Identity Intelligence: From Reactionary Support to Sustained Enabler

DIA Identity Intelligence Project Office (I2PO)
Dalton Jones, DIA Senior Expert for Biometrics
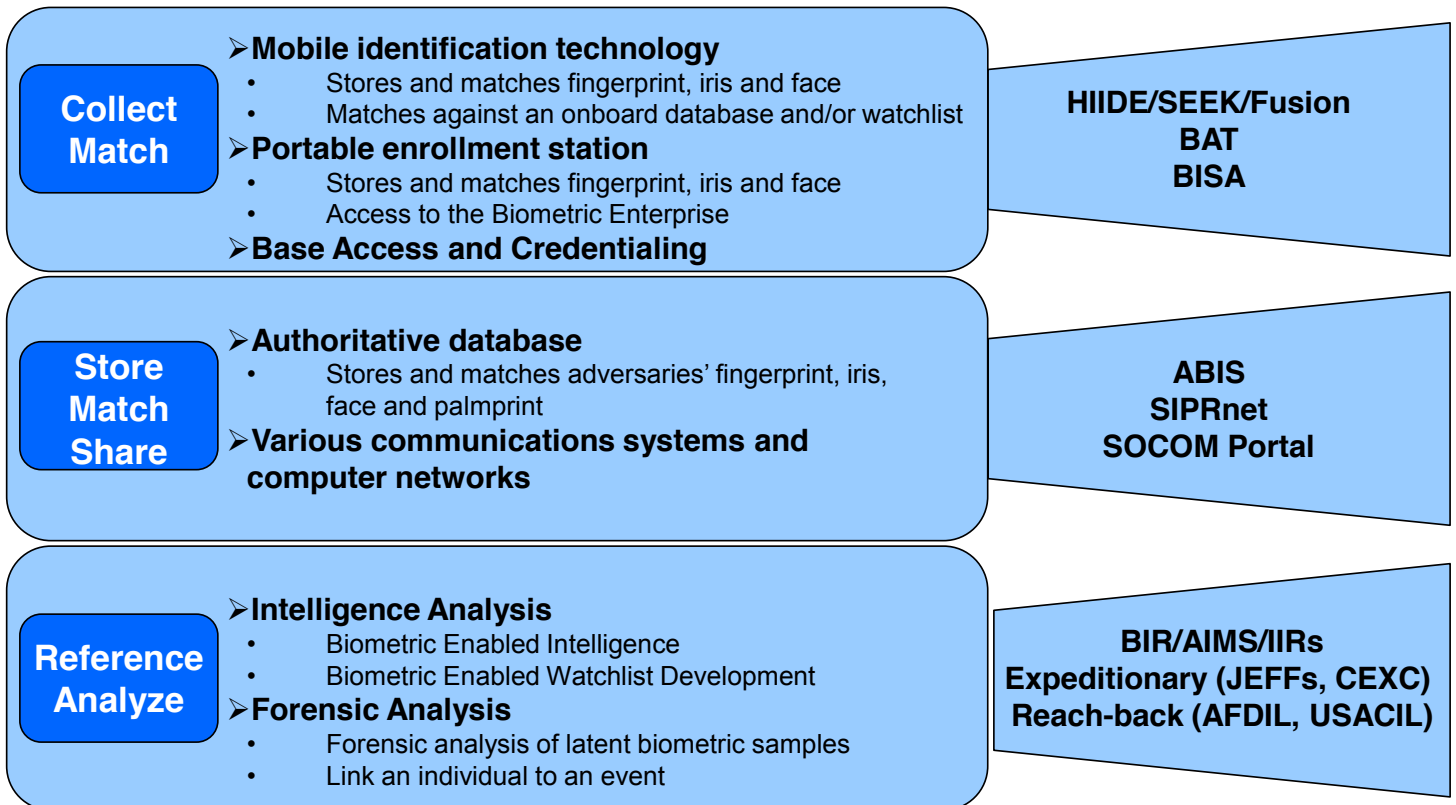### *Duane Blackburn, MITRE*

