



BIOMETRICS
DEPARTMENT OF DEFENSE

DoD

Biometrics Management Office

Update

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Biometrics Management Office

Biometric Consortium Conference 2004

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www.biometrics.dod.mil



Agenda



- ➔ DoD Biometrics Organization
 - ▶ Biometrics Background
 - ▶ Current Focus on the Global War on Terrorism
 - ▶ Power of Biometric Data: Case Study

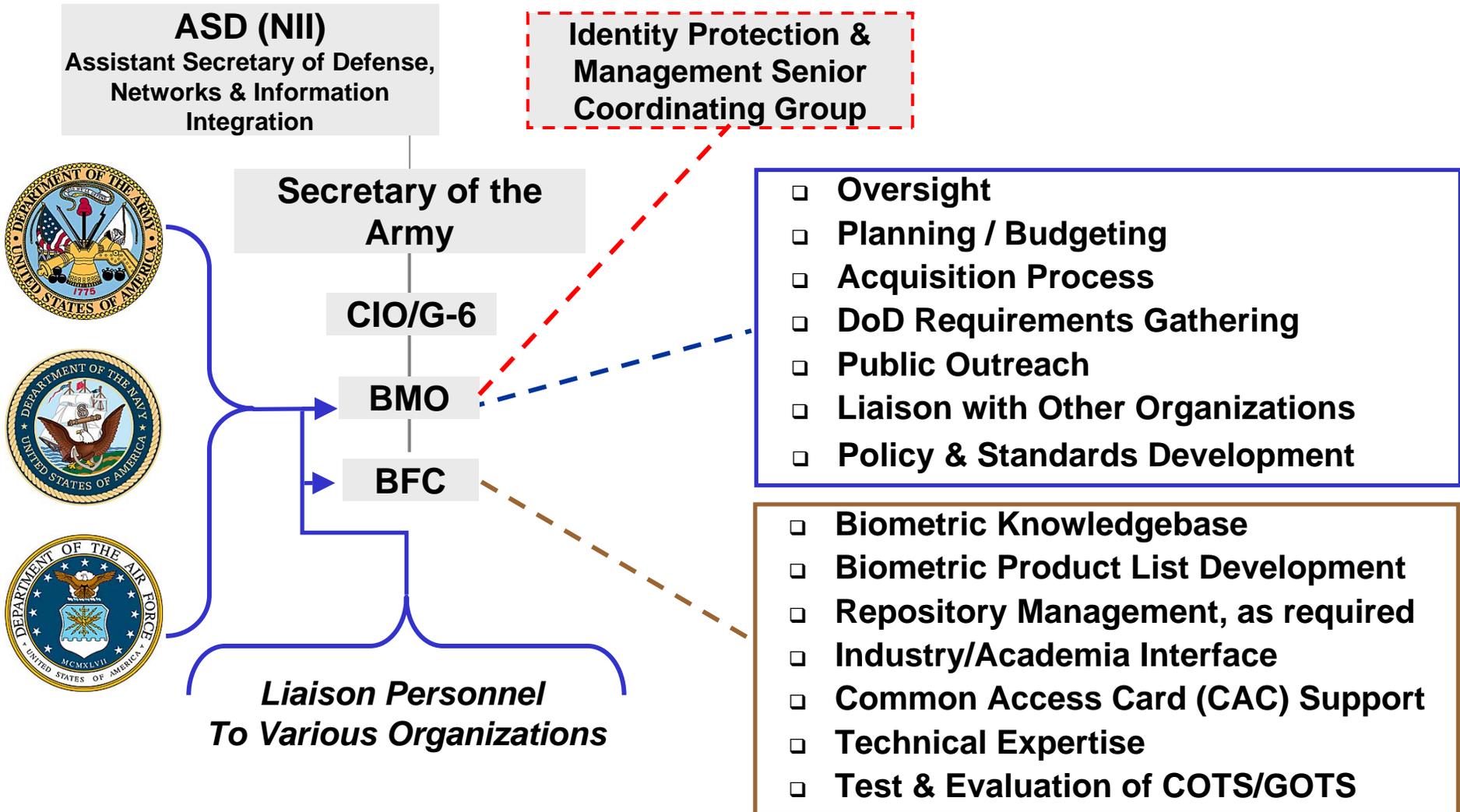
The views presented are those of the speaker or author and do not necessarily represent the views of DoD or its components.



