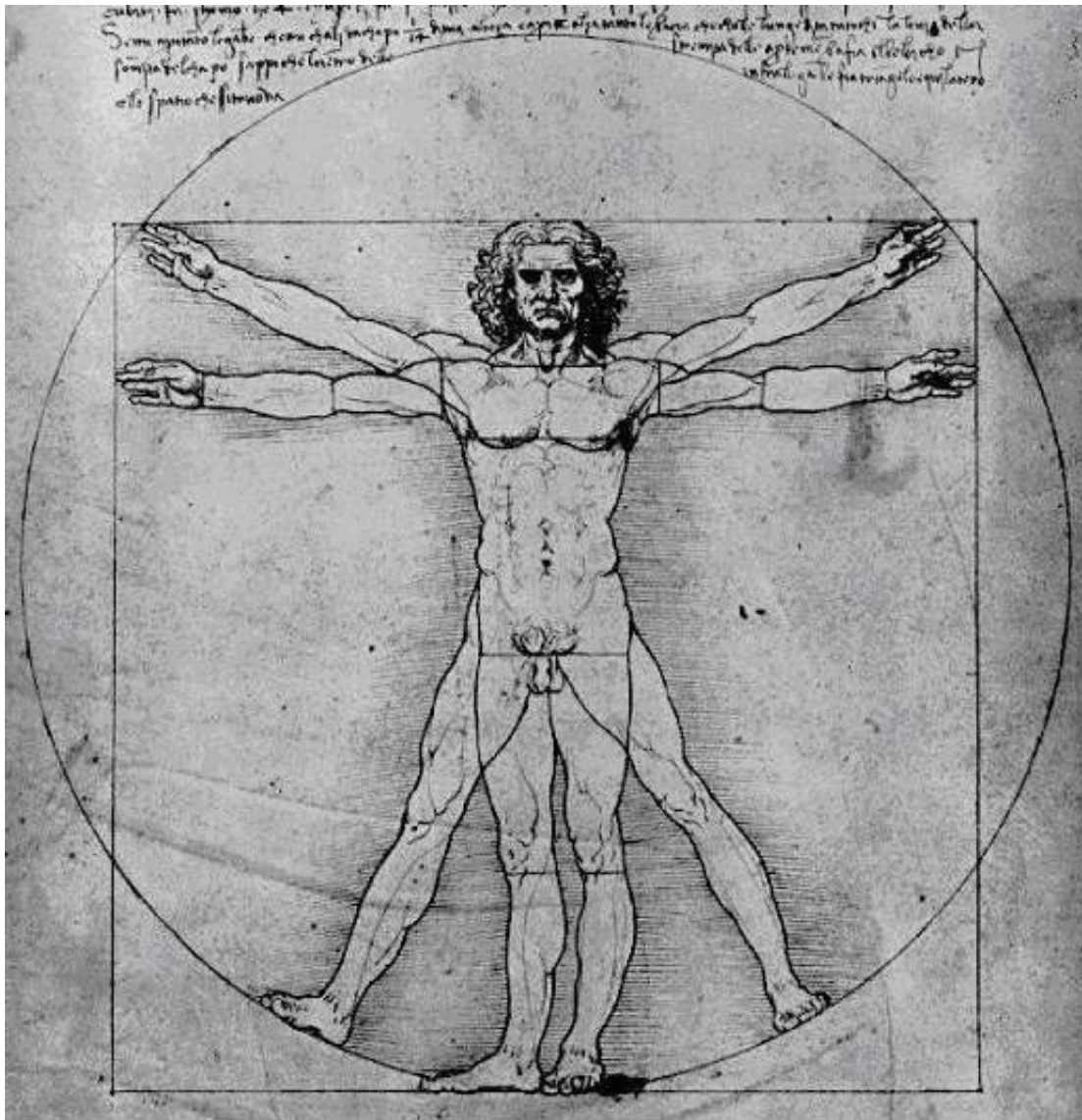


► Biometrics Newsletter 07

Week 07 2012

Rene Bense ► ► [17-February-2012](#)



The Biometric Weekly Newsletter 2012 number 07.