21 August 2012

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A Look Back at Fielded DoD Biometric Capabilities

Collect Match

➢**Mobile identification technology**
- Stores and matches fingerprint, iris and face
- Matches against an onboard database and/or watchlist

➢**Portable enrollment station**
- Stores and matches fingerprint, iris and face
- Access to the Biometric Enterprise

➢**Base Access and Credentialing**

**HIIDE/SEEK/Fusion
BAT
BISA**

Store Match Share

➢**Authoritative database**
- Stores and matches adversaries' fingerprint, iris, face and palmprint

➢**Various communications systems and computer networks**

**ABIS
SIPRnet
SOCOM Portal**

Reference Analyze

➢**Intelligence Analysis**
- Biometric Enabled Intelligence
- Biometric Enabled Watchlist Development

➢**Forensic Analysis**
- Forensic analysis of latent biometric samples
- Link an individual to an event

**BIR/AIMS/IIRs
Expeditionary (JEFFs, CEXC)
Reach-back (AFDIL, USACIL)**

2006 – Creation of the BEWL

DoD Biometrics: A Cross-Cutting Enabler

Base & Checkpoint Security
- Employee screening
- 86,000+ Denied Base Access

Border Control/Ports of Entry
- Stop flow of foreign fighters
- 39+ High Value Individuals detained at Points of Entry

Vetting for positions of trust
- Police and Security Forces
- 77,000+ identified as "do not hire"

Defend the Homeland
- 218+ interdictions in collaboration with Interagency partners

Sensitive Site Exploitation
- 175,000+ latent fingerprints of value

Detainee Operations
- Attain convictions in criminal courts
- 2,300+ denied early release

Targeting
- 850+ High Value Individuals captured or killed
- 170,000+ on Biometric Watchlist

Intel preparation of the battlespace

Source: Biometrics Identification Management Agency

Biometrics is an enabler across the full Range of Military Operations

DoD Biometrics – IPM Conf
15 May 2012 Page 3   Distribution Statement A: Approved for public release; distribution is unlimited

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Now: A Changing (Diametric?) Environment

- Advancement of capabilities
  - Improved accuracy and usability
  - User-focused systems
- Decreases in funding
  - Sharp losses in Supplementals
  - Reduction of Core funding

- Draw down in Iraq and Afghanistan
- Increase in global operations requiring biometrics
  - Strategic collections
  - Data Sharing: interagency and international

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Identity Intelligence Project Office (I2PO)

The Identity Intelligence Project Office (I2PO) is the Agency focal point for DoD Identity Intelligence (I2). The office is organized to harmonize and advocate for DoD I2 requirements and capabilities, as well as ensure integration with national-level I2 plans and programs. Function for this office include

