

2016 Defense Health Information Technology Symposium

PEO DHMS Update



“Medically Ready Force...Ready Medical Force”

Learning Objectives

- Understand the mission of the Program Executive Office Defense Healthcare Management Systems (PEO DHMS) and its role in delivering technology to support the interoperability and modernization requirements of the Military Health System
- Describe the organizational role of PEO DHMS with the deployment of MHS GENESIS
- Discuss the progress since contract award and toward full deployment

Agenda

- Mission and organization
- Our modernization journey
- Acquisition lessons learned
- Moving forward

Mission and Organization



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Military Health System

A YEAR IN THE LIFE OF THE MILITARY HEALTH SYSTEM



MHS BY THE NUMBERS



- 205,000+ Healthcare Professionals and Support Staff
- 9.4 Million Eligible Beneficiaries
- 55 Military Medical Centers and Inpatient Hospitals
- 373 Health Clinics
- 245 Dental Clinics
- 5 Theater Hospitals
- 199 Forward Deployed Sites
 - » 141 Army
 - » 11 Air Force
 - » 45 Navy
 - » 2 Marine Corps
- 300 U.S. Navy Ships
- 2 Hospital Ships

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PEO DHMS Mission

To efficiently improve healthcare for the active duty military, Veterans, and beneficiaries by:

- Establishing seamless medical data sharing between DoD, the VA, and the private sector
- Modernizing the electronic health record (EHR) for the Military Health System



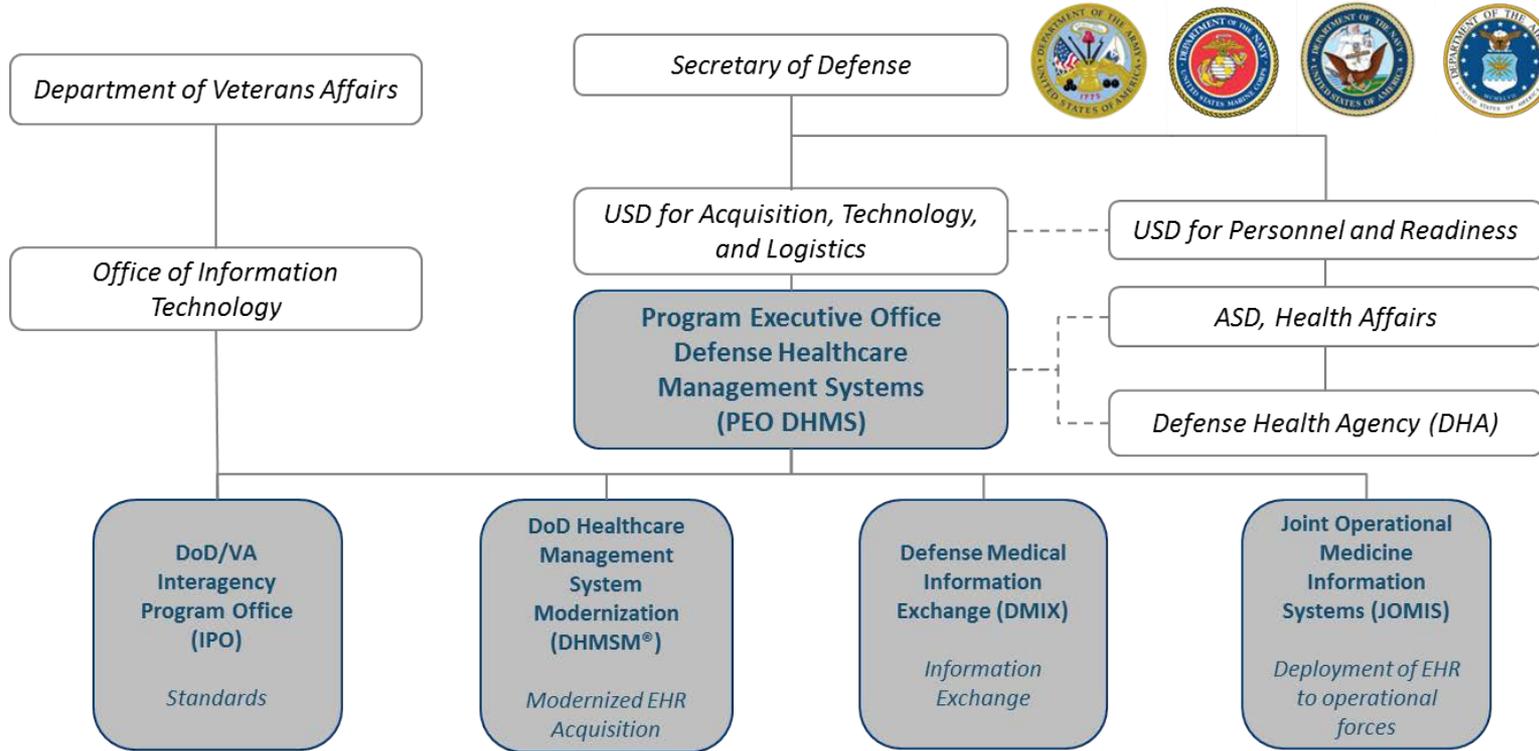
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PEO DHMS Alignment