Please give me feedback on the Newsletter and the website, so I am able to improve and extend. For new readers who missed the url of my website, here it is:

www.biometrics4you.com

Write me on: rene.bense@xs4all.nl

Regards, René Bense

[AOptix InSight Biometric and Iris Recognition Technology to Strengthen Air Transport and Border Security](#)



Expedited passenger boarding with AOptix iris recognition at an automated eGate checkpoint. (Photo: Business Wire)

AOptix Technologies, a developer of Adaptive Optics technology-based solutions for iris recognition biometrics, laser communications and astronomy, has partnered with SITA, an information technology and air transport communications specialist.

AOptix announced that SITA, with over 2700 customers in 200 countries worldwide, has become a Value Added Reseller partner for AOptix. SITA will coordinate with government, airline and airport customers to deploy automated solutions that are based on the InSight face biometric and iris recognition technology developed by AOptix to expedite the process of passenger identity screening at borders and airports.

[CFR calls for Expansion of the Visa Waiver Program](#)

The Council on Foreign Relations (the "CFR") recently published a policy memorandum calling for the expansion of the Visa Waiver Program (the "VWP") which permits visa-free travel to the U.S. from certain countries that share security and criminal intelligence information with our government.



Individuals traveling from these countries can rapidly and accurately be checked by an automated system for identification of threats (the Electronic System of Travel Authorization - ESTA).

Furthermore, the U.S. government still retains the absolute discretion to deny entry permission to any suspicious traveler and require them to obtain a visa in any given case.

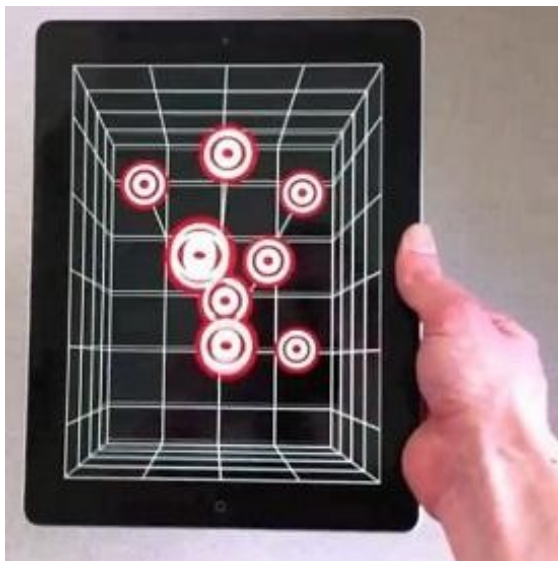
The CFR asserted in its policy memorandum that the VWP should be expanded to more cooperating countries, but added that the "hold-up" on expansion has been due to legislation requiring the government to first implement a system utilizing biometric identification (which has not been fully developed).

For the entire CFR article click the URL below:

<http://www.cfr.org/immigration/faster-safer-smarter-modern-visa-system-united-states/p27055>

[Apple Patent Reveals Plans for 3D on Steroids](#)

Apple has filed a patent application for a 3D eye-tracking graphical user interface (GUI) for personal electronic devices like the iPhone and iPad.



The application, published Friday by the U.S. Patent & Trademark Office, describes technology that could be incorporated in the company's iOS mobile operating system for use with gaming, photography, video, biometrics, and surveillance applications, [according to the Patently Apple blog](#), which spotted the filing.

Apple's proposed technology essentially uses various techniques to combine aspects of current 3D simulation for handheld devices with facial-recognition technologies, particularly eye-tracking, to create a more reliable and realistic 3D interface for users.

Current 3D simulation for gaming and other applications on handheld devices uses data from various instruments like accelerometers and gyrometers that are built into the devices to recreate "six-axis" positional information, the blog notes, while facial-recognition software has also been improved upon greatly in recent years for biometrics and other purposes.

It appears that the new Apple technology combines those two advancing fields of development, Patently Apple reports.

"[C]urrent systems do not take into account the location and position of the device on which the virtual 3D environment is being rendered in addition to the location and position of the user of the device, as well as the physical and lighting properties of the user's environment, in order to render a more interesting and visually pleasing interactive virtual 3D environment on the device's display," the blog's Jack Purcher writes.

The patent application describes the use of sensors to determine the position of the device in conjunction with a front-facing camera. Associated software would track and calculate the position of the user's eyes relative to the device, and also gauge the lighting environment to better adjust the output for a potentially much more realistic-looking 3D interface.

[VoiceTrust acquires Canadian biometrics firm Perceive Solutions](#)

Dubai, 8th February, 2012: VoiceTrust, a global leader and provider of digital payments and voice biometric solutions announced today the acquisition of Montreal based voice technology firm Perceive Solutions Inc.