- Defining Policy
- Defining the role of I2 in Post-War Security Environment
- Establishing Data Standards
- Fostering Interagency and Foreign Partner Information Sharing
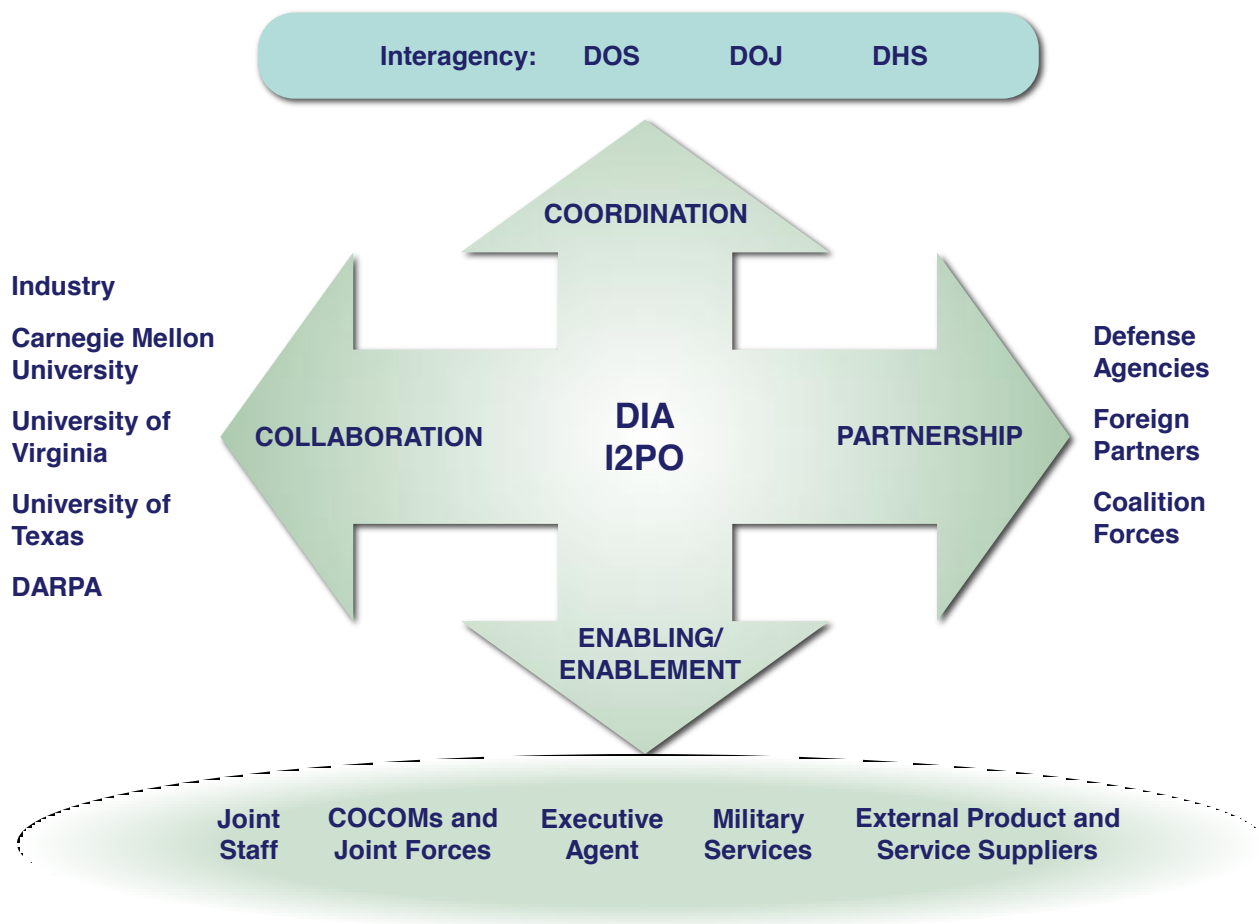
Identity Intelligence?

- Name Matching
- Biometrics
- Attribute Information
- Forensics
- Data Exploitation
- Analysis

