BIOMETRICS TASK FORCE (BTF)

**Biometrics
Advanced Planning Brief to Industry (APBI)**

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www.biometrics.dod.mil**

Purpose of APBI

- Establish a forum to align initiatives between industry and government

- Provide industry with updates on DoD biometrics programs

- Provide BTF with an opportunity to leverage industry best practices

- Push industry to transition capabilities to viable government solutions

- Address challenges facing biometric community

- Determine an efficient and effective way ahead
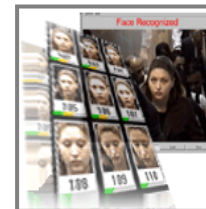
Answering the Call

- In the post 9/11 world, Information Assurance and Identity Management are more important than ever before – our nation must secure access to vital information and installations

- 2007 saw significant movement and growth in DoD biometrics technologies within OEF/OIF, both for access and identification of known threats

- Current operations have proven that Warfighters rely on advanced tools for distinguishing friend from foe

- BTF is developing and fielding biometric technologies in theater and at home

- BTF has secured staffing, with representation across the DoD and partners in PM Biometrics, to develop an efficient and effective way ahead for biometric applications

- Working with the biometrics community throughout the DoD, other agencies, and industry to support the fight…failure is not an option

DoD Biometrics

- Biometrics provides the critical identity component to DoD's core missions – fixing and freezing identity

- Biometrics supports DoD mission areas:
  - Force Protection
  - Intelligence
  - Logical/ Physical Access
  - Identity Mgt/Credentialing

- Emerging nature of biometrics and the requirement for interoperability and broad information sharing requires strategic coordination and collaboration

- System development and capability implementation strategies must be harmonized, integrated, and unified with identity protection and management stakeholders across DoD and the U.S. Government
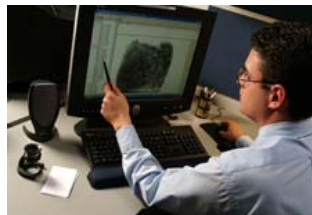
Biometrics Task Force Organization

**Secretary of the Army / Army G-3
(Executive Agent)**

**Biometric Task Force (BTF)
Office of the Director**
- Provide organization leadership and guidance
- Coordinates with DoD, inter-agency, and international identity management stakeholders

Biometrics Integration Directorate (BID)
- Defines the strategic direction for biometrics uses in DoD
- Leads development of standards, policy, architecture, and outreach

Biometrics Operations Directorate (BOD)
- Operates the authoritative DoD biometrics database for adversary and neutral forces
- Evaluates biometric equipment and supports field operations of equipment

Capabilities

Biometrics are "measurable physical and behavioral characteristics that enable the establishment and verification of an individual's identity."

- Capstone CONOPS for DoD Biometrics, November 2006.

Forensic Exploitation

Identity Validation / Credentialing
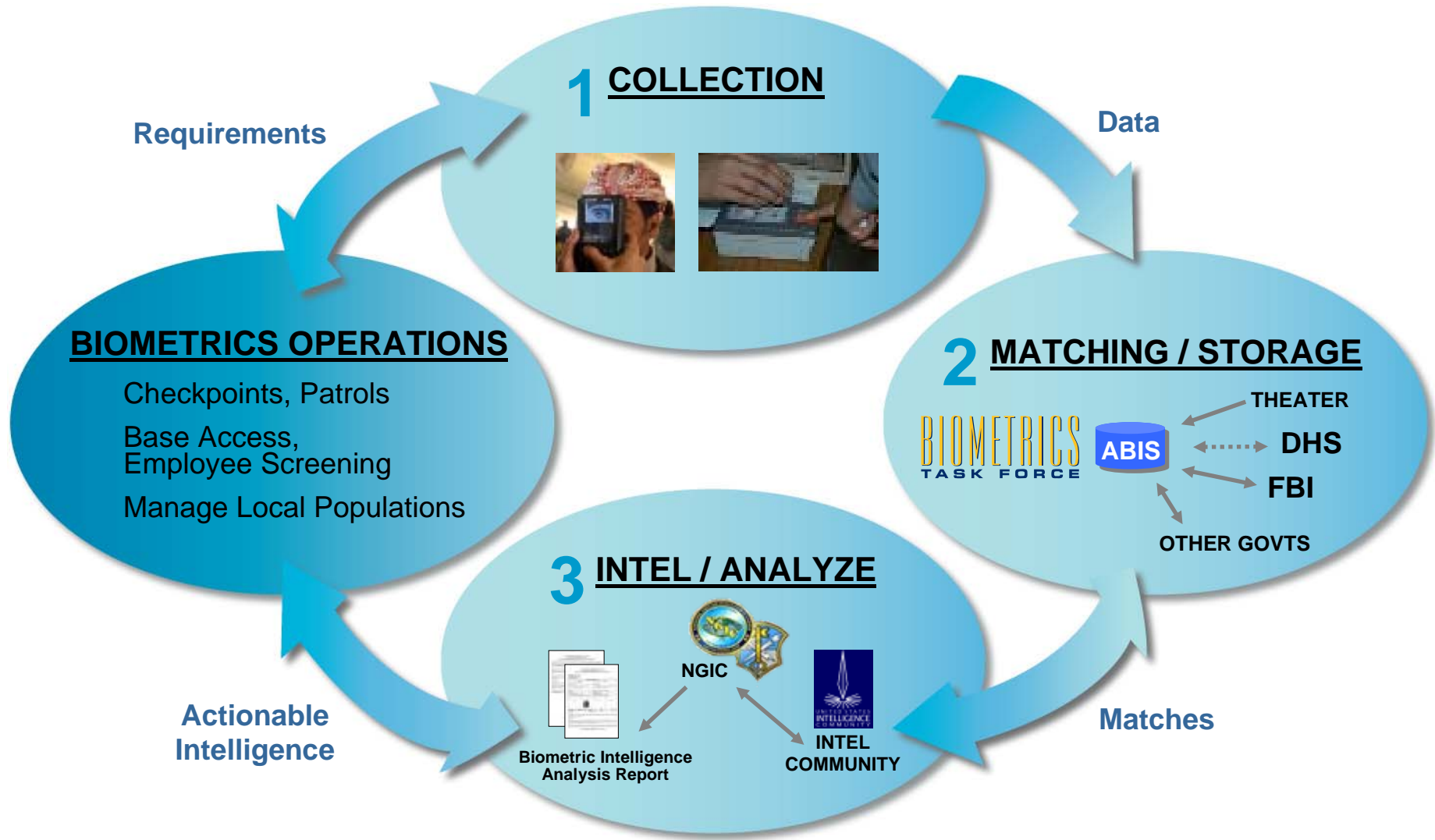
Control Access