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Continuum of Care



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Levels of Care



Role 1
Combat Casualty
 First Responder
 Medic/Corpsman



Role 2
MEDEVAC
 Aid Stations
 Medical Capabilities
 Afloat
 Forward Surgical Teams



Role 3
In Theater Hospital
 Combat Support Hospitals
 Hospital Ships
 Expeditionary Medical
 Facilities

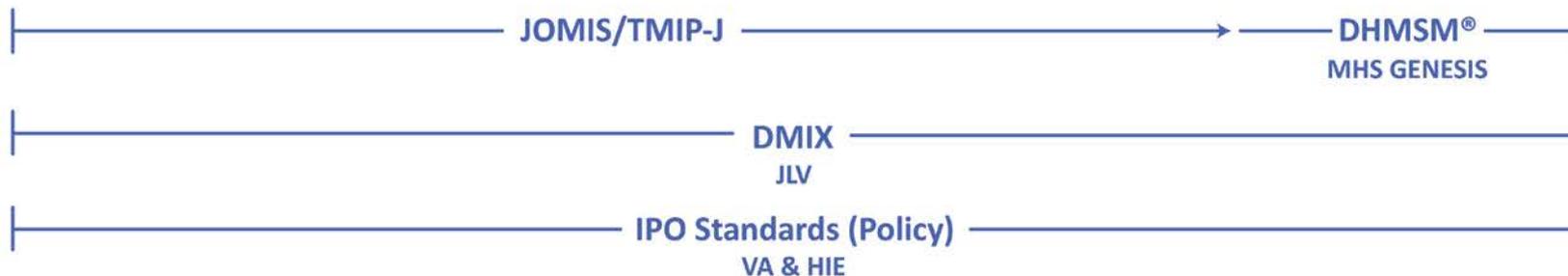


En route Care
 Patient Staging Facilities
 Critical Care Air Transport
 Teams
 "Care in the Air"



Roles 4/5
 Military Treatment
 Facilities
 Private Sector
 Department of
 Veterans Affairs

Program
 Management
 Office



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Our Modernization Journey



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Why Modernize?



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MHS GENESIS

Prime Contractor: Leidos, Inc.

Contract: \$4.3 billion

Teaming Name: Leidos Partnership for Defense Health (LPDH)

Core Partners: Leidos Inc., Cerner Corporation, Accenture, and Henry Schein Inc.



What is MHS GENESIS?

