

Biometrics:

BIG DATA, ANALYTICS, &

BIOMETRIC-ENABLED INTELLIGENCE

— FOR DEFENSE, INTELLIGENCE,
HOMELAND SECURITY AND LAW ENFORCEMENT —

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Army Acquisition, Logistics and Technology



Project Management Office, DoD Biometrics

12 December 2013



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Project Manager

Department of Defense Biometrics





Agenda

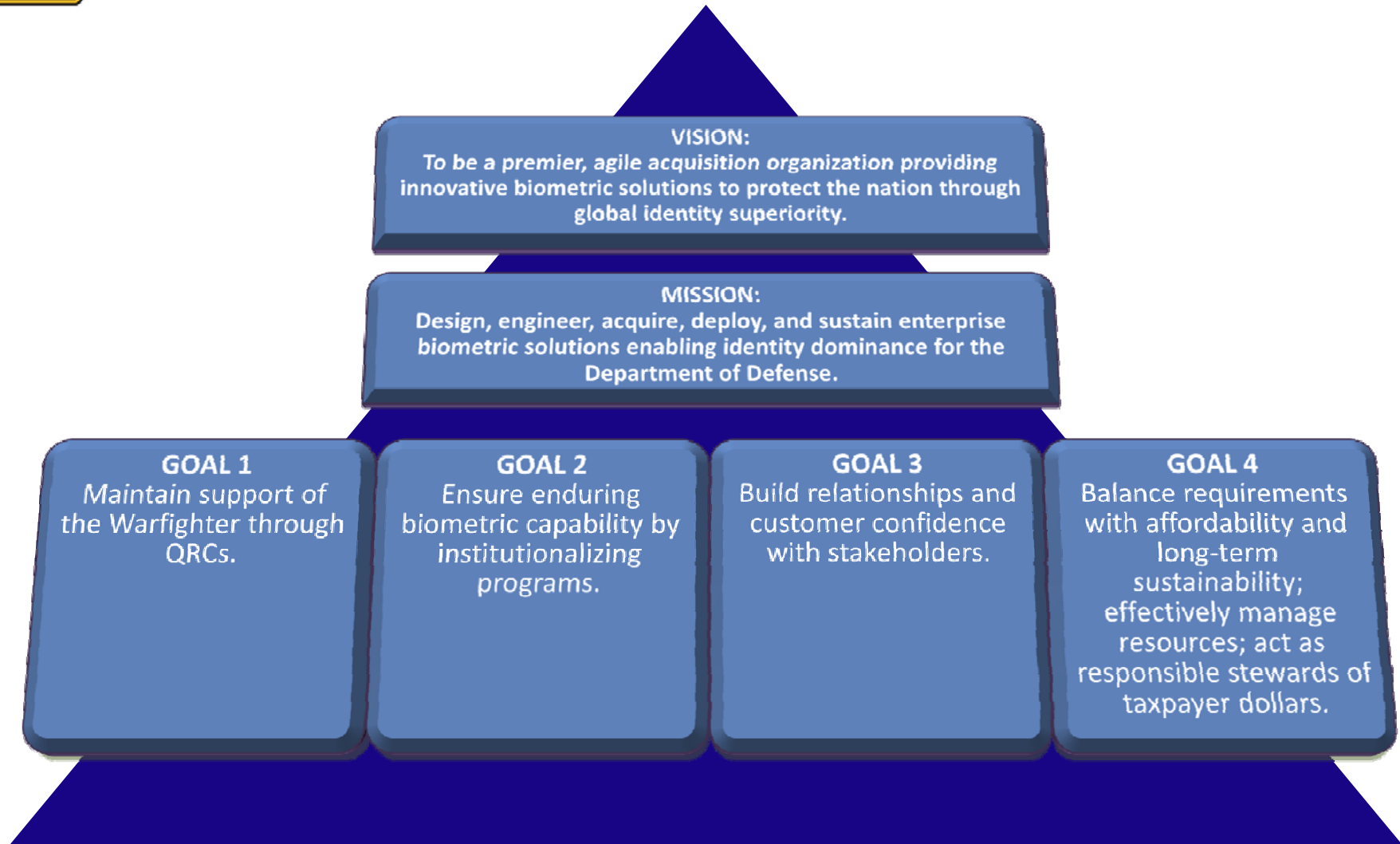


- Project Manager (PM) Department of Defense (DoD) Biometrics Strategic Focus
- PM DoD Biometrics Programs and Organization
- Supporting Biometrics as an Enduring Capability
- PM DoD Biometrics Roadmap
 - DoD Automated Biometrics Identification System (ABIS) versions 1.0 / 1.2 Status
 - Future Authoritative Repository Status
 - Joint Personnel Identification (JPI) Bridging Strategy Status
 - JPI version 2 (JPIv2) Status