Info Sharing

Delivering Capabilities to Warfighters

Uses Of Biometrics in the DoD

1 COLLECTION

Requirements

Data

BIOMETRICS OPERATIONS

Checkpoints, Patrols

Base Access,
Employee Screening

Manage Local Populations

2 MATCHING / STORAGE

BIOMETRICS TASK FORCE ABIS

THEATER

DHS

FBI

OTHER GOVTS

3 INTEL / ANALYZE

NGIC

INTEL COMMUNITY

Biometric Intelligence
Analysis Report

Actionable Intelligence

Matches

Current Environment

DEPLOYED SYSTEMS

ABIS - Automated Biometric Identification System

BAT - Biometrics Automated Toolset

BISA - Biometrics Identification System for Access

CROSSMATCH JUMPKITS

DBIDS - Defense Biometrics Identification System

DRS - Detainee Reporting System

HIIDE - Handheld Interagency Identification Detection Equipment

RESULTS

2+ million ABIS entries

188,000 ABIS matches

Federal and DoD sharing

Watch list matches

NEAR-TERM IMPROVEMENTS

Architecture efficiency and sustainability

Data searches and **rapid matching**

More base access systems in CENTCOM AOR

Support for more **collection devices**

Database flexibility

Untethered collection and verification

DoD Biometric Strategy

FY 08	FY 09	FY 10

Optimize What We Have

Meet Immediate Warfighter Needs

- BAT & HIIDE Service Packs/Fielding
- BAT-DBIDS Bridge
- NGIC AIMS/Intel Analysis

Improve the Existing Architecture

All Systems are Interoperable & Compatible

- Last Tactical Mile
- Family of Systems
- NGA
- MLS CDS

Build What We Need

Establish Future Enterprise

- Navy IDS
- CDRT
- Enterprise Architecture
- BTF/CJIS Facility

Support immediate needs while building for the future

Success Story: Installation Entry
Ft. Hood Phantom Express

- Savings so far = $5M per year in guard costs
- Correct admittances on enrolled persons/vehicle
  - No misreads or failed IDs on RFID TAGS, CACs or DBIDS issued cards
  - Pass-through time is 6-8 seconds per vehicle typical
- False positives = unauthorized is admitted
  - None on record
  - Unregistered entering the lanes are stopped by gate arm and red light
  - One incident of gate-running resulted in broken gate arm -- Subject was detained
- False negatives = authorized are rejected
  - Dual use of automated lane caused some registered vehicles to be interpreted as unregistered
- Fort Hood automating a total of 49 lanes, 90,000 registrants

Today's Topics

- **Where you can help**
  - Architecture
  - Identity Management
  - Standards
  - Family of Systems
  - Tomorrow's Technologies
  - Broad Agency Announcement

- **Biometrics - In the field and in practice**
  - DoD and Intelligence Community
  - Marine Corps Initiatives
  - SOCOM
  - NORTHCOM
  - Navy Identity Management
  - Forensics
  - Privacy