- Integrated inpatient and outpatient EHR to replace select DoD legacy healthcare systems
- Interface with select legacy systems to meet the unique needs of the military
- Commercial off the shelf solution consists of Cerner Millennium and Henry Schein's Dentrax



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Value of Interoperability



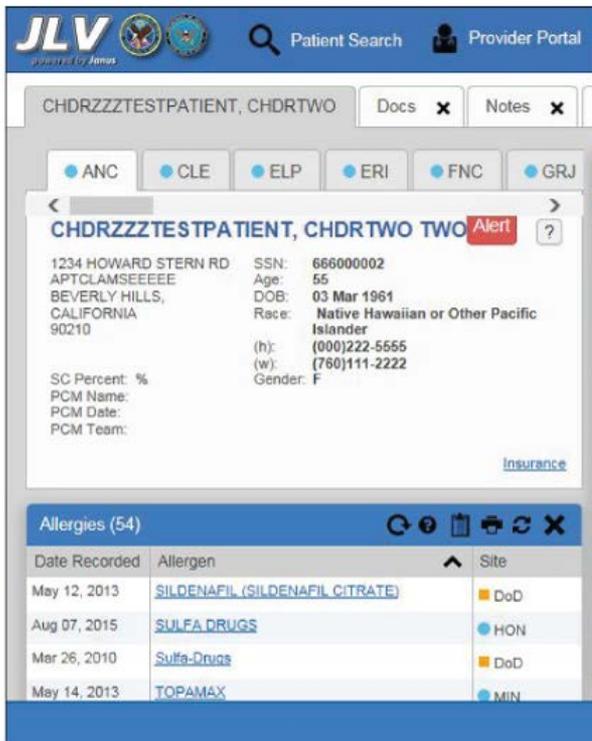
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Health Data Sharing



Date Recorded	Allergen	Site
May 12, 2013	SILDENAFIL (SILDENAFIL CITRATE)	DoD
Aug 07, 2015	SULFA DRUGS	HON
Mar 26, 2010	Sulfa-Drugs	DoD
May 14, 2013	TOPAMAX	MIN

Patients

9.4M eligible beneficiaries
218K weekly Blue Button views

Private Sector

60% of care
11+ HIE connections

Federal Partners

7.4M unique patient records shared with VA
Claims adjudication with Social Security

BY THE NUMBERS

INTEGRATED VIEWER

Joint Legacy Viewer (JLV)

361 Sites in use between DoD and VA

46,036 DoD users**

144,767 VA users**

DATA

1.8M DoD health terms

1.5M Data elements exchanged daily between DoD and VA

7.4M Unique patients for whom records are exchanged between DoD and VA

** Total unique users as of 24 June 2016. Numbers change weekly due to current transition of legacy viewer users to JLV.

Single Electronic Health Record

Garrison



Operational



- Two-way communication
- Train like we fight
- Incorporate dental capability
- Replace end-of-life TMIP-J components

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Collaborative Delivery

Deliver a modernized EHR to garrison and operational points of care, and transform how the Military Health System provides healthcare

Acquisition

PEO DHMS

Solution Delivery & Infrastructure

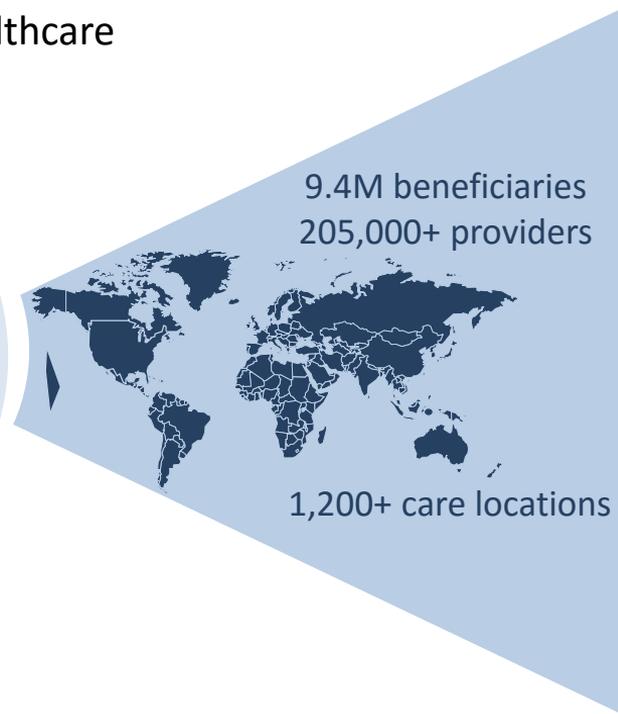
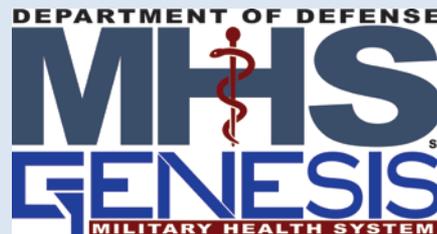
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Business Processes & Requirements