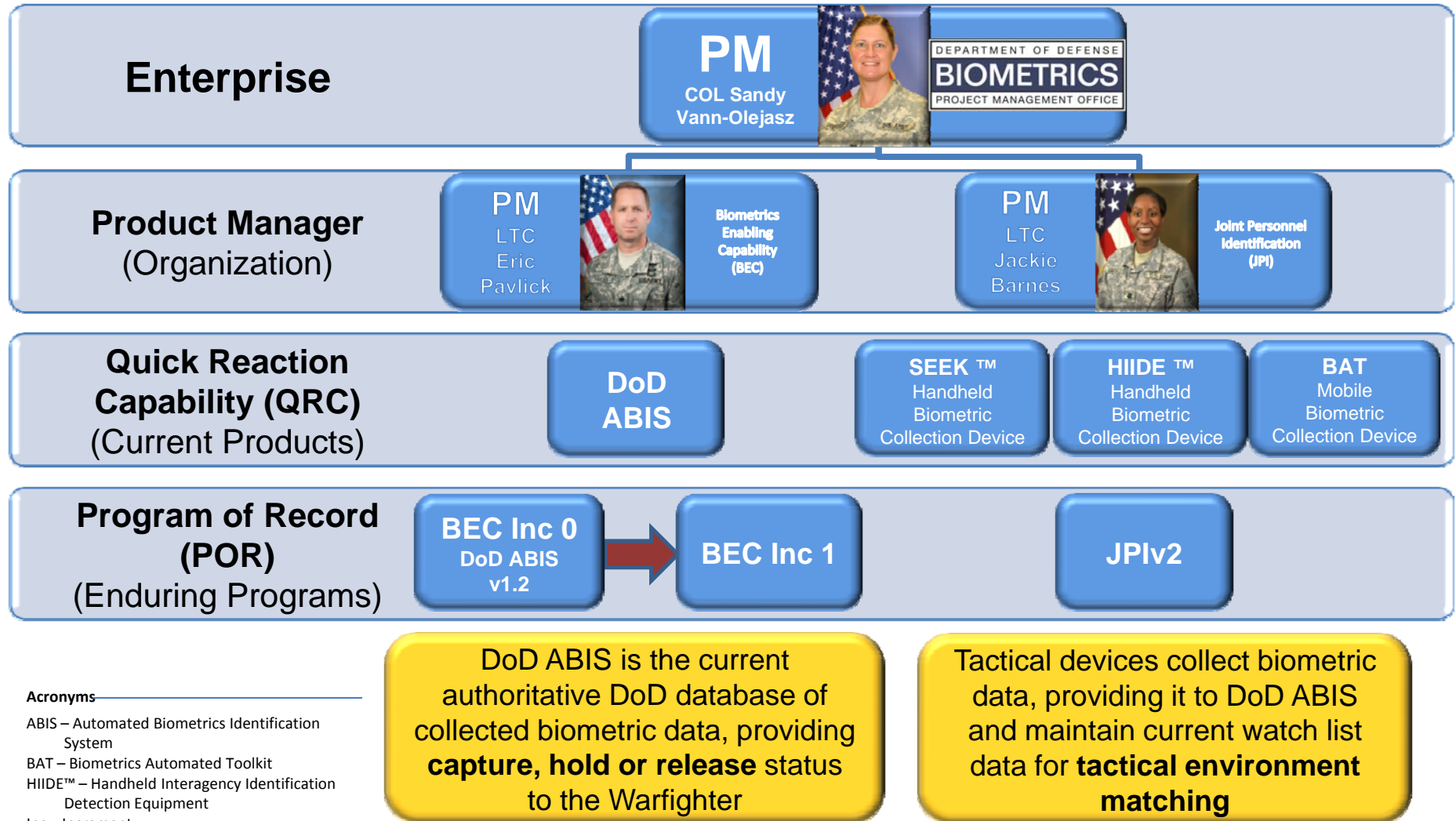


PM DoD Biometrics Strategic Focus





PM DoD Biometrics Programs



Acronyms

ABIS – Automated Biometrics Identification System
BAT – Biometrics Automated Toolkit
HIIDE™ – Handheld Interagency Identification Detection Equipment
Inc – Increment
PM – Project Manager; Product Manager
SEEK™ – Secure Electronic Enrollment Kit