VoiceTrust is a global innovator in voice biometrics security and its revolutionary Proof-of-Life™ program provides safe, secure and cost efficient delivery of various payment services, like secure pension disbursement that allows pension funds using voice biometrics to ensure that the recipient is still alive and in-country. Recipients do not need to personally visit pension fund locations to authenticate themselves.

Tariq Habib, CEO, VoiceTrust, said, "Perceive has a product portfolio that is a perfect extension to the current VoiceTrust solutions." He further added, "the acquisition enhances our customer focused delivery promise of continuous innovation and development and Perceive's experienced management team will enable us to support and address the Canadian market in an accelerated fashion."

Roanne Levitt, Founder, Perceive Solutions, said, "We are excited to be part of the VoiceTrust team and leverage synergies between Perceive's free-form speech products and VoiceTrust's platform and global market presence to enable us to provide state-of-the-art solutions for customers seeking world class speaker verification and authentication technology."

VoiceTrust is majority owned by Ramphastos Investments, the investment vehicle of Dutch investor Marcel Boekhoorn.

[GunVault Introduces the SpeedVault HandGun Storage System](#)

GunVault, manufacturer of the highly popular GunVault compact security safes, introduces the SpeedVault.

The demand for convenient home, office or business security makes SpeedVault a smart solution for storing handguns. The SpeedVault

is a drop-down safe that can be mounted under a desk or in various locations for a variety of concealment with a holster-like protective foam lined interior. It offers a combination of theft protection and fast, reliable access.



The SpeedVault is constructed of tamper-proof, 18-gauge steel and available in digital lock or biometric finger print scanner. An activation button triggers a spring-loaded door that not only has a high-strength lock mechanism, but also performs reliably, time after time. Foolproof security is ensured with an audio and LED low battery indicator to help guard against direct tampering and unexpected power loss. Mounting hardware is included.

The [SpeedVault Bio](#) uses biometrics, specifically fingerprint recognition, to access the safe contents faster and more securely than ever before. A high-performance algorithm is used to achieve speedy identification of enrolled fingerprints and at the same time has a very low False Reject Rate (FRR).

The self-learning algorithm adds new minutiae to the fingerprint templates each time a user touches the fingerprint sensor, which decreases the likelihood of FRR; updates slight changes that might occur over time to an enrolled fingerprint, as well as help diminish variations between the enrolled fingerprints. The system can handle up to 120 fingerprint templates.

[Cops mull biometrics databank for cabbies](#)



BANGALORE: Following the murder of a Visakhapatnam-based jeweler by three cabbies, Bangalore police are thinking of asking all tourist taxi operators to collect biometrics and make background checks on drivers employed by them.

"Yes, first we will seek suggestions from tour operators and taxi operators. Then we will go ahead with our plan," police commissioner BG Jyothi Prakash Mirji told TOI.

He said a similar drive has already been implemented for autorickshaw drivers, who now compulsorily have a display card showing their identity details.

A senior police officer said that with foreign tourists and businessmen landing in Bangalore daily, the onus is on cops to take steps to prevent a recurrence of Tuesday's ghastly murder. Forty-four-year-old Manoj Kumar Grandhi, head of Vaibhav Group from Andhra Pradesh, was killed by three cabbies.

"We need to bring in strict discipline among cab drivers, get them to mend their behaviour as well. They need to maintain discipline on the roads as I have found many of them not respecting motorists and pedestrians," he said.

Joint commissioner of police (crime-east) B Dayanand, said, a preliminary meeting with senior officers will be held before going in for any initiative regarding cabbies. "The idea is good. But implementing it will take some time as we will have to consult taxi and tour operators," he said.

"We ordered for background checks on tenants and domestic helps. But we have not made it mandatory as it depends on the landlords and households to do it for their safety. But many of them have followed it as they want to be on the safer side," Mirji added.

[Canadian authorities contact CBI on Air India 'bribery' case](#)



While Civil Aviation Minister Ajit Singh categorically stated that no inquiry would be conducted on the basis of allegations published in Canada about bribes changing hands in an aborted \$ 100-million Air India deal in 2007, the Central Bureau of Investigation is already conducting what is being described as a "discreet inquiry" in the case.

