



Defense Healthcare Management Systems

Recovering Warrior Task Force Interagency Program Office (IPO) Review

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PEO DHMS
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Agenda

Topic	Speaker
Introduction	Christopher Miller
Program Executive Office (PEO) DoD Healthcare Management Services (DHMS) Overview	Christopher Miller
Interagency Program Office (IPO) Overview	Christopher Miller
IPO Deep Dive	CAPT Steve Sears
IPO and Partnering Organizations	CAPT Steve Sears
Questions and Closing	Christopher Miller and CAPT Sears



DoD and VA Health Care Modernization Objectives

- **Our Goals**

- Significantly improve standardization and integration of VA, DoD, and private sector health data through DEC 2015
- Field modernized software supporting DoD and VA clinicians by 2017
- Actively engage with national and international health standards organizations and contribute subject matter expertise to ensure their resulting data sharing standards meet the needs of the DoD and VA

- **Acquisition Strategy**

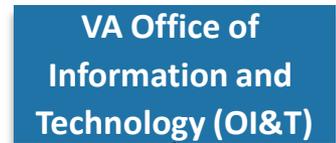
- IPO will field accelerators as near-term effort to improve health data interoperability
- DoD will acquire a replacement for legacy clinical systems via a full and open competition; anticipate VistA-based solutions to be part of one or more competitive offerings received by DoD
- VA will modernize their existing VistA program

- **Moving Forward Together: Continued Collaboration and Partnership**

- Partner on acquisition and execution of joint data interoperability capabilities
 - Remain co-staffed
 - Share funding responsibility
- Collaborate during DHMSM acquisition and VistA Evolution development



DHMS Organizational Structure



Three offices report to DHMS with following common goals:

- Create seamless integration of DoD, VA, and private healthcare provider data
- Modernize the software to support DoD and VA clinicians



- Acquire, deploy, implement, and sustain an enterprise EHRs using standards-based open architecture interfaces
- Support DoD clinicians in all care environments including outpatient, inpatient, emergency, intensive, and specialty
- Fit the 21st century EHR business and workflow models

- Develop technical solutions for data interoperability capabilities to securely and reliably exchange standardized data
- Allow users at different locations and in different organizations to access, use, and supplement health care data

- Acts as the single point of accountability for the development of capabilities that enable interoperability of personal health care information between the Departments
- Ensures both Departments consistently implement national and international health data standards



DHMS Strategy Map

Mission

Acquire, integrate and deploy electronic health record solutions that improve clinical decision making and advance healthcare data interoperability

Vision

Positively impacting the health outcomes of Servicemembers, Veterans, and beneficiaries

Goals

Lead and coordinate DoD and VA adoption of and contribution to health data interoperability standards

Provide technical solutions for seamless data sharing and interoperable health records that evolve with national standards

Competitively acquire, test, deliver and successfully transition to a state-of-the-market EHR System