DoD Biometrics Organization

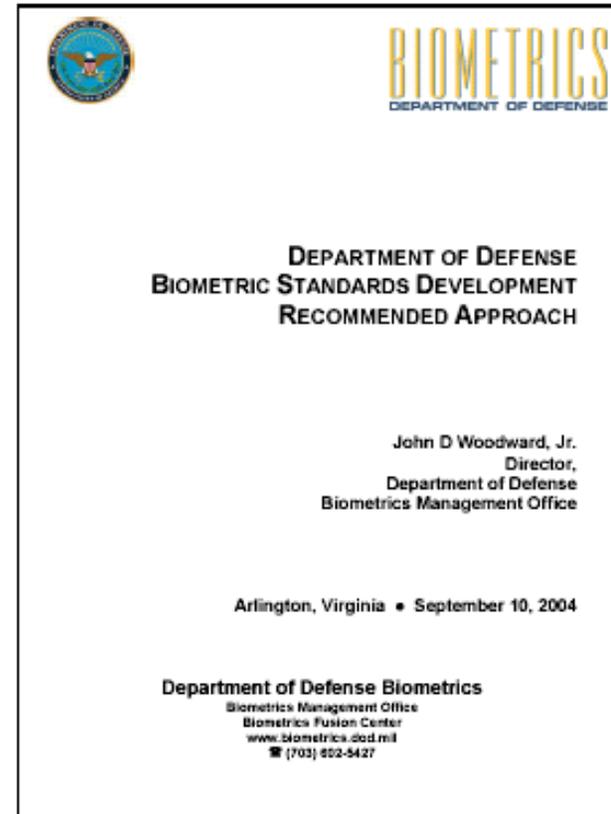
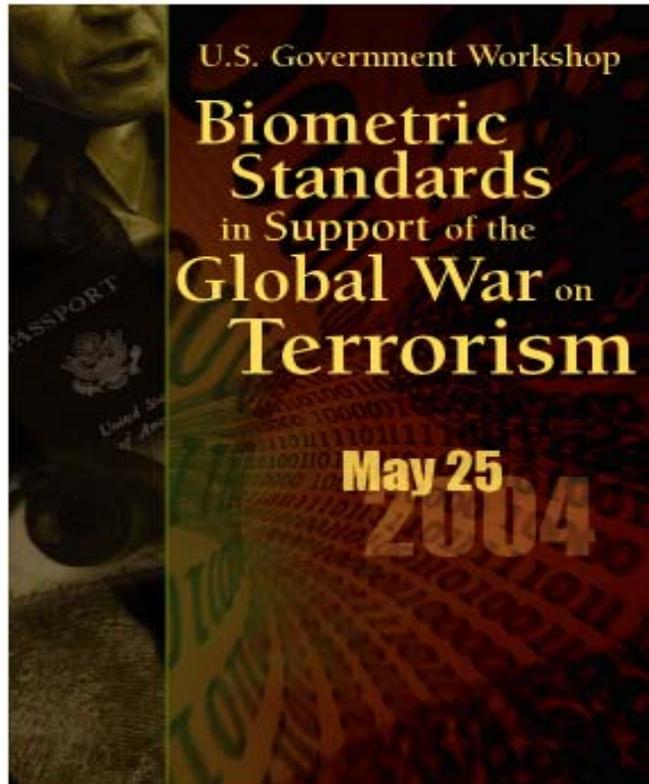


Chain of Command





Standards Achievements



Available at...
www.biometrics.dod.mil



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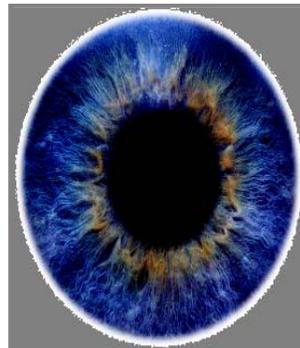


