



Joint Personnel Identification version 2 (JPIv2) Information Exchange

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JPIv2 Agenda

- **Program Overview** – LTC Jackie Barnes, PM JPI
- **JPIv2 Key Capabilities** – Ms. Elissa Zadrozny, Chief Engineer, PM JPI
- **Acquisition Approach** – LTC Jackie Barnes, PM JPI
- **Challenges Requiring Industry Feedback** – LTC Jackie Barnes, PM JPI
- **Closing Remarks** – LTC Jackie Barnes, PM JPI

JPlv2 Goals and End State

Goals:

- Inform industry on JPlv2 acquisition approach
- Understand industry capabilities to support a Commercial-off-the-shelf (COTS) acquisition strategy
- Receive inputs or comments to questions identified in JPlv2 Request for Information (RFI)

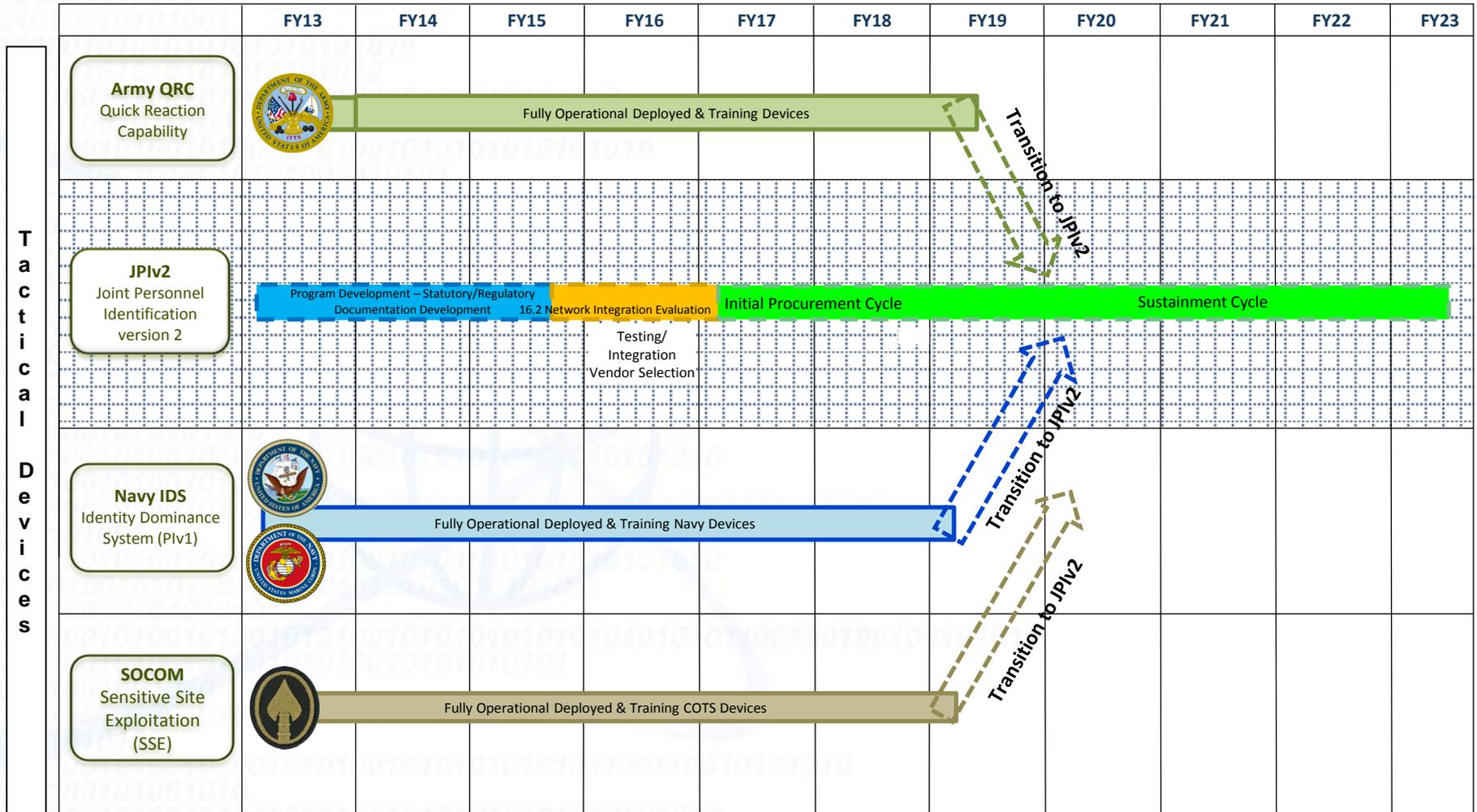
End State:

- Gain industry feedback on JPlv2 requirements to refine COTS acquisition approach

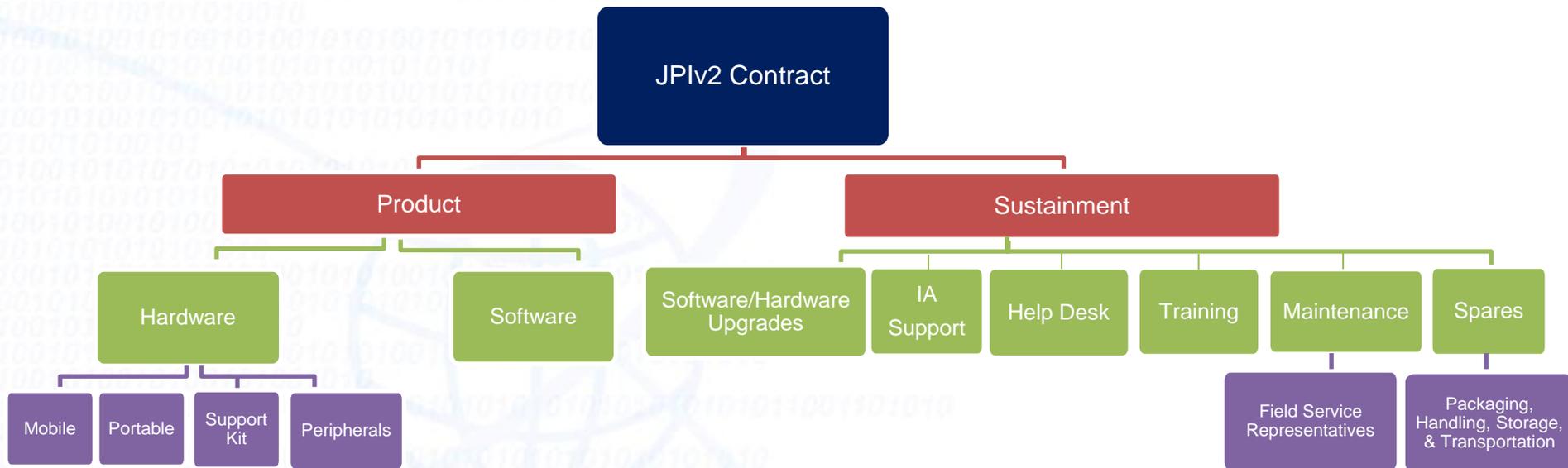
JPlv2 Program Overview

- Provides capability to collect, match, and store biometric data and related contextual data
- Provides data to the authoritative DoD adversary and neutral biometrics repository
- Provides local matching of biometrics against Watchlists
- Provides net-ready/tactical communications
- Provides portable capability that allows easy use during operations among a local populace and is easily man-packed
- Provides mobile capability so that devices can easily be relocated to support an operating location
- Has estimated procurement quantity of 4,841 portable variants and 823 mobile variants
- Targets User Need Date: FY16-18 Timeframe

JPlv2 Alignment with DoD Services Fielding Requirements



Scope of Procurement



JPlv2 Required Capabilities

Key requirements that must be delivered by industry:

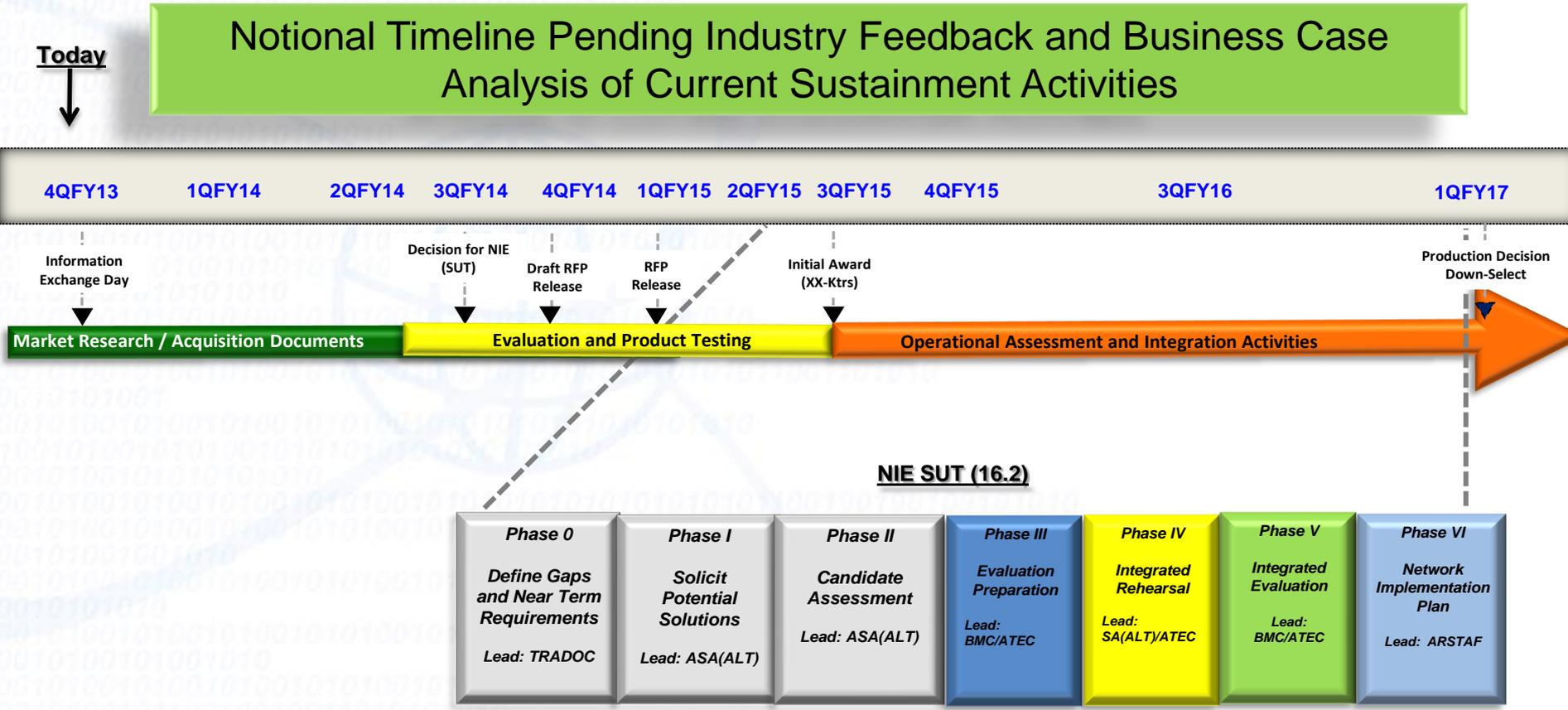
- Biometrics matching speeds -
 - Portable < 2 minutes for fingerprints and <15 seconds for irises on 100K identities
 - Mobile < 5 minutes for fingerprints and <35 seconds for irises on 450K identities
- Advancement of biometrics and communications technology -
 - NET READY on NIPRNet and SIPRNet
 - Integration with authoritative data source and data standards (Electronic Biometric Transmission Specification)
- Smaller Form Factor -
 - <3.6lbs and 8.75"x5.5"x3.5" portable
 - <10lbs and 14"x14"x1" mobile

Other capabilities:

- Collects, matches, and stores biometric data for all modalities and related contextual data
- Automated Biometrics Enabling Watch Lists (BEWL) synchronization
- Automated match report response from authoritative source
- Palm print sample collection for latent print matching (mobile)
- Ability to collect voice samples (mobile)
- Digital media collection
- Increased battery life for extended operations