Values

Innovation

Excellence

Trust

Credibility

Transparency

Collaboration

Responsiveness

Accountability

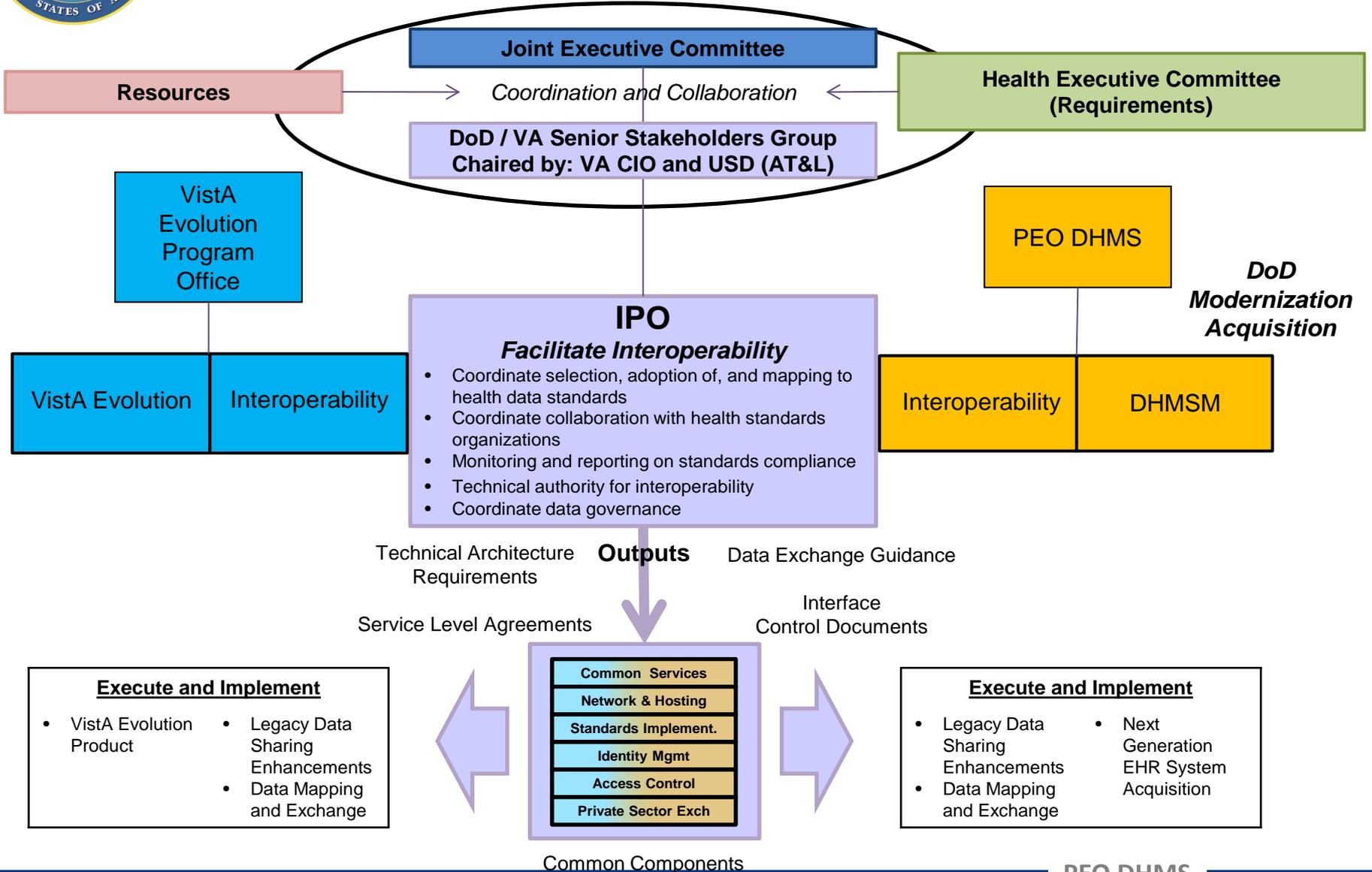


Looking Back at FY13

- **Developed and received approval for updated operating model for electronic health records and supporting health data exchange**
- **Near-Term Interoperability Improvements:**
 - ✓ Completed JLV deployment to seven additional sites and expanded its use at two existing
 - ✓ Provided access to standardized data through a single, integrated view at nine priority sites
 - ✓ Developed a data capability (to be deployed by the beginning of CY 2014) to give DoD and VA clinicians access to standardized, integrated clinical record data
 - ✓ Enhanced “Blue Button” functionality, giving patients the ability to download and share their own electronic medical record information in industry standard formats
 - ✓ Upgraded the data transport capability to support data exchange requirements
- **Modernizing our DoD Software:**
 - ✓ Gained approval for Functional Advisory Council (FAC) charter; FAC will deliver DoD consolidated functional requirements
 - ✓ Established DHMS program office and supporting PEO
 - ✓ Conducted two DHMSM industry days
 - ✓ Began development of supporting acquisition and contract Request For Proposal (RFP)



Operating Model





PEO DHMS Acquisition Strategy

- **Interoperability**

- Partner with and leverage the Office of the National Coordinator (ONC) interoperability efforts
- Incrementally improve interoperability through near-term fielding of accelerators and enhancements to existing programs
- Partner with DHA and VA to ensure we are providing scalable and common solutions

- **Modernization**

- Full and open competition to acquire a replacement system for DoD legacy Military Health System (MHS) clinical systems
- Utilize a tailored acquisition strategy and hybrid contracting approach to realize maximize value and deliver effective solutions that meet our requirements
- Leverage key design tenants of open architecture to mitigate vendor lock-in and enable future flexibility