The Canadian authorities, through a diplomatic process, briefed the CBI about the allegations, probably even before they were published in The Globe and Mail. Following a personal interaction with Canadian officials, the CBI has been “actively” inquiring into the 2007 deal for purchase of facial recognition biometric systems from a Canadian firm named CryptoMetrics. A few days ago, the CBI asked Canadian authorities for a written statement of Indo-Canadian businessman Nazir Karigar, whom the Royal Canadian Mounted Police (RCMP) is planning to prosecute under the newly-legislated Foreign Public Officials Act.

Heavy Industries Minister and former civil aviation minister Praful Patel was named by the newspaper as an intended beneficiary of a \$ 250,000 bribe supposed to have been given by Karigar. Calling the allegations in the report “baseless and false”, Patel sent a letter to the Prime Minister requesting him to get all the documents related to the aborted contract examined by any agency and then convey the factual position to the authorities in Canada to avoid any “embarrassment to the Government of India or to me personally”.

[IT professionals called to contribute to biometric voting register](#)

Mr Haruna Iddrius, Minister of Communications, on Thursday called on Information Technology (IT) professionals to contribute to the debate on the biometric voters register to improve electoral processes in the country.

He said IT professionals played a crucial role in the social, economic and political development of every country.

Mr Iddrisu said this at the opening of a two-day conference by the Information Technology Association of Ghana (ITAG) on the theme: “Building a Network of IT Professionals for Accelerated National Development” in Accra.

The meeting is being attended by members of the Information Technology Association of Nigeria, the Ghana Medical Association, the Ghana Institute of Engineers, the Ghana Bar Association.



Haruna Iddrisu - Communications Minister

Mr Haruna noted that Information Communication Technology (ICT) was an important tool that would enable professionals from all sectors of the economy to improve on their productivity for national development.

The Sector Minister reiterated government’s commitment to provide an enabling environment for professionals in the IT industry to operate.

He announced that the month of May would be dedicated to the celebration of female IT professionals who had excelled in the discharge of their duties.

[New Report Finds Biometric ID Card Could Cost \\$40 Billion](#)

Newswise — A mandatory biometric employment verification card for all U.S. workers could cost at least \$40 billion, infringe on Americans’ civil liberties, and fail to stop the employment of undocumented immigrants, according to a new report. [Hard to BELIEVE: The High Cost of a Biometric Identity Card](#) finds that a biometric ID card would not only have a hefty initial price tag, but it will also cost \$3 billion in ongoing annual expenditures.

The report, released by the Chief Justice Earl Warren Institute on Law & Social Policy at UC Berkeley School of Law, is a first-ever in-depth analysis of the costs of establishing a biometric employment identity card. The mandatory card, containing a worker's fingerprints or a hand vein scan, would replace various forms of ID, such as a driver's license, social security card and passport, during the hiring process.

Republican presidential candidates Mitt Romney and Newt Gingrich have supported a version of a biometric employment card as part of immigration reform during campaign debates. The idea was first raised in 2010 by Senators Charles Schumer (D-NY) and Lindsay Graham (R-SC), among others, but it was never proposed as legislation. According to Schumer's plan, job seekers and employees would apply for the government biometric card and then present it to an employer or third-party verifier.

"The idea of a biometric ID card failed to gain political traction on Capitol Hill and for good reason: It can't deliver all that it promises to U.S. taxpayers who will be footing the bill," said Aarti Kohli, director of immigration policy at the Berkeley Law Warren Institute.

To download the report, click [here](#).



[Aadhaar advantage: Correct ID of beneficiaries can save Govt Rs 15,000 cr](#)



People getting biometric identification done for the Aadhaar card. (file photo)

Mumbai, Feb 11:

The Government of India could save over Rs 15,000 crore even if 10 per cent of the money (Rs 1,50,000 crore) spent on food, fertilisers and fuels each year can be saved by identifying and eliminating duplication in recipient data, according to Mr Ajay Bhushan Pandey, Deputy Director-General, Unique Identification Authority of India.

He was speaking at the Institute of Management Consultants of India's (IMCI) national convention in Mumbai organised in collaboration with the Narsee Monjee Institute of Management Studies on Saturday.

Mr Pandey underlined the cost benefit of the UID programme, which is estimated to cost the Government Rs 18,000 crore, and explained the figure of 10 per cent savings.

"The Government of Maharashtra gives grants to school students from certain segments of about Rs 1,500 crore.

