mail addresses, passwords, usernames, phone numbers, billing addresses, credit card numbers, or other user payment information; Shop Shield even allows consumers to do business on the Web without giving out their names

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### Sector Report for August 17, 2010: Authentication / Biometrics

This report contains the following stories.

- [AOptix unveils InSight VM iris recognition system](#)
- [Toward a national strategy for online identification](#)
- [VoiceKeyID from Porticus](#)

Plus 3 additional stories

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#### THE ECONOMIC

### Real ID Compliance Deadline Extended Biometrics goes mainstream -- and

changes the way we live  
Texas lawmakers Attempt to Ban TSA Full Body Scanners  
Biometrics will begin reaching a mainstream audience, changing the way we live; one

change: we will see the beginning of the end of the students say senators

Ohio scratches security cam network

DNA database helps police solve crime faster and cheaper

Facial recognition technology comes to Immigration secures \$1.4 Million Award for Identity System

US Homeland Security postpones Real ID deadline

After touching your junk, TSA wants to harvest your DNA

Lost Card Receives \$8.6 Million Order for U.S. Green Cards

Portable DNA Scanner Coming Soon To An Airport Near You?

Microsoft says phone update failed 1 in 10 users

Two fire stations set to reopen

MIS cropped 7/7 bomber out of picture shown to key informant

Verizon, Intrado Offer next-gen 911

Google extends 2-step authentication to all users

US looking at inbound mail security delays

OMB sets deadline to start installing smart card readers

30% failure rate for biometric pokies

AT&T, Spots Streaming Website, Seized By Homeland Security

IBIA challenges NRC's state Homeland Security Seizes Spanish Domain Name That Had Already Been Declared Legal

Kiwi parliament enters debate of biometrics gathering

Biometrics technology, helpful in determining a person is who they say they are, is at the center of a debate in the New Zealand parliament. The government is planning to use biometric information to prevent identity fraud to prevent illegal border crossings. However, there is concern that this effort may extend beyond the realm of immigration control

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### DHS to fund \$20 million biometric surveillance checkpoint program

Draper Laboratory, along with other companies, are working together to implement the program which will better detect irregular physiological and behavioral biometrics an individual being screened. The technology will focus on behaviors such as an

The International Biometrics & Identification Association (IBIA) announced that the FBI's new facial recognition software, which is being used to identify suspects in the war on terrorism, is being deployed to airports, military bases, and other high-security areas. The software, which is being developed by a team of researchers at the FBI's Laboratory, is being used to identify suspects in the war on terrorism, and is being deployed to airports, military bases, and other high-security areas.

**Read more**  
**"Automated Biometric Identification" is titled**  
**L-1 Identity Solutions unveils PIV-TWIC access control reader device designed for extreme outdoor operating conditions**

biometric technologies were not yet ready for "prime time". An order has already been placed for the 4G PIV-TWIC Station Extreme, designed to meet the specialized needs of ports, military bases, and airports. All of the useful applications, biometric products are being demonstrated this week concurrent with the ASIS International Conference in Anaheim, California and at the Biometrics Consortium Conference in Tampa, Florida and is being widely deployed today.

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