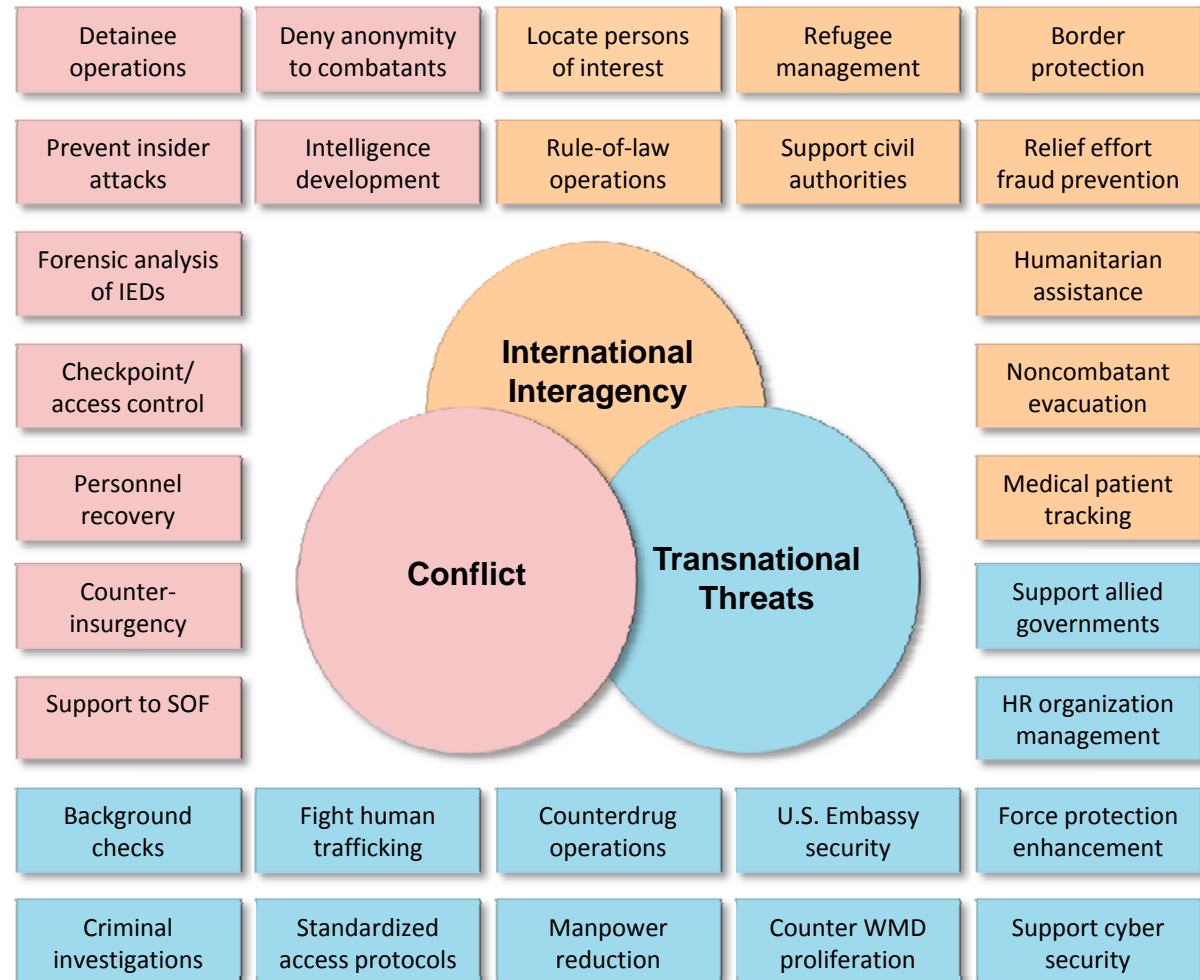




Biometrics as an Enduring Capability



Delivering Biometrics Capabilities to an Evolving Strategic Environment



Acronyms

IEDs – Improvised Explosive Devices
SOF – Special Operations Forces
WMD – Weapons of Mass Destruction

