Enterprise Biometric Identity Services at DHS: OBIM Update and Plans

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Acting Deputy Director Kenneth Gantt
Office of Biometric Identity Management (OBIM)
National Protection and Programs Directorate (NPPD)
Another reason for multi-modal capability
OBIM provides enterprise-level biometric identity information to DHS and its mission partners by matching, storing, sharing, and analyzing biometric data.
Continued Increase in Demand –

Enrollments & Transactions

September 2013

150M
Unique Individuals

220,000
Transactions/Day

September 2014

173M
Unique Individuals

300,000
Transactions/Day

OBIM Today

220,000 Transactions/Day

300,000 Transactions/Day

150M Unique Individuals

173M Unique Individuals

Continued Increase in Demand – Enrollments & Transactions
# A “Day in the Life”

## Snapshot of IDENT Daily Transactions

<table>
<thead>
<tr>
<th>Organizations Supported</th>
<th>Subjects Processed</th>
<th>Watchlist Matches Identified</th>
<th>Percentage of Watchlist Matches</th>
<th>Percentage of Operations Processed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOS</td>
<td>52,000</td>
<td>500</td>
<td>1%</td>
<td>17%</td>
</tr>
<tr>
<td>DOJ</td>
<td>43,500</td>
<td>4,500</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>CBP POEs</td>
<td>175,000</td>
<td>1,300</td>
<td>1%</td>
<td>59%</td>
</tr>
<tr>
<td>CIS</td>
<td>12,000</td>
<td>1,000</td>
<td>8%</td>
<td>4%</td>
</tr>
<tr>
<td>DOD</td>
<td>30</td>
<td>2</td>
<td>7%</td>
<td>0%</td>
</tr>
<tr>
<td>DHS ENFORCEMENT</td>
<td>5,000</td>
<td>450</td>
<td>9%</td>
<td>2%</td>
</tr>
<tr>
<td>OPM</td>
<td>6,100</td>
<td>50</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>TSA</td>
<td>1,000</td>
<td>25</td>
<td>3%</td>
<td>0%</td>
</tr>
<tr>
<td>USCG</td>
<td>10</td>
<td>1</td>
<td>10%</td>
<td>0%</td>
</tr>
<tr>
<td>FEMA</td>
<td>0</td>
<td>0</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>International</td>
<td>450</td>
<td>10</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>~ 295,090</td>
<td>~7,838</td>
<td>3%</td>
<td></td>
</tr>
</tbody>
</table>

* This chart is representative of rounded statistics from a day in 4th Quarter FY 2014
OBIM Customers

Department of State
Department of Justice
State and Local Law Enforcement
Department of Defense
Intelligence Community
International Community

Office of Biometric Identity Management (OBIM)
Federal Emergency Management Agency
Citizenship and Immigration Services
Transportation Security Administration
Immigration and Customs Enforcement
Customs and Border Protection
Coast Guard
DHS Operations
Directorate for Management / Office of Chief Security Officer
National Protection and Programs
Directorate Components / Federal Protective Service
Secret Service

Current Customers Pending Customers
OBIM Strategic Direction & Priorities

**OBIM Vision:** A homeland that is safe, secure, and resilient through advanced identity services, information sharing, and analysis.

**OBIM Mission:** To provide enduring identity services to DHS and its mission partners that advance informed decision making by producing accurate, timely, and high assurance biometric and biographic identity information and analysis.

### Goals

**Goal 1.0** Enable Homeland Security Missions

1.1 Operate and maintain DHS authoritative sources of biometric and biographic identity information

1.2 Advance and share identity services (biometric and biographic)

1.3 Enhance DHS identity services and evolve to an adaptable information technology architecture

**Goal 2.0** Accelerate the Transformation of OBIM into the Biometrically-Based Identity Services Provider for DHS

2.1 Create new and improved identity services/business processes

2.2 Implement innovative technical capabilities/services

2.3 Operate a model for rapid delivery of service

2.4 Expand performance management and metrics to support a nimble/agile enterprise

**Goal 3.0** Institutionalize Biometrics within the Department

3.1 Promulgate and maintain standards for use of biometric based identity services

3.2 Support and coordinate a comprehensive emerging technology research and development program to guide development and transition of biometric technologies