IPO Mission and Objectives

- **Mission**

- Be the single point of accountability in the development and implementation of electronic health records systems or capabilities that allow for full interoperability of healthcare information between the Departments
- Lead the Departments' efforts to implement national health data standards for interoperability



- **Objectives**

- Establish, monitor, and approve the clinical and technical standards profiles and processes to ensure seamless integration of health data between the two Departments and private health care providers
- Work hand-in-hand with Health Architecture Review Board (HARB) and Interagency Clinical Informatics Board (ICIB)
- Represent and lead the DoD and VA efforts with ONC and other national and international standards organizations



New IPO Charter

Status

Completed and signed 5 December 2013

• Charter highlights

- Leveraged the JEC Charter as a model
- Leveraged legislation that created the IPO
- Scopes the IPO to be a health data standards guidance and enforcement entity
- Excludes modernization and integration of legacy systems; this is the responsibility of the Departments

DoD/VA Interagency Program Office

CHARTER

This agreement between the Department of Defense (DoD) and Department of Veterans Affairs (VA) replaces the previous DoD/VA Interagency Program Office (IPO) Charter and, consistent with existing law, outlines the IPO's purpose, responsibilities, structure, governance and procedural guidelines.

Purpose: The DoD/VA IPO acts as the single point of accountability in the development and implementation of electronic health records systems or capabilities that allow for full interoperability of health care information between the Departments pursuant to reference a.

References:

- Section 1635 of the National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2008, Pub. L. 110-181; as amended by Section 252 of the Duncan Hunter NDAA for FY09, Pub. L. 110-147.
- Pub. L. 104-113, National Technology Transfer and Advancement Act of 1995
- 38 USC Section 8111, Sharing of Department of Veterans Affairs and Department of Defense health care resources.
- Department of Defense Instruction (DODI) 6010.23, DoD and Department of Veterans Affairs (VA) Health Care Resource Sharing Program, January 23, 2012.
- Department of Defense and Department of Veterans Affairs Interagency Program Office (IPO) Charter, October, 2011.
- TMA/VHA Cost Sharing Memorandum of Agreement, October 2012.
- 38 USC Section 320, JEC guidance.
- OMB Circular A-119, Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities
- Joint Executive Committee Charter, dated March 20, 2012.

Responsibilities:

1. Actively engage with national and international health standards setting organizations to ensure their resulting standards (e.g., data formats, messaging, exchange protocols, meaningful use, usability, privacy, security and safety) meet the needs of VA and DoD in a manner consistent with references a and b.
2. The IPO, a critical enabler for Department interoperability, will work hand-in-hand with the Health Architecture Review Board (HARB), to ensure that both Agencies are appropriately synchronized, adhering to the same critical standards, and providing the Health Executive Committee (HEC) a consolidated view of interdepartmental architecture and initiatives.

Professional deliberative matter for official use within the Department of Defense and Department of Veterans Affairs.

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Electronic Health Record Data Sharing: Future Efforts

- **Data Interoperability Standards Identification and Development**
 - Actively engage with ONC and international health standards setting organizations and collaborate with DoD and VA subject matter experts
 - Identify and prioritize the data domain terminology and technical standards necessary to create a seamless integration of DoD and VA health care record data based on functional use cases
 - Develop joint (DoD/VA) data interoperability standards for each data domain as well as guidance on data interoperability compliance and implementation of the standards
- **Support Data Interoperability Standards Implementation**
 - Coordinate the development of an Interagency Data Sharing Strategy and Plan
 - Oversee and approve DoD and VA adoption of and mapping to the identified standards
 - Coordinate the development and execution of Data Interoperability Standards Governance which is critical to maintaining and continuously improving Data Interoperability for the future
- **Monitor and Report on Data Interoperability Standards Adoption**
 - Develop and monitor appropriate metrics concerning the adoption and subsequent effect of Data Interoperability Standards with periodic reporting to the parent agencies and quarterly reports to Congress