I2 – What's it all about? – Individual Attributes

Today we train our analysts to <u>fixate</u> on threat groups as a whole - things, intent, and capability
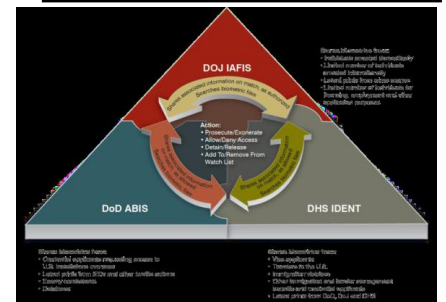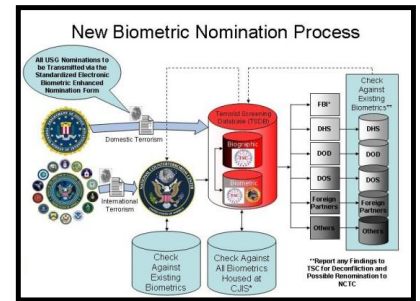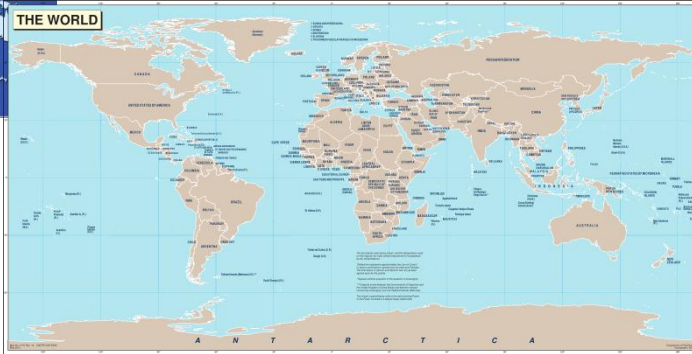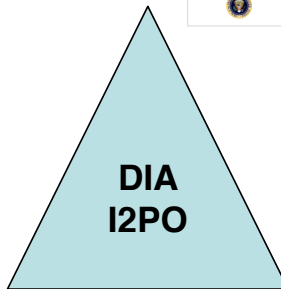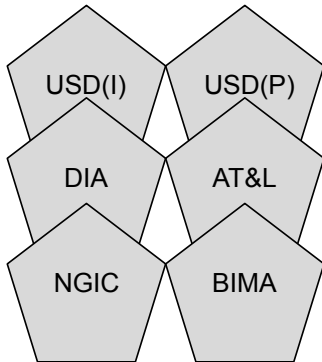
- Name based identification by most organizations are centered on Counter Terrorist, Drug Traffickers, Human Smugglers and Financiers …but who are they really… <u>biometrics provides positive identification and serves as the linchpin for full exploitation of information</u>

- Upon determining the Identity of an individual, Identity Intelligence (I2) captures and analyzes <u>all of the informational attributes</u> associated with the individual to fully illuminate their identity.

  - ➢ Attributes include all biographic, digital signatures, familial connections, social networks, and criminal information as well as linkages to other people, places, events, locations, and weapons.

- While historically used in a tactical environment the associated Identity Intelligence is becoming of immense strategic value to combat global terrorism, weapons proliferation and support Homeland Security and International Partners

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ODNI

White
National Security Staff
House

White
National S&T Council
House

USD(I)

USD(P)

DIA

AT&L

NGIC

BIMA

NATIONAL SECURITY STRATEGY
May 2010

NATIONAL STRATEGY FOR INFORMATION SHARING
Successes and Challenges In Improving Terrorism-Related Information Sharing
OCTOBER 2007

The National Biometrics Challenge
National Science and Technology Council
Subcommittee on Biometrics and Identity Management
September 2011