3.3 Assess, develop, and coordinate DHS policies to enhance employment of biometrics

3.4 Establish and maintain the biometric-based segment architecture within the DHS Enterprise Architecture

**Goal 4.0** Provide Integrated Identity Services Management

4.1 Perform outreach and educate the identity services enterprise (JIIIA)

4.2 Execute continuous strategic planning and strategic communications processes

4.3 Develop and implement knowledge management for DHS identity services

4.4 Increase the confidentiality, integrity, and availability of information provided to customers while protecting the privacy of the individual

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**Mature and Strengthen**

- Ensure the Workforce Can Successfully Execute the Mission
- Enhance and Institutionalize Management Processes to Promote Accountability and Effectiveness
OBIM Update: Summary

- OBIM is the enterprise biometric service provider for DHS…”match-store-share”

- Demand for biometric identity services continues to grow…we are seeing increased volumes and increased needs

- OBIM’s strategic focus still centers around four primary goals:
  - Enabling homeland security missions
  - Continuing to grow into the role of the Department’s service provider
  - Institutionalizing biometrics within DHS
  - Providing integrated identity services management through communication, planning, and related activities

- In the near term, OBIM is:
  - Working with the Department to plan for updates to our biometric “match-store-share” capability
  - Working with our customers to meet their needs
Last Year’s Challenge…

**Direction**
- Where are we headed? What does it look like when we get there?

**Policy, Privacy & Perception**
- What can we do with biometrics? What should we do? Who can share with who? How can we advance adoption of biometrics?

**Operations**
- How do we continue to improve our employment of biometrics?

**Technology**
- How do we continue to mature and improve the technology that allows collect-match-store-share to happen?
We Need to Address These Challenges - Identity Matters
Identity Matters

TERRORISTS ATTACK
Thousands of ISIS Members Have Western Passports

Retail Giant Data Breach Bigger Than Expected

SHOCK IN BOSTON
Snipers fire on Calif. power transformers omen of future attack, former federal official says

D.C. SHOOTING LEAVE 12 DEAD
Woman linked to most wanted drug lord arrested at border

Malaysia Airlines Flight 370 search widens; men carrying sports ID'd as Iranians

Airliner Shot Down in Ukraine, US Helps ID Passenger Remains

Border patrol verified that her student visa was revoked for suspected ties to Joaquin "El Chapo" Guzman
Identity Matters
Advances in Technology
Managing these issues...putting it all together
How do we move ahead?

Identity matters – both to support quality of life, and enable homeland security and public safety. We must work together as a community to address these challenges.
Backup Slides
OBIM Overview

**OBIM Identity Services Enabling Operations**

| Immigration and Border Management | Law Enforcement | Defense and Intelligence | Credentialing |

**OBIM Vision**

A homeland that is safe, secure and resilient through advanced identity services, information sharing and analysis.

**OBIM Mission**

To provide enduring identity services to DHS and its mission partners that advance informed decision making by producing accurate, timely and high assurance biometric identity information and analysis.

**Summary**

- OBIM has been designated as the lead entity within DHS responsible for biometric identity services.

- The need for biometrics continues to increase throughout DHS, creating a high demand for more robust identity services.

- The customer-driven imperative is shown by the fact that DHS components are expanding their use of biometrics.

- Components have expressed a business need for the use of additional biometric modalities.

- Although IDENT has performed well, the system requires improvements.

**Benefits**

- Functions as a provider of biometrically-based identification and analysis services within DHS, for other Federal agencies involved in homeland defense and security, and is a key provider for law enforcement at the Federal, State, and local levels.

- Reduces DHS costs associated with the development of individual systems to perform biometric matching.

- Provides comprehensive biometric identity information through biometric data sharing with DOJ, DoD, and other mission partners, supporting national security and public safety.

- Leverages technological advances to provide more cost-effective, efficient, durable, and scalable biometric identity information and analysis.
Interagency Data Sharing: The Biometric “Triad”

Stores biometrics from:
- Individuals arrested domestically
- Limited number of individuals arrested internationally
- Latent prints from crime scenes
- Limited number of individuals for licensing, employment and other application purposes

Stores biometrics from:
- DoD Biometric Enabled Watch List (BEWL)
- Detainees, enemy combatants, and other criminal master files
- Latent prints from IEDs and other hostile actions
- 10-Prints associated with matches to IED-related latent prints
- Credential applicants requesting access to U.S. installations overseas

Stores biometrics from:
- Visa applicants
- Travelers to the U.S.
- Immigration violators
- Other immigration and border management benefits and credential applicants
- Latent prints from DoD, DOJ and DHS