Biometrics



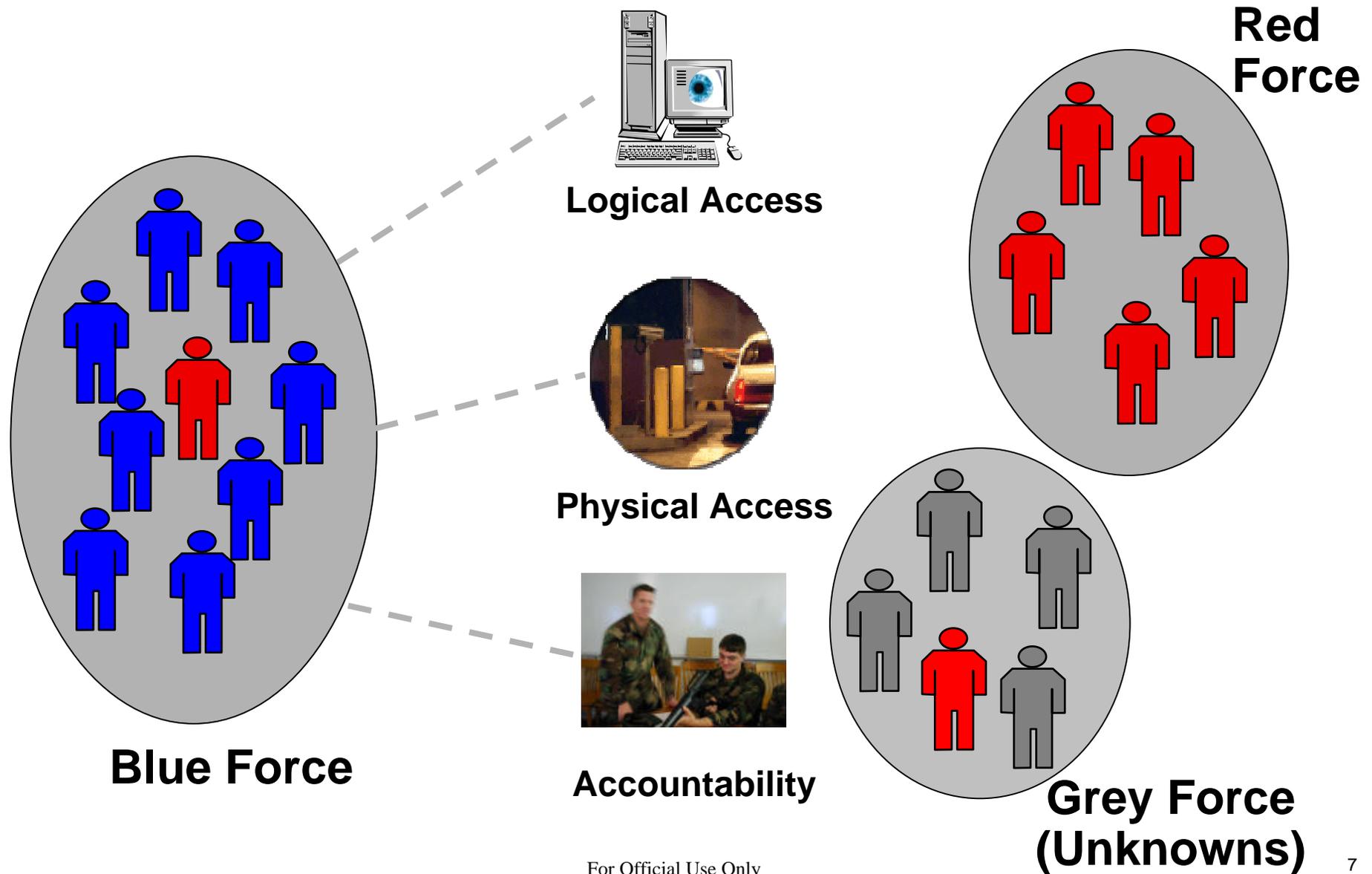
► Biometrics

- Automated,
 - Measurable,
 - Physiological and/or behavioral characteristics
- That can be used to:
 - Verify the identity of an individual (1:1)
 - Identify an individual (1:N)





Identity Management Challenge





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Requirement: Force Protection, Actionable Intelligence, Law Enforcement

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Linked to

Past
Activities

Previous
Identities

- Previously detained?
- Previously arrested in US or other countries?
- Fingerprints matched to terrorist or crime scenes?
- Previous Identities
 - User of alias identities
 - User of alias “official” documents

Bottom-line: Using only names and official documents...

- We don't know.