A drive was undertaken one year ago, to give those students money directly by getting them to open bank accounts. By the end of the year, they had spent only Rs 1,000 crore and there were no claimants for the remaining Rs 500 crore, because those students don't exist," Mr Pandey pointed out.

With linking of biometric data collected through the UID project to the bank accounts, there would be further tightening of data by avoiding duplication, he said.

"Verification processes have shown that 10 to 15 per cent of the existing data is bogus," he said, citing the case of a drive on enrolment data in schools in Maharashtra, on the basis of which grants for mid-day meals, books and other benefits are awarded.

Underlining the need for capturing biometric data that ensures uniqueness for each individual, he said: "I used to live in Delhi and had a ration card there. When I moved to Mumbai, I got one here. Even in the same place, it is possible to get multiple PAN cards by using a small change in the spelling of the name or change in address. The existing data is not robust enough because they cannot 'talk' to each other. With the UID data being online, verification to avoid duplication is possible."

[Cyber and Physical Smart Security Converge at CARTES in North America](#)



LAS VEGAS, Feb 13, 2012 (BUSINESS WIRE) -- Organizations face persistent challenges of ensuring security and privacy, confirming

identity, managing authorization and legitimizing business transactions in both cyber and physical worlds. At CARTES in North America, March 5-7, 2012 in Las Vegas, Nev., security and smart card authorities will present a roadmap for organizations to address these issues along with real-world strategies for managing risks from the growing prevalence of mobile applications as well as new cloud-based services.

The pace of technological change, risk of data breaches and misuse of information are raising consumer concerns throughout the world about the use of their personal data. In the United States the collection of personal data is big business with companies spending up to \$2 billion a year to collect it, according to a recent report from Forrester Research. CARTES in North America will host a day-long track on March 5, on IT Security, Trust & Privacy, featuring speakers from the United States and Europe addressing topics ranging from the security of electronic identification solutions and the application of biometrics, to how to leverage mobile applications for authentication and privacy protection. The track is presented in three sections: ID Authentication, Biometrics and Privacy Protection; IT Security & Cloud Computing and Digital ID & Transactions. The conference program highlights on March 5 include silver sponsor HID Global presenting a session on "The New Reality of Converged Access Through Smart Cards."

[Ukraine Notices Compliance With EU Recommendations On Visa Liberalization](#)

The Ministry of Foreign Affairs of Ukraine notices Ukraine's compliance with a good deal of the European Union's recommendations to proceed to the second, implementation phase of the Action Plan on Visa Liberalization between Ukraine and the EU, Ministry press service has announced in a statement.



The Ministry of Foreign Affairs of Ukraine

The Foreign Ministry, when commenting on the European Commission's Second progress report on the implementation by Ukraine of the first, legislative phase of the Action Plan on Visa Liberalization, found it necessary to underline that the European Commission's estimations based on the information as at late November 2011, in accordance with which the Ukrainian party had performed work on four blocks of criteria of the first phase of the action plan: "Document security, including biometrics", "Irregular immigration, including readmission", "Public order and security" and "External relations and fundamental rights."

"The estimations contain a number of recommendations that must be fulfilled to proceed to the second phase of the Action Plan. In this context it is necessary to notice that a good deal of these recommendations has been already fulfilled," the statement said.

In particular, as the Foreign Ministry remarks, they have endorsed a government program for the prevention and interdiction of corruption until 2015 and an action plan for the realization of the state policy concept in the sphere of fighting against organized crime.

They have finished drafting a national-level program for counteracting trafficking in humans until 2015, regulatory legal acts required for proper implementation of the Law On Refugees and Persons in Need of Subsidiary and Temporary Protection and the Law of Ukraine on Legal Status of Foreigners and Stateless Persons, going on with the work on preparing regulatory and legal framework

for the introduction of documents containing biometric data.

[Key Source International launches new line of security keyboard](#)

Key Source International, based in Oakland California is one of the leaders in professional input devices for Fortune 1000 companies and system integrators worldwide is proud to announce a new line of Professional Series keyboards. These products are designed to meet the growing demand for secure computing in the corporate enterprise as well as the government sector and the healthcare industry.



The KSI Pro Series® product line features various combinations of secure input devices integrated into a space saving, ergonomic keyboard offering.

