Institute for Defense and Government Advancement (IDGA) Biometrics for Government and Law Enforcement

**Date:**
Monday, January 25, 2016 to Wednesday, January 27, 2016

**Location:**
Washington District Of Columbia
United States

**Event URL (Webinar URL or other):**
Institute for Defense and Government Advancement (IDGA) Biometrics for Government and Law Enforcement
http://www.biometricsevent.com/

**Details:**
**Identity Innovation: Requirements for Next Generation Government and Law Enforcement Applications**

The rapid pace of innovation in today’s biometric technology is making the process of analysis and authentication more effective, efficient, and secure. Advances in mobile and multi-modal analysis, including fields such as video analytics, facial imagery, Rapid DNA and balistocardiographic identity, are advancing and refining the field of biometrics to better meet law enforcement and national security priorities.

We will bring together government and industry experts at the forefront of developing the next generation of analytics-based biometrics, including representation from CJIS, BCOE, DFBA, DoD, DIA, DARPA, DHS, FBI, DOJ, OPNAV, HQ USMC, AFOSI, NIST GAO

**Now Factor:**
The U.S. Government has identified preeminent challenges facing biometric programs, including maximizing mobile and multi-modal authentication technology to expand reach and enable flexibility while maintaining speed and accuracy guidelines. Additionally the management and development of more efficient and effective large-scale operational capabilities and the establishment of standards for plug-and-play performance and system interoperability will inform our discussion throughout the event.

**What are the Benefits of Attending?**
- Learn the most up to date requirements for multi-modality and mobility in biometrics tools
- Explore the latest technology for reducing error margins across multiple modes of identity recognition
- Discover techniques for securing biometrics tools from spoofing
- Hear the latest defense requirements for biometrics
- Explore cloud-based solutions to large scale data requirements

**Topics for this year include:**

**Mobile Biometric Technology:** Mobile biometrics speed up processing of human identification by bringing portability to biometrics capability in the field. Learn the latest technology requirements to achieve mobile device biometric identification. The Federal Bureau of Investigation (FBI’s) Criminal Justice Information Services (CJIS) is seeking vendors for the development of a mobile application that can capture biometrics on android-based devices.

**Facial Recognition Modality at the Border:** US Customs and Border protection is leveraging one of the most popular biometric modalities, facial recognition, as a tool at ports of entry. Leveraging a smartphone, tablet or
computer’s built-in camera facial recognition software can be used to replace the password on a user’s accounts and it can be used by retailers and marketers to gather crucial demographic data. This technology is critical to identification of wanted persons and in border control deployments it can streamline security operations.


**Rapid DNA:** Rapid DNA Analysis technology brings full automation of profile development from a reference sample swab. The “swab in – profile out” process consists of automated extraction, amplification, separation, detection and allele calling without human intervention.

**Multimodal Biometric Authentication (Next Generation Identification)**
Multimodal biometric authentication systems take input from a single or multiple biometric devices for measurement of two or more different biometric characteristics to ensure authentication accuracy.

**We will also take an in-depth look at:**
- Leveraging cloud computing for biometric data to speed up process times
- Solutions to address “big data” requirements
- Transitioning out of legacy systems to new databases and tracking platforms
- Technologies to improve biometric accuracy (from 96% to 98.5%)
- Intuitive scanners that adapt to challenging lighting and stability environments
- Utilizing patch based recognition. (ie based on partial information)

**What’s New This Year:**
- Technical Training Day includes a site tour of CBP/DHS new Maryland Test Facility (MdTF)
- National Information Exchange Model (NIEM) Biometrics Domain (NBD) Training Workshop
- Focused sessions on mobile and multi-modal biometrics innovation
- In-depth look at video analytics for real time authentication
- ...and much more

**Postal Address**

**C. Type:**
Event