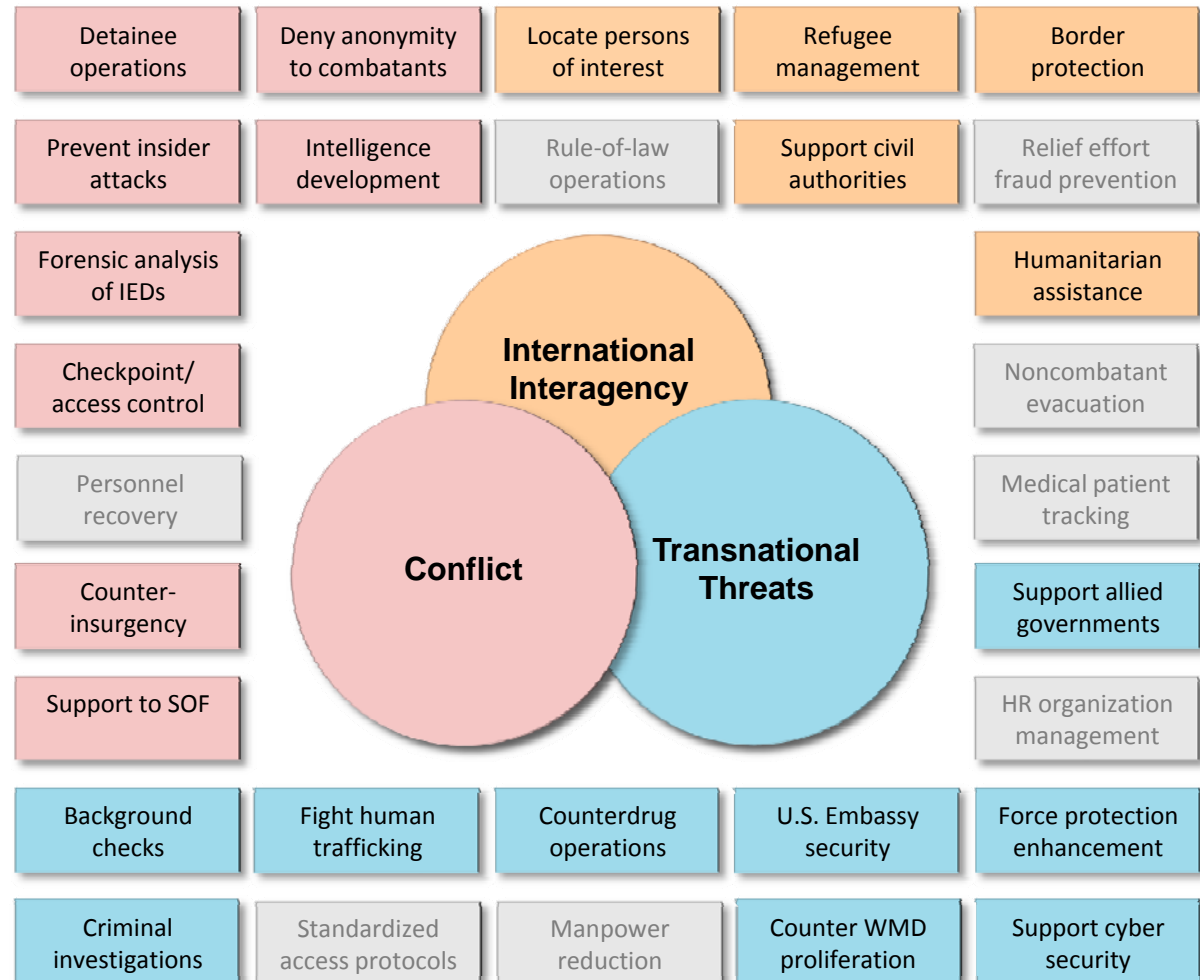




Material Solutions Supporting Biometrics as an Enduring Capability (1 of 3)



Biometrics Enabling
Capability (BEC)
aka DoD
Authoritative
Biometrics Database
supports these
**DoD and
Non-DoD Missions**

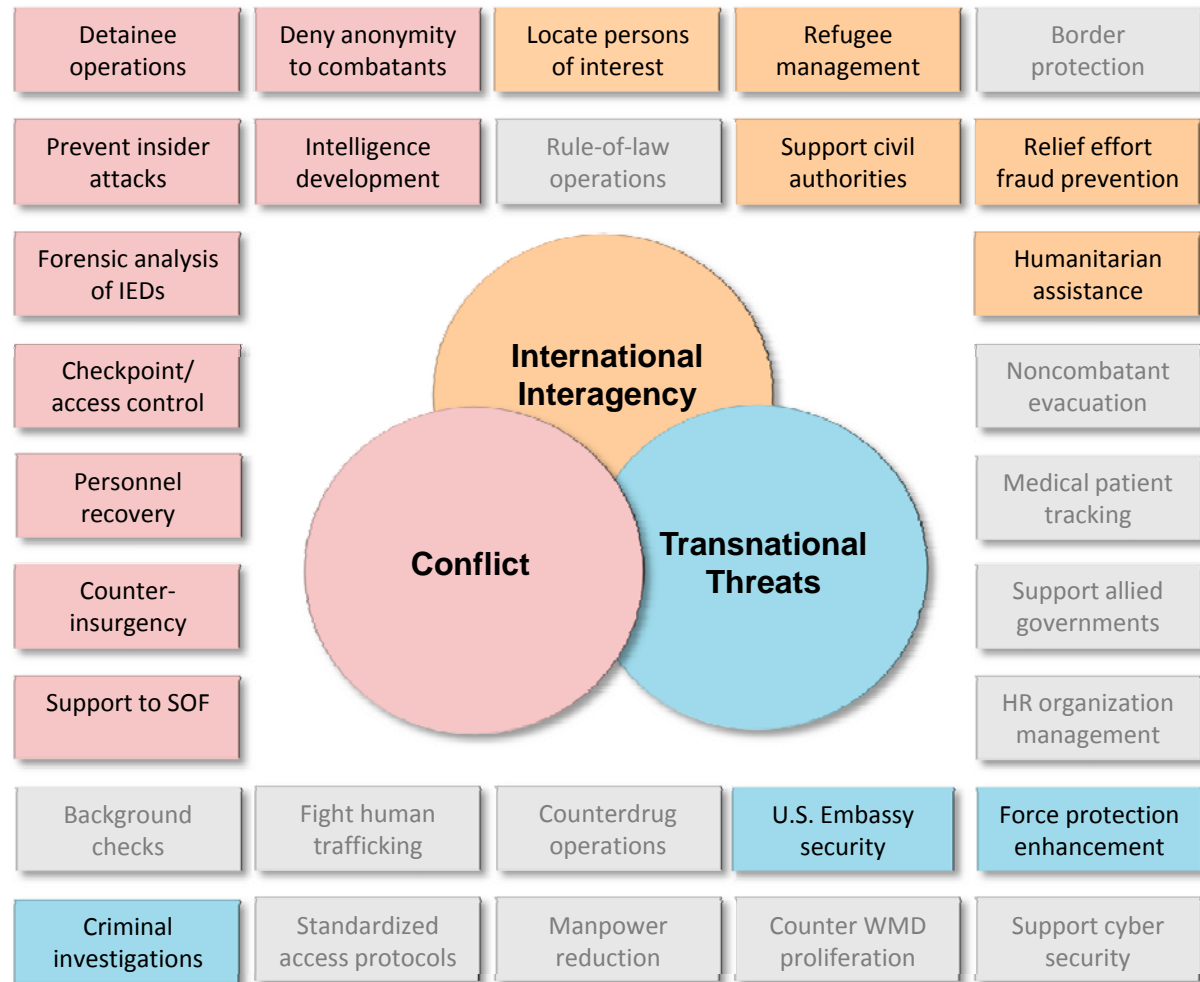




Material Solutions Supporting Biometrics as an Enduring Capability (2 of 3)



Joint Personnel
Identification (JPI)
aka
Tactical Biometrics
Collection Devices
supports these
**DoD and
Non-DoD Missions**

