Army Acquisition, Logistics and Technology

Project Management Office, DoD Biometrics Overview to AFCEA Fort Belvoir

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DoD Biometrics
Agenda

- What are Biometrics and Why are They Important?
- Evolving Strategic Landscape
- Biometrics Strategic Focus
- Enterprise
- Programs
- Roadmap
- High Expectations
- Business Opportunities
- Questions
What are Biometrics and Why are they Important?

- **Biometrics can be defined as either a characteristic or a process** *(Joint Publication 1-02):*
  - **Characteristic:** Measurable physical characteristic or personal behavior trait used to recognize the identity or verify the claimed identity of an individual
  - **Process:** The process of recognizing an individual based on measurable anatomical, physiological, and behavioral characteristics

- **PM, DoD Biometrics supports:**
  - DoD missions across warfighting and intelligence mission areas
  - Force protection of essential capabilities, personnel and resources

**Who are you?**
**Where have you been?**
**Are you who you say you are?**

**Biometrics: Identify, Enable and Protect**
The value of Biometrics was proven in war, but the paradigm has shifted and challenges our future capability. Future biometric strategies and capabilities must establish solutions in peace that provide the same or better capability for DoD and its’ agency and multi-national partners while being both efficient and affordable.
PM DoD Biometrics Strategic Focus

VISION:
To be a premier, agile acquisition organization providing innovative biometric solutions to protect the nation through global identity superiority

MISSION:
Design, engineer, acquire, deploy, and sustain enterprise biometric solutions enabling identity dominance for the Department of Defense

GOAL 1:
Maintain support of the Warfighter through Quick Reaction Capabilities (QRCs)

GOAL 2:
Ensure enduring biometric capability by institutionalizing programs

GOAL 3:
Build relationships and customer confidence with stakeholders

GOAL 4:
Balance requirements with affordability and long-term sustainability; effectively manage resources to achieve better buying power; act as responsible stewards of taxpayer dollars

GOAL 5:
Develop an organizational structure, workforce, and culture capable of creative and critical thinking that is able to adapt to dynamic missions and environments
**Department of Defense Automated Biometrics Identification System (DoD ABIS)**

Authoritative DoD database for known or suspected terrorists and third country nationals

**Acronyms**

- BAT – Biometrics Automated Toolkit - Army
- BEWL – Biometrically Enabled Watch List
- HIIDE™ – Handheld Interagency Identification Detection Equipment
- NIPRNet – Non-secure Internet Protocol Router Network
- SEEK II™ – Secure Electronic Enrollment Kit
- SIPRNet – Secure Internet Protocol Router Network

**Authoritative Repository**

**Tactical Biometrics Collection**

- Non-Standard Equipment
  - Iris
  - Finger Prints
  - Face
  - Palm Print
PM DoD Biometrics Programs

Enterprise

PM
COL Sandy Vann-Olejasz

Product Manager
(Organization)

PM
LTC Erik Pavlick
Biometrics Enabling Capability (BEC)

PM
LTC Jackie Barnes
Joint Personnel Identification (JPI)

Quick Reaction Capability (QRC)
(Current Products)

DoD ABIS

SEEK™ Handheld Biometric Collection Device

HIIDE™ Handheld Biometric Collection Device

BAT Mobile Biometric Collection Device

Enduring Programs

BEC Inc 0
DoD ABIS v1.2

Retain per NSE AROC

Acronyms
ABIS – Automated Biometrics Identification System
BAT – Biometrics Automated Toolkit
HIIDE™ – Handheld Interagency Identification Detection Equipment
Inc – Increment
NSE AROC – Non-Standard Equipment Army Requirements Oversight Council
PM – Project Manager; Product Manager
SEEK™ – Secure Electronic Enrollment Kit

DoD ABIS is the current authoritative DoD database of collected biometric data, providing capture, hold or release status to the Warfighter.

Tactical devices collect biometric data, providing it to DoD ABIS and maintain current watch list data for tactical environment matching.
### Acronyms

- **ABIS** – Automated Biometric Identification System
- **BAT** – Biometric Automated Toolset
- **BEC** – Biometrics Enabling Capability
- **BEWL** – Biometrically Enabled Watch List
- **BISA** – Biometric Identification System for Access
- **COTS** – Commercial off the shelf
- **HIIDE™** – Handheld Interagency Identity Detection Equipment
- **HW** – Hardware
- **IAFIS** – Integrated Automated Fingerprint Identification System
- **JPI** – Joint Personnel Identification
- **NDI** – Non-Developmental Item
- **NG-ABIS** – Next Generation ABIS
- **OEF** – Operation Enduring Freedom
- **OIF** – Operation Iraqi Freedom
- **SEEK™** – Secure Electronic Enrollment Kit
- **SW** – Software
- **TCM BF** – Training and Doctrine Command Capability Manager, Biometrics & Forensics

### America’s Force of Decisive Action

**NOTE:** Strategic choices will require protracted sustainment of current capabilities. Updated acquisition strategies to follow.
High Expectations

- What should be in your “kit bag” when seeking contracts
  - Cost Effectiveness
  - Competence
  - Responsiveness
  - Flexibility
  - Innovation

We are looking for vendors that can help drive down enterprise cost drivers without trading operational effectiveness.
Business Opportunities

- **Authoritative Biometrics Repository Contract**
  - Data center software development; systems integration; systems maintenance; virtualization / cloud computing.

- **Tactical Biometric Devices – Sustainment Contract**
  - Logistics: Post production hardware and software support and field support engineering for biometrics tactical collection devices.

- **Project Management Office Support**
  - Provide project management and engineering support.

Opportunities will be announced through FedBizOpps as they become available.
Questions?
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Strategic Biometrics Landscape

- Funding Cuts – Challenges associated with post-war resourcing realities
- Drawdowns – System retrograde from the AOR; moving to sustainment
- Inventory – Fewer systems in service inventories
- Procurements – Fewer; Seeking affordable commercial solutions
- Consolidations – Co-location of assets / servers to seek efficiencies
- Terminations – Cancellation of expensive follow-on products / capabilities

The value of Biometrics was proven in war, but the Paradigm has already shifted and it threatens future capability. Future biometric strategies and capabilities must be both capable and affordable, and must establish solutions in peace that provide the same or better capability for DoD and its’ agency and multi-national partners.
Just over the Horizon

Where can technology lead us?

• New family of Biometrics Tactical Collection Devices (BTCDs)
• BTCDs capable of performing multiple tasks
• Speech pattern recognition and other unique features
• Faster capabilities at the point of collection - finger print, palm and iris
• Improved / streamlined networks with less dependency on deployed servers
• New software that can improve accuracy and accelerate multi-modality identity match