DIA I2PO

EUCOM
NORTHCOM
CENTCOM
PACOM
AFRICOM
SOUTHCOM

THE WORLD

A N T A R C T I C A

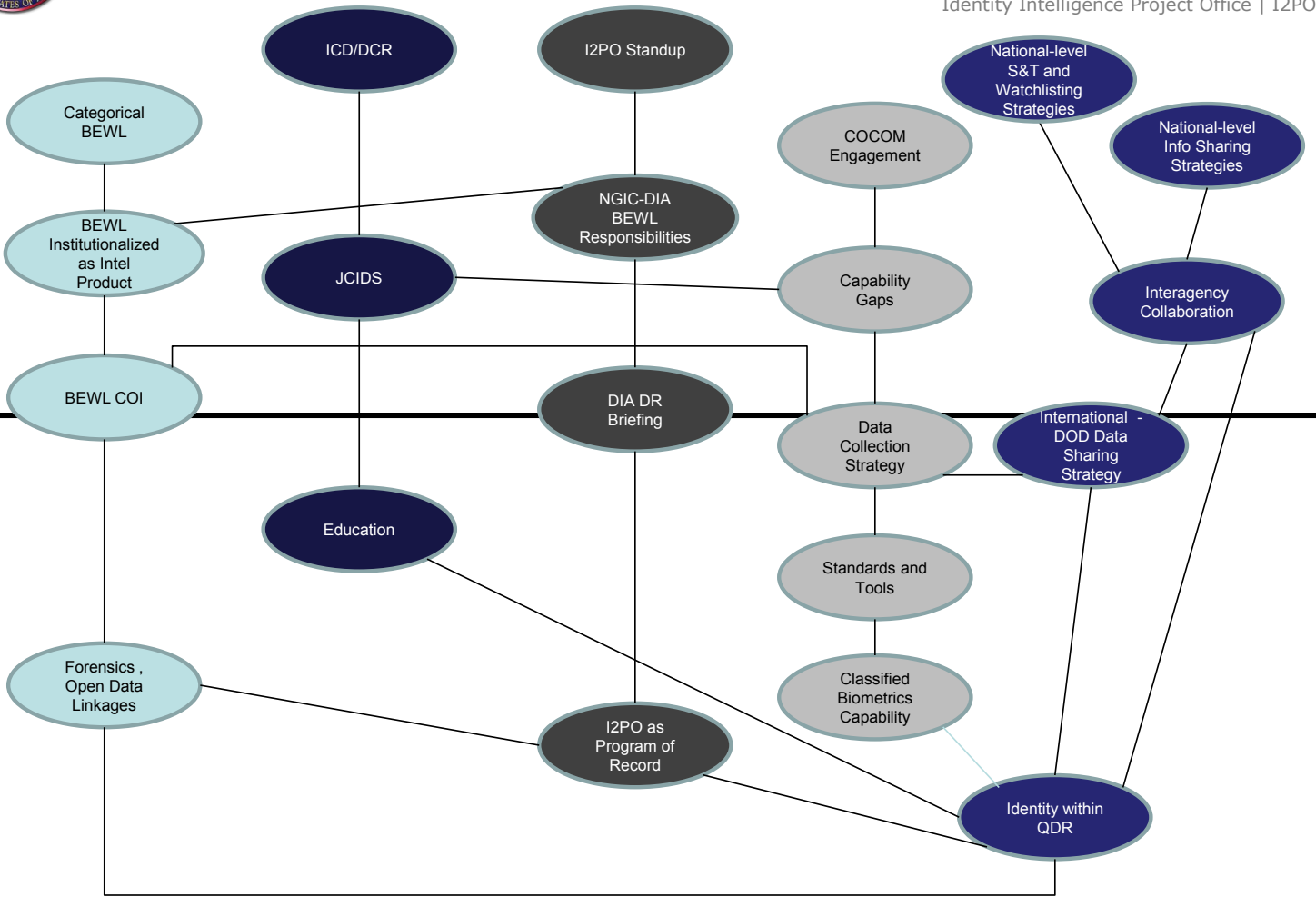### New Biometric Nomination Process

DOJ IAFIS

DoD ABIS

DHS IDENT

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DEFENSE INTELLIGENCE AGENCY

Identity Intelligence Project Office | I2PO

Near-term Activities

Long-term Stabilization

- ICD/DCR
- I2PO Standup
- Categorical BEWL
- National-level S&T and Watchlisting Strategies
- National-level Info Sharing Strategies
- COCOM Engagement
- NGIC-DIA BEWL Responsibilities
- BEWL Institutionalized as Intel Product
- JCIDS
- Capability Gaps
- Interagency Collaboration
- BEWL COI
- DIA DR Briefing
- Data Collection Strategy
- International - DOD Data Sharing Strategy
- Education
- Standards and Tools
- Forensics , Open Data Linkages
- Classified Biometrics Capability
- I2PO as Program of Record
- Identity within QDR

COMMITTED TO EXCELLENCE IN DEFENSE OF THE NATION

What Does the Future Hold?

- *"For terrorists, travel documents are as important as weapons. Terrorists must travel clandestinely to meet, train, plan, case targets, and gain access to attack. To them, international travel presents great danger, because they must surface to pass through regulated channels, present themselves to border security officials, or attempt to circumvent inspection points. "* (**9-11 Commission**)

- Border control systems based on biometric applications have become the solution of choice in identifying potential threats – expected to earn a double digit, Compounded Annual Growth Rate of 17.6% from 2011 to 2019*

- Border Control Market Assessment, estimates that the market will earn revenues of $8.74 billion by 2019, compared to $1.97 billion in 2010*.

*Frost & Sullivan 2012

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