Functional Champion

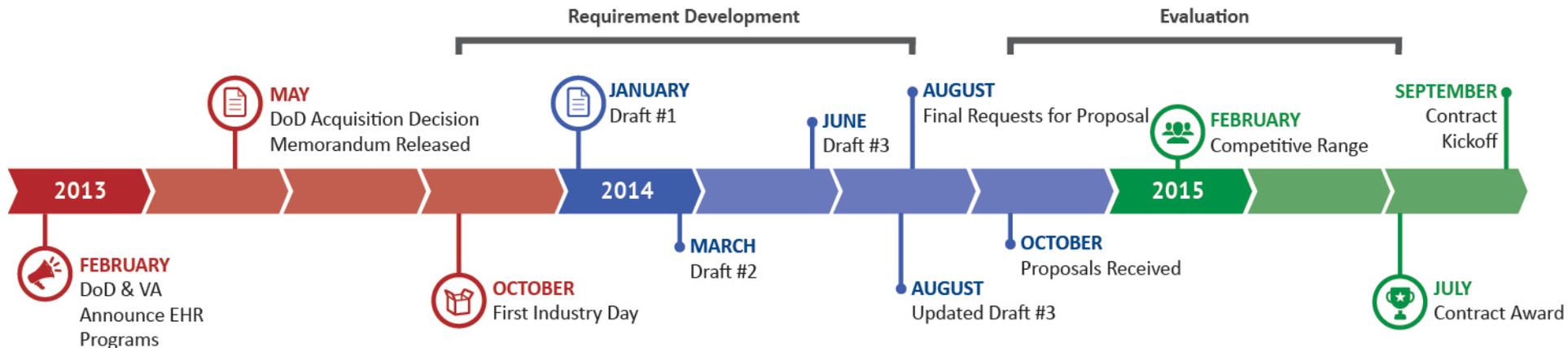
Site Preparation

Services



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Our EHR Modernization Journey



BY THE NUMBERS

4	Industry Days	2000+	Questions and Comments Addressed
3+	Draft Requests for Proposals (RFPs)	10+	Healthcare Provider Organization Engagements
7	Requests for Information (RFIs)	50+	One-on-one Meetings with Industry

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Acquisition Lessons Learned



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Guiding Principles

-  Standardization of clinical and business processes across the Services and MHS
-  Design a patient-centric system focusing on quality, safety and patient outcomes that meet readiness objectives
-  Flexible and open, single enterprise solution that addresses both garrison and operational healthcare
-  Clinical business process reengineering, adoption, and implementation over technology
-  Configure not customize
-  Decisions shall be based on doing what is best for the MHS as a whole – not a single individual area
-  Decision-making and design will be driven by frontline care delivery professionals
-  Drive toward rapid decision making to keep the program on time and on budget
-  Provide timely and complete communication, training, and tools to ensure a successful deployment
-  Build collaborative partnerships outside the MHS to advance national interoperability
-  Enable full patient engagement in their health