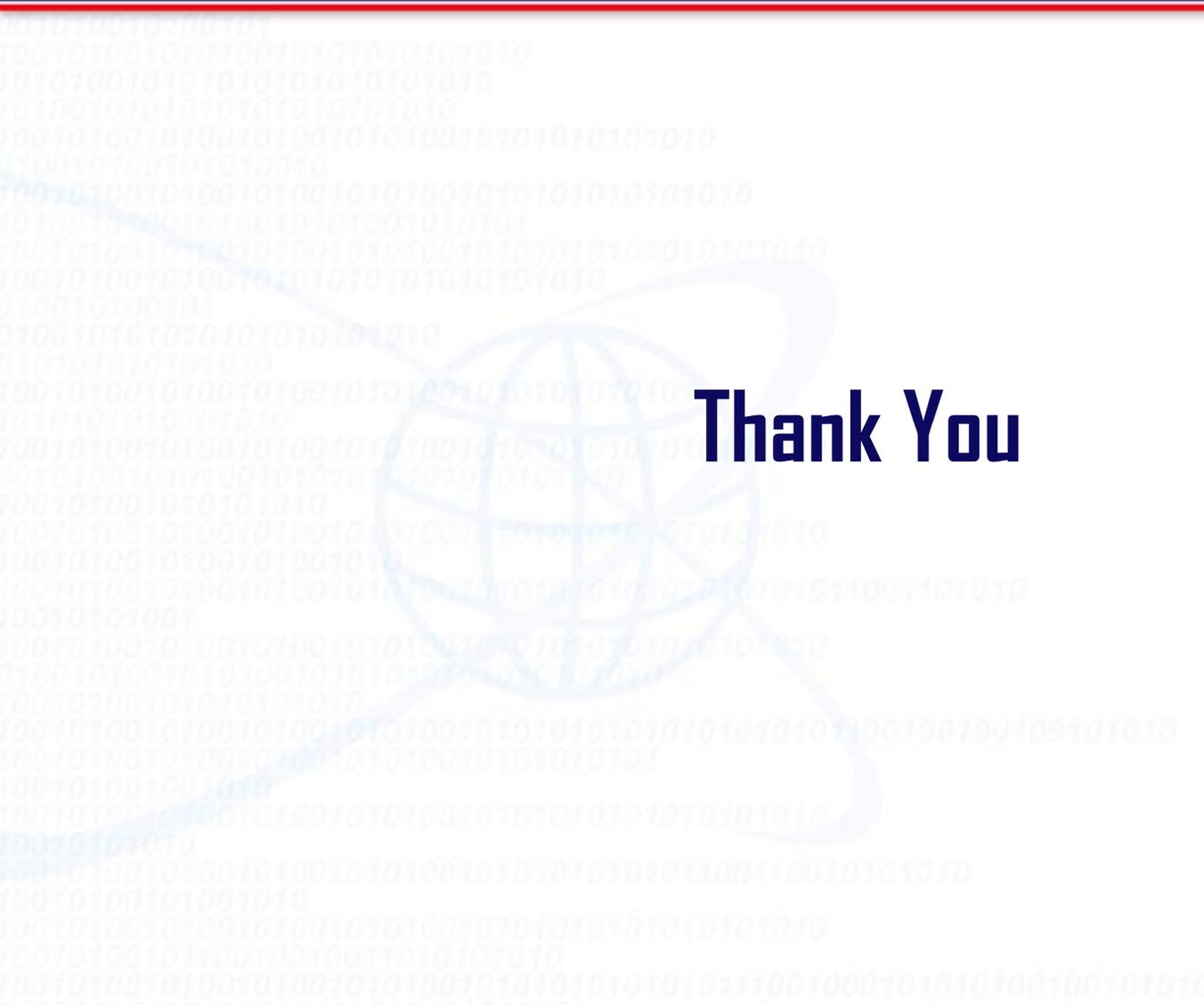
Acquisition Approach

- COTS acquisition strategy to achieve an affordable JPIv2 solution
 - Proposed entry Milestone C
 - Potential to leverage Network Integration Evaluation (NIE) operational venue process



JPI Challenges Requiring Industry Feedback

- Understand commercial capabilities
- Identify Government-unique requirements
- Feasibility of COTS acquisition approach
- Need for portable and mobile variants
- Network Integration Evaluation (NIE) participation
- Understand key cost drivers and risk in COTS solutions
- JPIv2 sustainability and supportability
- Testing of COTS to ensure performance
- Compliance with information assurance and program protection
- JPIv2 Integration and Interoperability



Thank You