Primary to the KSI Pro-Series® is a biometric finger identification sensor. This sensor can be used in combination with smart card, magnetic stripe reader as well as an HID proximity badge reader. The Key Source International Pro-Series® allows mix and match of any of these secure input devices with both the AuthenTec or STMicro "TouchChip ä " biometric sensor all integrated in either a standard 104 and small space saver keyboard, both have USB interface and additional USB extension ports.

[Female Passengers Say They're Targeted By TSA](#)

DALLAS (CBSDFW.COM) - Women passengers complain that TSA agents are targeting them for extra screening.

The Transportation Security Administration has a policy to randomly select people for extra screening, but some female passengers are complaining. They believe there is nothing "random" about the way they were picked.

A Dallas woman says TSA agents repeatedly asked her to step back into a body scanning machine at DFW International Airport. "I feel like I was totally exposed," said Ellen Terrell, who is a wife and mother. "They wanted a nice good look."

When Ellen Terrell and her husband, Charlie, flew out of DFW Airport several months ago, Terrell says she was surprised by a question a female TSA agent asked her. "She says to me, 'Do you play tennis?' And I said, 'Why?' She said, 'You just have such a cute figure.'"

Terrell says she walked into the body scanner which creates an image that a TSA agent in another room reviews. Terrell says she tried to leave, but the female agent stopped her. "She says, 'Wait, we didn't get it,'" recalls Terrell, who claims the TSA agent sent her back a second time and even a third. But that wasn't good enough.

After the third time, Terrell says even the agent seemed frustrated with her co-workers in the other room. "She's talking into her microphone and she says, 'Guys, it is not blurry, I'm letting her go. Come on out.'"

When TSA agents do a pat down on a traveler, only female agents are allowed to touch female passengers. But the TSA allows male agents to view the images of female passengers.

Ellen and Charlie Terrell are convinced that the extra screenings were unnecessary, possibly even voyeuristic. "I think it's sexual

harassment if you're run through there a third or fourth time," responded Texas State Representative Lon Burnam of Fort Worth. "And this is not the first time I have heard about it," said Burnam, who adds that a number of his constituents have voiced concerns about privacy.

CBS 11 News dug through more than 500 records of TSA complaints and found a pattern of women who believe that there was nothing random about the way they were selected for extra screening. TSA redacted the names of the passengers who complained, but here are quotations from several complaints. "I feel I was targeted by the TSA employee to go through the see-you-naked machine because I am a semi-attractive female."

"The screener appeared to enjoy the process of picking someone rather than doing true random screening. I felt this was inappropriate. A woman behind me was also "randomly selected." "TSA staff 'trolling' the lines looking for people to pull out was unprofessional." "After that, I saw him going to the private room where x-rays are, to speak to the guy on that room."

"I know he went to that room to see my naked body through the machine with the other guy."

2/13/2012 update: This story has led to new legislation being introduced in the U.S. Senate. [Click here for that part of the story.](#)

Watch the Video [here](#):



[BREAKING NEWS: Kurt Haskell Exposes Government False Flag Operation During Underwear Bomber Sentencing](#)

On Christmas Day 2009, my wife and I were returning from an African safari and had a connecting flight through Amsterdam. As we waited for our flight, we sat on the floor next to the boarding gate. What I witnessed while



sitting there and subsequent events have changed my life forever. While I sat there, I witnessed Umar dressed in jeans and a white t-shirt,

being escorted around security by a man in a tan suit who spoke perfect American English and who aided Umar in boarding without a passport. The airline gate worker initially refused Umar boarding until the man in the tan suit intervened. The event meant nothing to me at the time. Little did I know that Umar would try to kill me a few hours later as our flight approached Detroit. The final 10 minutes of our flight after the attack were the worst minutes of my life. During those 10 minutes I sat paralyzed in fear. Unfortunately, what happened next has had an even greater impact on my life and has saddened me further.

