Identity Applications for Homeland Security

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**The Value of Biometrics to DHS**

- Positively confirm the claimed identity of a traveler, worker, benefit applicant, or detainee
- Alert that an individual has derogatory information associated with their biometrics
- Inform that an individual previously claimed a different persona

**OBIM Identity Services Enabling Operations**

- Operation of multimodal Automated Biometric Identification System (IDENT)
- Manual fingerprint examiner verification services where automation is insufficient
- Coordination with data owners for maximum information sharing

**Biometric Continuum**

**OBIM’s Enterprise Role**

**Growth of Biometrics in DHS**

**IDENT Gallery Size – 220m Unique Identities**
OBIM Customers

Department of Homeland Security Biometrics

Office of Biometric Identity Management (OBIM)
OBIM will develop and implement HART in a series of four increments:

**Increment 1**
- FY 2019
  - Data Migration
  - High Availability
  - Initial Tiered Storage
  - OLTP Database
  - Transaction Manager
  - Biometric Middleware
  - Initial Performance Environment

**Increment 2**
- FY 2019/2020
  - Full Performance Test Environment
  - Full Tiered Storage
  - Data Warehouse/Data Marts
  - Iris and Facial Matching
  - Multimodal Fusion

**Increment 3**
- FY 2020
  - Web Portal—Candidate Verification Tool (CVT), Secondary Inspection Tool (SIT)
  - Person-Centric View
  - Additional Biometric Modalities (ex. Scars/Marks/Tattoos, Palm, DNA) (store/retrieve)
  - Additional Biometric Services

**Increment 4**
- FY 2021
  - Identity Management Applications (CVT, SIT replacement)
  - Analytics and Reporting Capabilities
  - Additional Biometric Modalities (ex. Scars/Marks/Tattoos, Palm, DNA) (store/retrieve)
  - Additional Biometric Services

OBIM is developing expanded and improved biometric identity services with user access based on web portal and web services in the future replacement system called the Homeland Advanced Recognition Technology (HART) System.