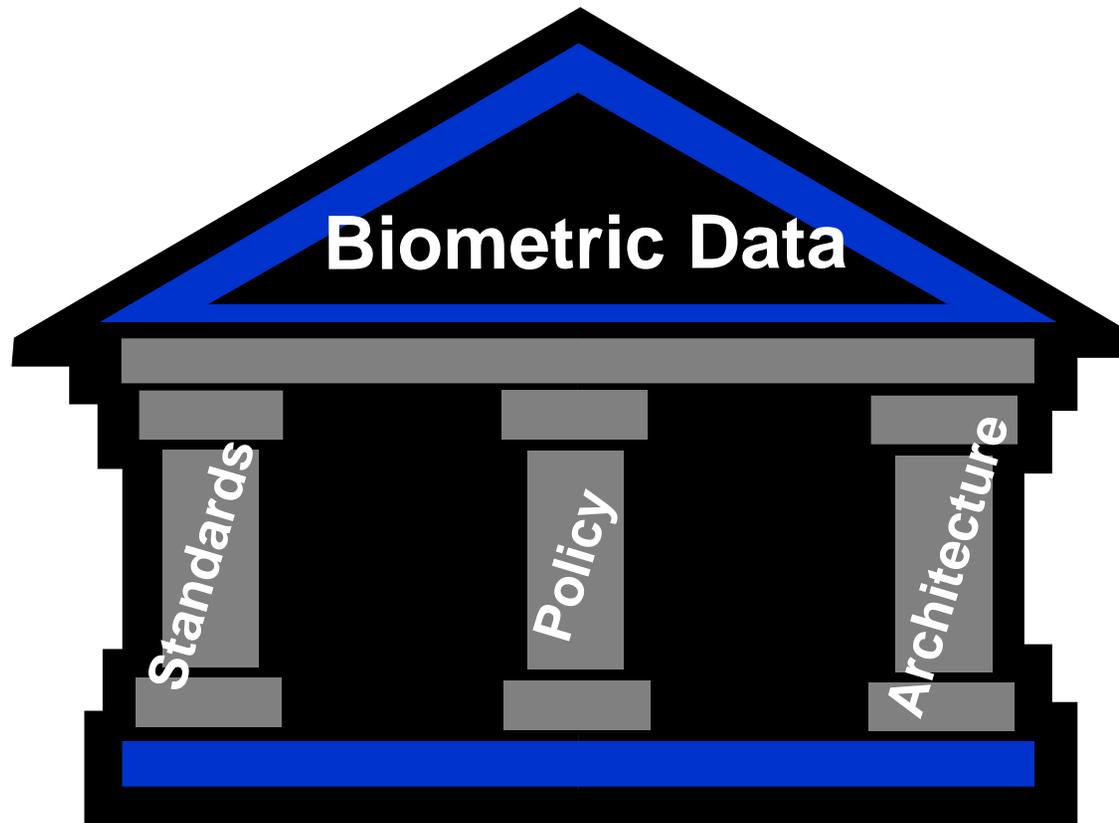
- We won't know in the future.

Paradigm Shift: We must leverage the power of biometric data.



DoD Automated Biometric Identification System (ABIS) Foundation

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Foundation for the DoD ABIS



▶ Standards

- 02 Feb 2004, Assistant Secretary of Defense (Networks & Information Integration) (ASD (NII)) Memo, requires “DoD Compliance with the Internationally Accepted Standard for Electronic Transmission and Storage of Fingerprint Data from ‘Red Force’ Personnel”

▶ Policy

- 15 Jul 2004, Assistant Secretary of Defense, Homeland Defense (ASD (HD)) authorizes sharing of detainee data with the FBI
- 20 Jul 2004, BMO Director briefs House Permanent Select Committee on Intelligence

▶ Architecture

- 05 Aug 2004, Director, Information Assurance, ASD (NII) authorizes pilot DoD Automated Biometric Identification System (ABIS)
- 10 Sep 2004, DoD awards ABIS contract



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Case Study: Muhammad Kahtani



- ▶ Kahtani captured in SW Asia in Dec 2001
- ▶ Fingerprints matched to a foreigner denied U.S. entry in Aug 2001 at the Orlando, FL airport
- ▶ Subsequent investigation indicates 9/11 hijacker Muhammad Atta was at the Orlando Airport at the same time
- ▶ “The operative likely intended to round out the team for [Flight 93]...” – *The 9/11 Commission Report*

Importance of interoperable biometric data is undeniable



Summary



- ▶ Biometric technologies are an enabling tool in the Global War on Terrorism
- ▶ Biometrics will improve the USG's ability to track and identify national security threats
- ▶ To maximize this capability, USG must have information sharing of biometric data, which requires:
 - Standards
 - Policy
 - Architecture