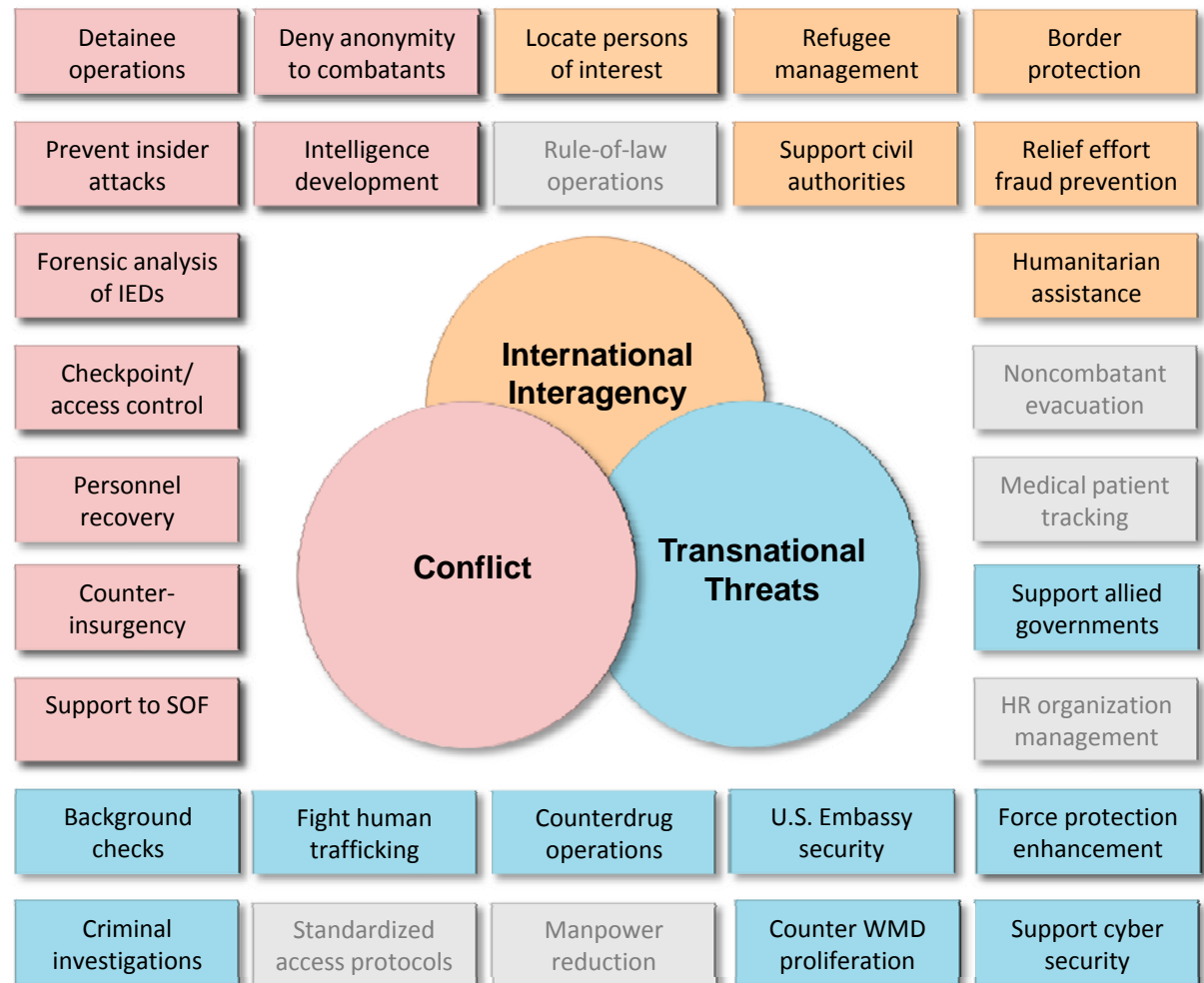




Material Solutions Supporting Biometrics as an Enduring Capability (3 of 3)