When we landed, I was shocked that our plane taxied up to the gate. I was further shocked that we were forced to sit on the plane for 20 minutes with powder from the so called bomb all over the cabin. The officers that boarded the plane did nothing to ensure our safety and did not check for accomplices or other explosive devices. Several passengers trampled through parts of the bomb as they exited the plane. We were then taken into the terminal with our unchecked carry on bags. Again, there was no concern for our safety even though Umar told the officers that there was another bomb on board as he exited the plane. I wondered why nobody was concerned about our safety, accomplices or other bombs and the lack of concern worried me greatly. I immediately told the FBI my story in order to

help catch the accomplice I had seen in Amsterdam. It soon became obvious that the FBI wasn't interested in what I had to say, which upset me further. For one month the government refused to admit the existence of the man in the tan suit before changing course and admitting his existence in an ABC News article on January 22, 2010. That was the last time the government talked about this man. The video that would prove the truth of my account has never been released. I continue to be emotional upset that the video has not been released. The Dutch police, meanwhile, also confirmed that Umar did not show his passport in Amsterdam which also meant that he didn't go through security as both are in the same line in Amsterdam. It upsets me that the government refuses to admit this fact.

I became further saddened from this case, when Patrick Kennedy of the State Department during Congressional hearings, admitted that Umar was a known terrorist, was being followed, and the U.S. allowed him into the U.S. so that it could catch Umar's accomplices. I was once again shocked and saddened when Michael Leiter of the National Counter terrorism Center admitted during these same hearings that intentionally letting terrorists into the U.S. was a frequent practice of the U.S. Government. I cannot fully explain my sadness, disappointment and fear when I realized that my government allowed an attack on me intentionally.

During this time, I questioned if my country intentionally put a known terrorist onto my flight with a live bomb. I had many sleepless nights over this issue. My answer came shortly thereafter. In late 2010, the FBI admitted to giving out intentionally defective bombs to the Portland Christmas Tree Bomber, the Wrigley Field Bomber and several others. Further, Mr. Chambers was quoted in the Free Press on January 11, 2011 when he indicated that the government's own explosives experts had indicated that Umar's bomb was impossibly defective. I wondered how that could be. Certainly, I thought, Al Qaeda wouldn't go through all of the trouble to plan such an attack only to provide the terrorist with an impossibly defective bomb.

Upcoming Events:

March 29 – April 1 2012 New Delhi, India

[ICB 2012 The 5th International Conference on Biometrics](#)



[Call for papers:](#)

International Conference on Biometrics was established in 2006 as a biennial conference by merging AVBPA (Audio- and Video-based Person Authentication), ICBA (International Conference on Biometric Authentication) and other biometric workshops, and has established itself as a premier international conference in biometrics. The first edition of ICB was held in Hong Kong, China (2006), the second in Seoul, Korea (2007), and the third in Alghero, Italy (2009). The fourth edition was held in conjunction with the BTAS conference (Biometrics: Theory, Applications, Systems) in Washington, DC, USA (October 2011) and called the International Joint Conference on Biometrics (IJCB). ICB is an official conference of the IAPR Technical Committee on Biometrics (TC4).

The 5th International Conference on Biometrics (ICB 2012) will have a broad scope and invites papers that advance biometric technologies, sensor design, feature extraction and matching algorithms, analysis of security and privacy, and evaluation of social impact of biometrics technology. Topics will include biometric systems based on fingerprint, iris, face, voice, gait and other modalities as well

as biometric fusion and emerging biometrics based on novel sensing technologies.

All submissions must clearly articulate the novelty of the work and must report results on publicly available datasets whenever possible. Submissions will be carefully reviewed by a double-blind process.

April 3 – 4 New York

[VBC NEW YORK, 2012: Benchmarks, Use Cases and Real World Experience:](#)



We're very pleased to showcase the ever-expanding set of present solutions and future opportunities for voice biometrics to support speaker identification and verification around the world. With enrolled voiceprints already exceeding 6 million, we're witnessing an accelerated deployment of voice biometric-based solutions to support trusted commerce:

- At diversified telecommunications companies – where it promotes rapid recognition of callers to support customer care and problem resolution
- Among retail banks and financial services companies – to promote trust between trading partners to support peer-to-peer payment
- Pension funds and government agencies – as proof of life for transfer payments.
- Hosted service providers – as a path for growth in support of cloud-based e-commerce.
- Law enforcement agencies – for speech isolation and speaker detection that holds up in court

Aug. 26-31- 2012 Kobe, Japan

[International Biometric Conference](#)



We are pleased to welcome you for the XXVIth IBC in Kobe, Japan. As always, it will bring together participants from all over the world working in academic institutions, government agencies, and industry to exchange ideas on the latest advances in biometry, biostatistics and bioinformatics. It will also be an occasion to meet old and new friends, and the chance to visit historical cities such as Kobe, Kyoto and Nara.

[Call for papers](#)