DoD BIOMETRICS & IDENTITY INTELLIGENCE (I2) SUPPORT TO NATIONAL SECURITY

INPUT SOURCES

- Military Operations
- Collected Exploitable Material (CEM)
- Checkpoints/Access
 Control
- Detainee Operations
- Intelligence Surveillance & Reconnaissance (ISR)
- Partner Nation Data-Sharing Arrangements
- Interagency Data



Fingerprint



Iris Scan



DNA Signatures



Voice Recognition



Facial Recognition

PROCESSING & MATCHING

- Identity Verification /Vetting
- Watchlist Matching
- Biometric Enrollment
- AI/ML Fusion with Intel
- Cross-Domain
 Correlation



ENABLING SYSTEMS

- DoD ABIS
- DHS IDENT
- FBI NGI
- FBI NCIC
- INTERPOL I-24/7
- TIDE/TSDB
- 12 Knowledge Bases
- IMESA



OUTPUT & ACTIONABLE USE

- National Security Threat
 Actor Identification/
 Detection
- Insider Threat Alerts
- Access Authentication/ Denied
- Personnel Vetting
- Force Protection
- Targeting Support
- Counterintelligence Operations
- Investigation Tips/Leads
- Intelligence Reports
- Prosecutions

CUSTOMERS

- Combatant Commands
- Joint Staff J2/J3/J5
- Joint Intelligence
 Operations Centers
- Intelligence Community
- Law Enforcement
- Homeland Defense
- Interagency Partners
- Allied & Coalition Partners
- Security Managers
- Critical Tech and Infrastructure Protection



Secure Networks



Interagency Collaboration



Data Governance & Privacy Protection



AI/ML Algorithms for Pattern Recognition





POINTS OF CONTACT

WARREN A. HARRIS

Office of the Under Secretary of Defense for Intelligence and Security warren.a.harris.civ@mail.mil

RACHEL D. BORHAUER

Defense Forensics and Biometrics Agency rachel.d.borhauer.civ@army.mil