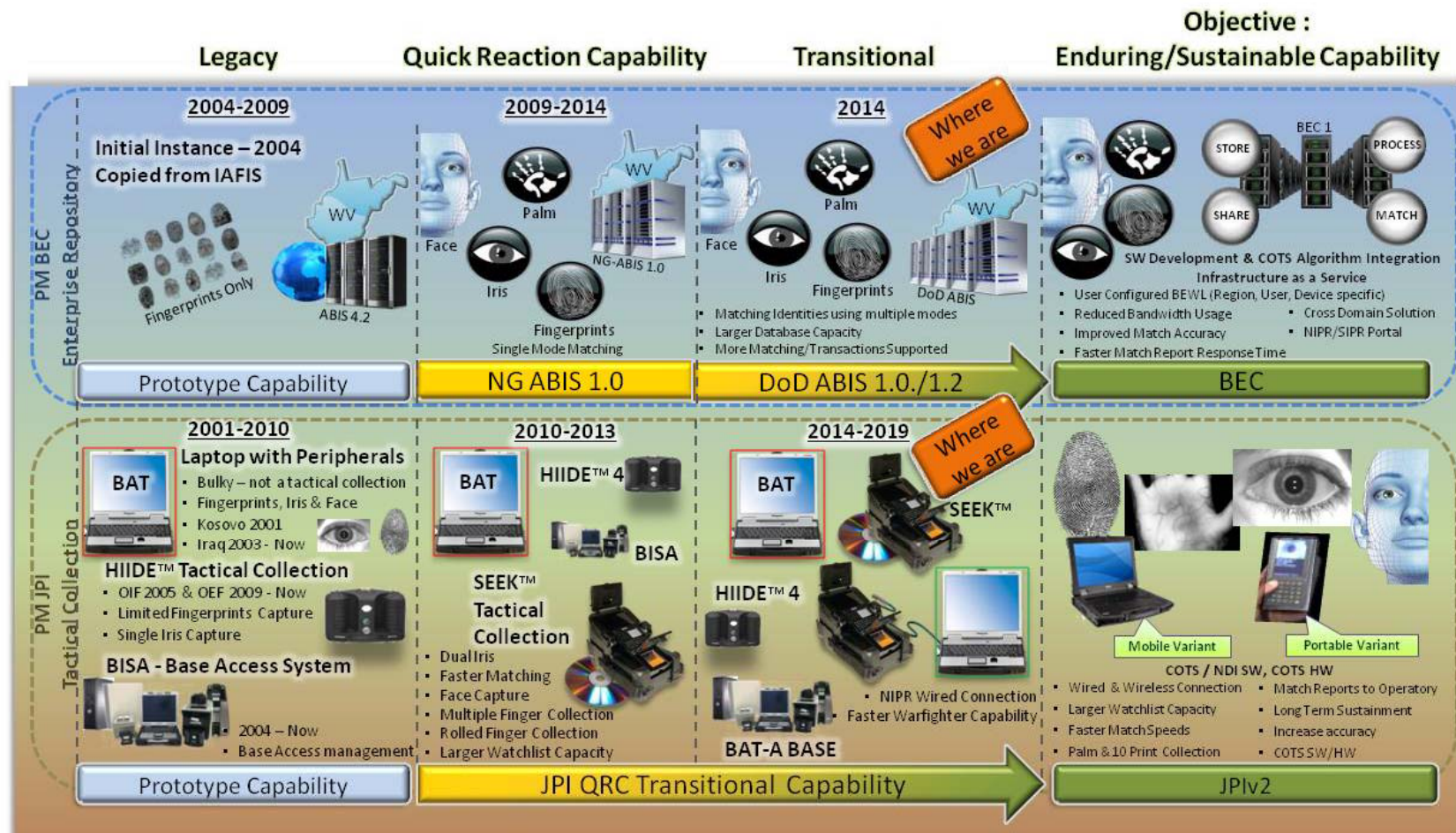


BEC and JPI
combined
supports these
**DoD and
Non-DoD Missions**





PM DoD Biometrics Roadmap (1 of 5)



Acronym List

ABIS – Automated Biometric Identification System
BAT – Biometric Automated Toolset
BEC – Biometrics Enabling Capability
BEWL – Biometrically Enabled Watch List
BISA – Biometric Identification System for Access
COTS – Commercial off the shelf

HIIDE™ – Handheld Interagency Identity Detection Equipment
HW – Hardware
JPI – Joint Personnel Identification
MARS – Multilingual Automated Registration System
NDI – Non-Developmental Item
NG-ABIS – Next Generation ABIS

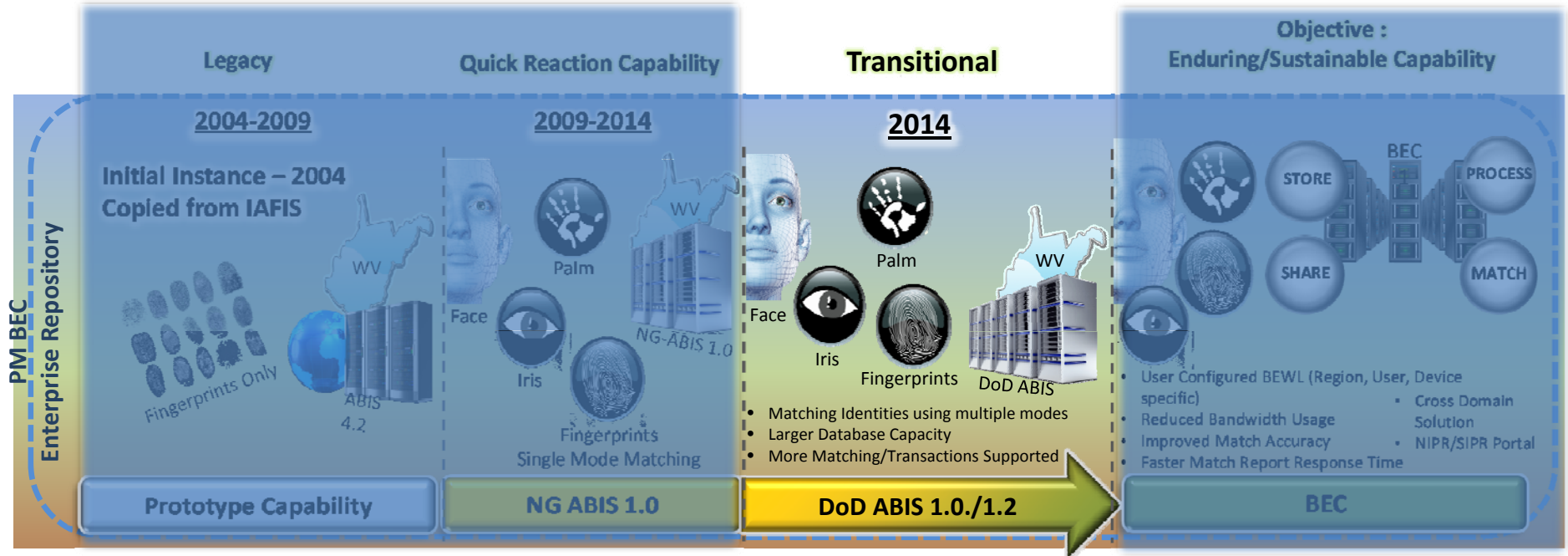
POR – Program of Record
SEEK™ – Secure Electronic Enrollment Kit
SW – Software