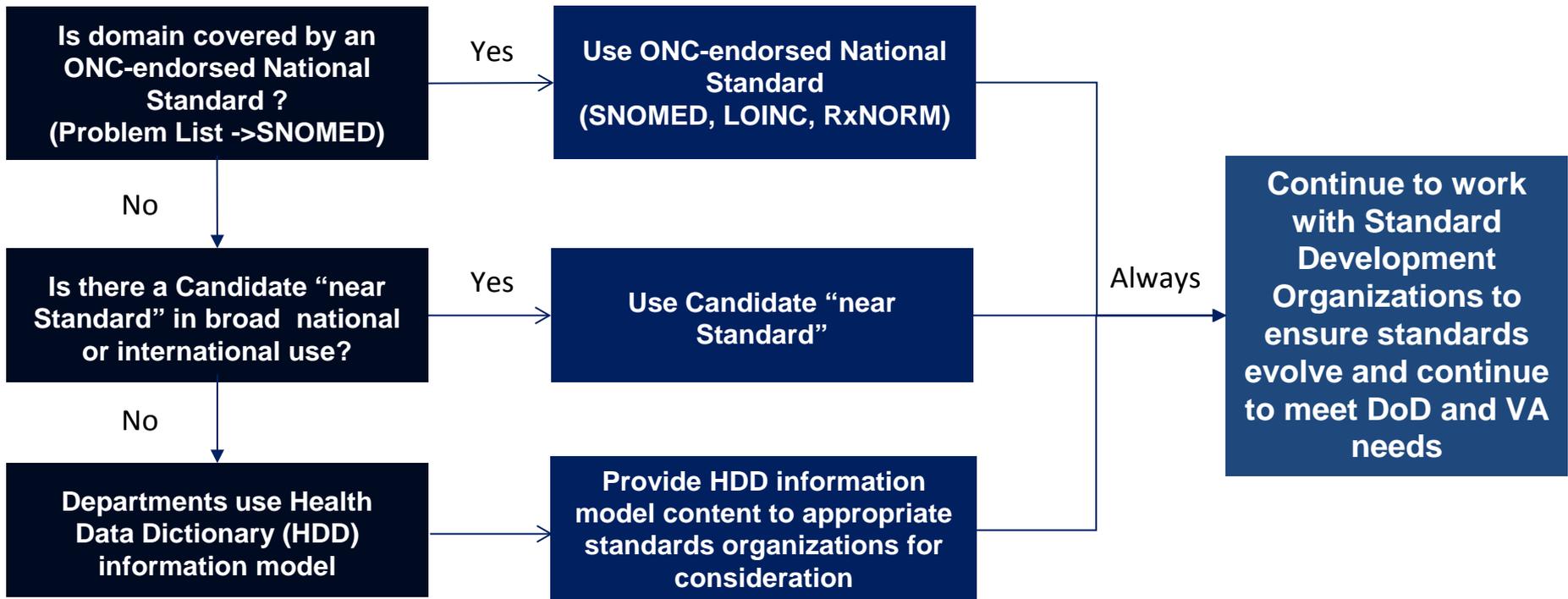


ONC Collaboration and Partnership

- **ONC will be involved in DHMSM's draft Request for Proposals by:**
 - Ensuring the language and requirements for industry meet the current national data standards
 - Helping to require industry to drive the next generation of data standards
- **IPO will be the single point of accountability for DoD and VA regarding data standards. IPO will work with ONC to:**
 - Identify, draft, and implement data interoperability standards for both Departments
 - Ensure that the VistA Modernization and DHMSM Acquisition adhere to the selected data interoperability standards in the development and acquisition of new capabilities and systems



IPO Role in National Standards: Implementation Cycle



Acronyms:

- ONC – Office of the National Coordinator for Health Information Technology
- SNOMED – Systematized Nomenclature of Medicine
- LOINC – Logical Observation Identifiers Names and Codes
- RxNORM – Normalized Names for Clinical Drugs



What Does Success Look Like?

- **Servicemembers and Veterans**

- Increased record portability
- Improved record accessibility

- **DoD and VA Clinicians**

- Improved decision-making based on integrated patient information



- **IPO**

- Recognized as health data interoperability authority
- Partner with ONC and other health data standards organizations
- Achieve JEC Joint Strategic Plan (JSP) SMART objectives
- Guide Departments to implement technical data interoperability standards profile and processes

- **Interoperability**

- Deliver federated data elements iteratively

- **DHMSM**

- Field modernized system by FY17

- **VistA Evolution**

- Achieve Initial Operating Capability by OCT 2014
- Achieve modernized system FOC 2017



**Positively impacting
the health outcomes of
active duty military,
Veterans and their
beneficiaries**