Acquisition Lessons Learned

- Enterprise business systems require a multi-disciplinary team with mix of functional, technical, and acquisition experts
- Aggressively communicate and engage stakeholders inside and outside DoD
- Establish well-defined and realistic objectives based on guiding principles
- Embed technical experts in all aspects of the acquisition

Moving Forward



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Years Until a Third of U.S. Population Used



Radio

31



TV

26



PC

16



Cell Phones

13



Internet

7

Business processes have less and less time to adapt to new solutions

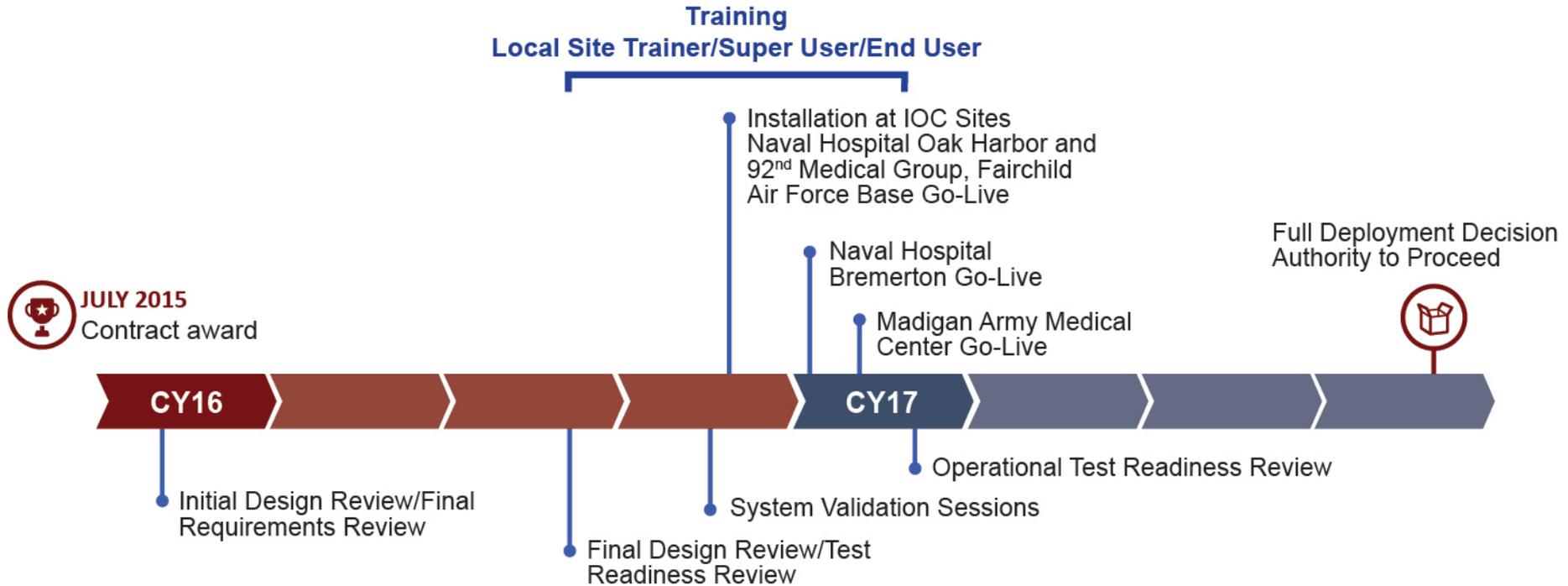
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DoD Healthcare Management System Modernization (DHMSM®) Program Management Office IOC Execution



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Summary

- Integrated inpatient and outpatient EHR
- Single EHR across the spectrum of military operations
- Support data interoperability requirements with VA and external healthcare organizations

Questions?

Learn more:

-  www.health.mil/dhms
-  www.milsuite.mil/book/groups/mhs-genesis
-  @DoD_EHR
-  Defense Healthcare Management Systems

Evaluations



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- Please complete your evaluations

Contact Information



2016 Defense Health Information Technology Symposium

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