DoD ABIS 1.0/1.2 Status

(2 of 5)



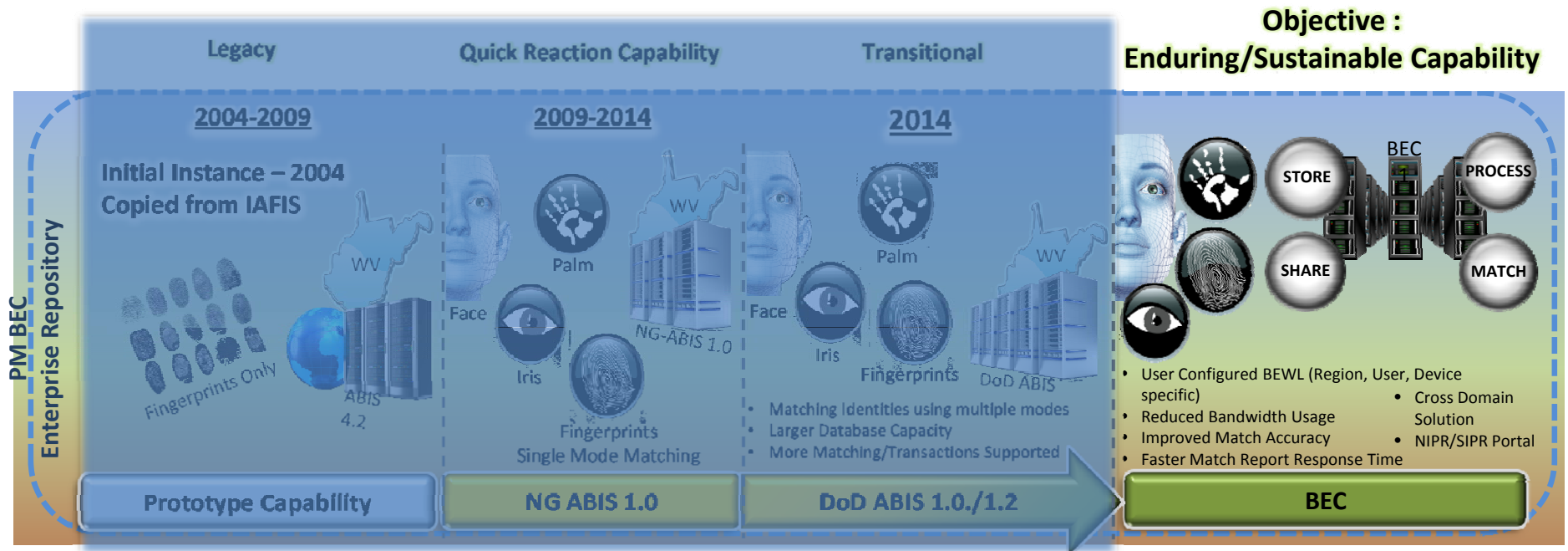
- Benefits of DoD ABIS 1.2
 - Increased daily throughput (from 14k/day to 30 k/day)
 - Increased storage capacity (from 10.5M records to 18M records (at deployment), expandable to 36M records)
 - Upgraded Search Core Algorithm
 - Upgraded Examiner Workstations
 - Upgraded Operating Systems





Future Authoritative Repository Status

(3 of 5)



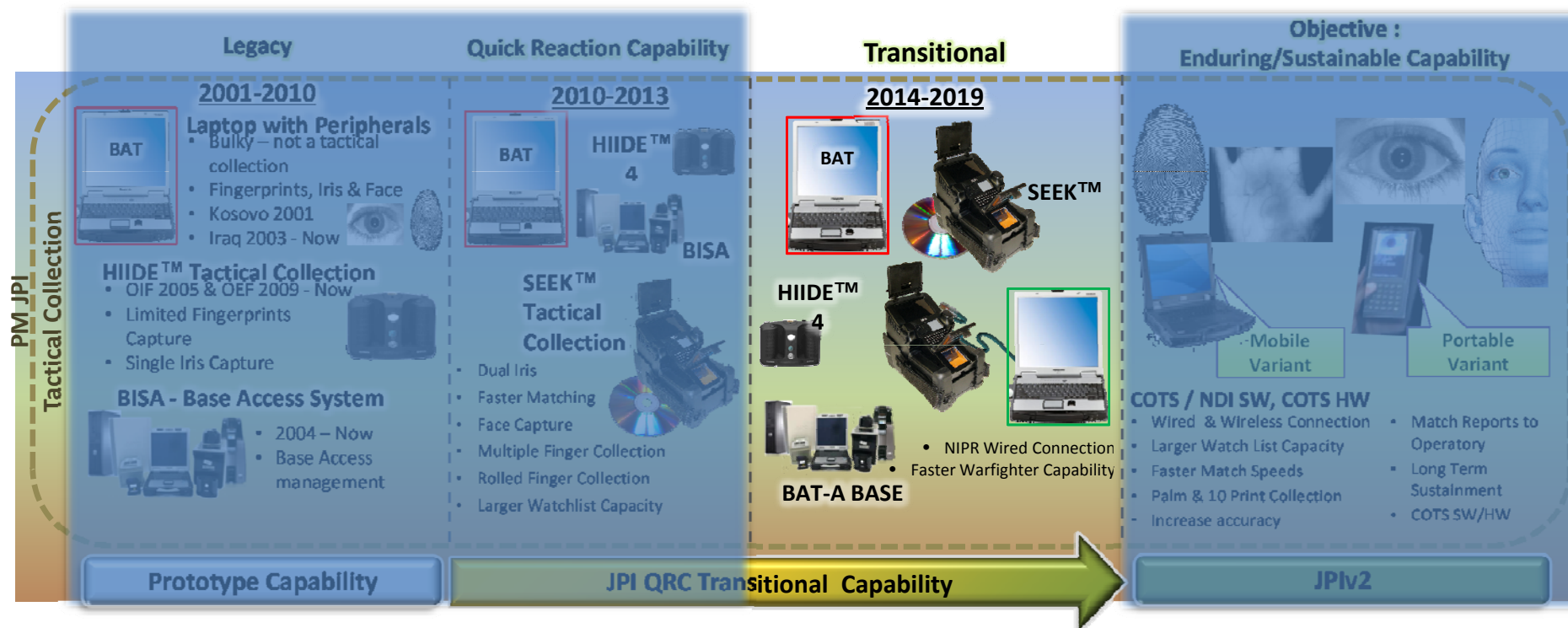
- Update analysis of alternatives (AoA) to inform requirements and acquisition approach





JPI Bridging Strategy Status

(4 of 5)



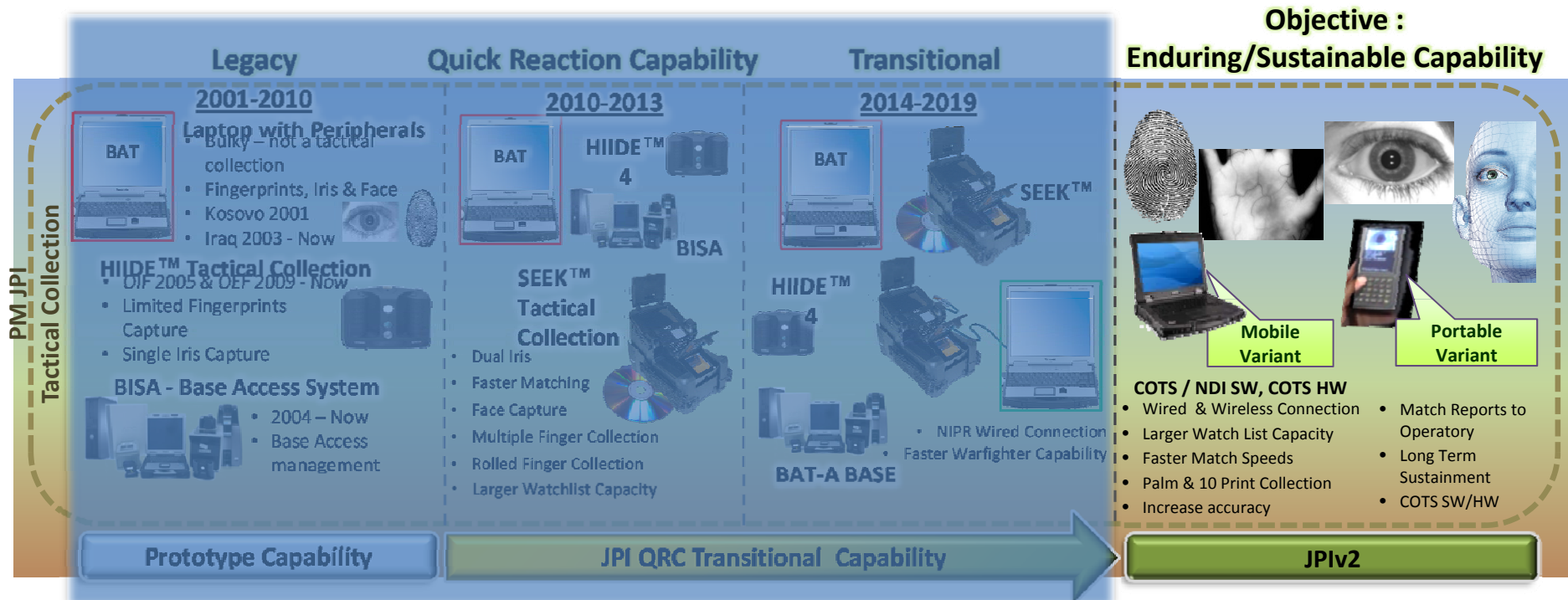
- Currently deployed tactical devices will be sustained as a bridging strategy to leverage investment in those capabilities
- DoD is preparing an interim concept of operations, basis of issue, and training strategy to support the interim strategy
- We are developing a retrograde and sustainment strategy to sustain this capability





JPIv2 Status

(5 of 5)



- Update acquisition approach to support COTS/NDI solution





Questions?





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