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Defense Health Agency

2016 Defense Health Information Technology Symposium

2016 Defense Health Information Technology Symposium

JOMIS—Supporting Operational Forces



“Medically Ready Force...Ready Medical Force”

Learning Objectives

- Summarize how the Joint Operational Medicine Information Systems (JOMIS) Program Management Office (PMO) will deploy MHS GENESIS and theater capabilities to expeditionary locations
- Illustrate how JOMIS PMO will meet existing and emerging theater medicine information requirements
- Update the audience on the schedule and status for JOMIS Increment 1
- Provide current status on Theater Medical Information Requirements (TMIR) Capability Development Document (CDD) and JOMIS future increments

Agenda

- Organization and mission
- JOMIS Increment 1 status
- Way forward



Organization and Mission



“Medically Ready Force...Ready Medical Force”

Program Executive Office Defense Healthcare Management Systems (PEO DHMS) Mission



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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



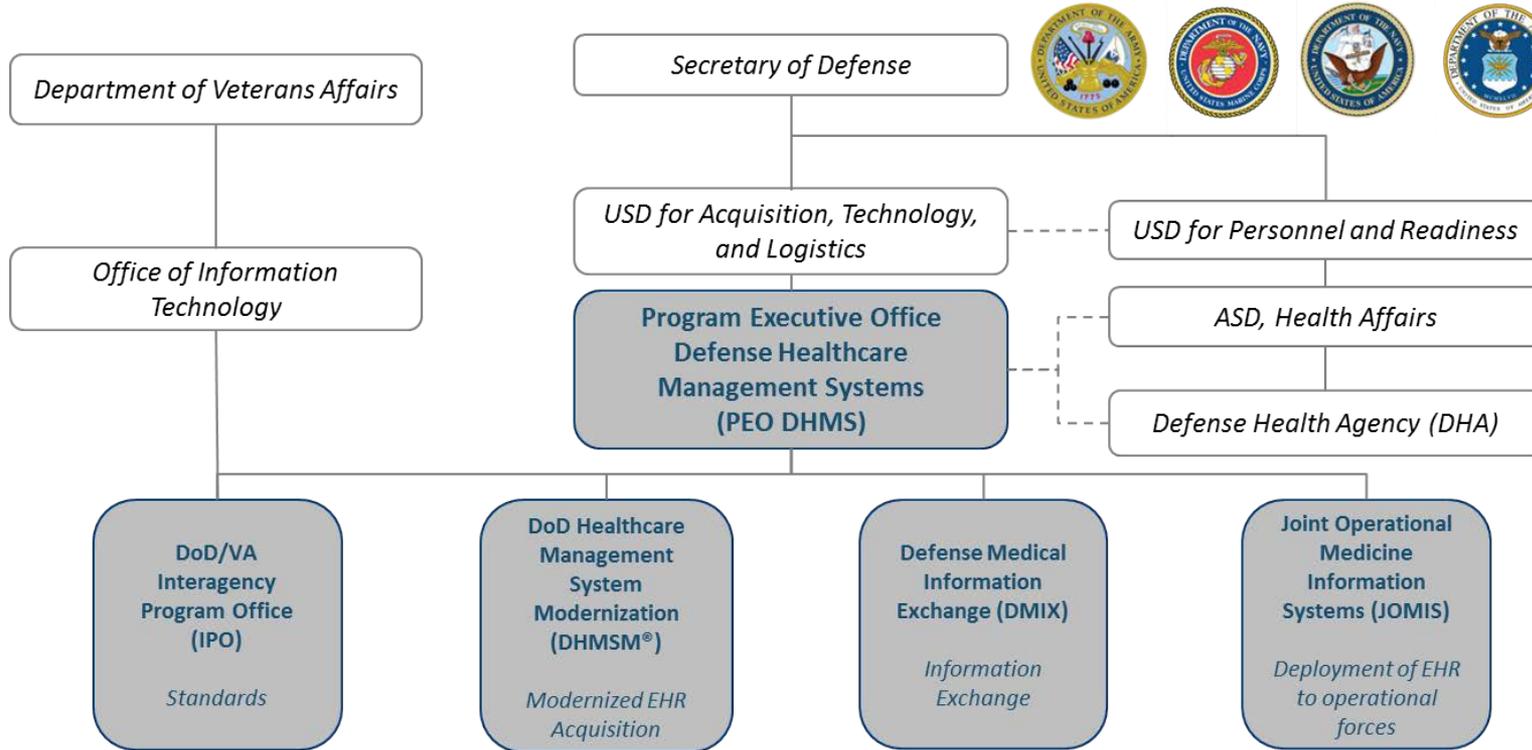
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PEO DHMS Alignment



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JOMIS PMO Mission

Develop, deploy, and sustain the MHS GENESIS EHR solution and other integrated operational medicine information systems for the delivery of comprehensive health services to the deployed forces across the range of military operations



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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
 DoD Medical
 Treatment Facilities
 Private Sector
 Department of
 Veterans Affairs

Program
 Management
 Office



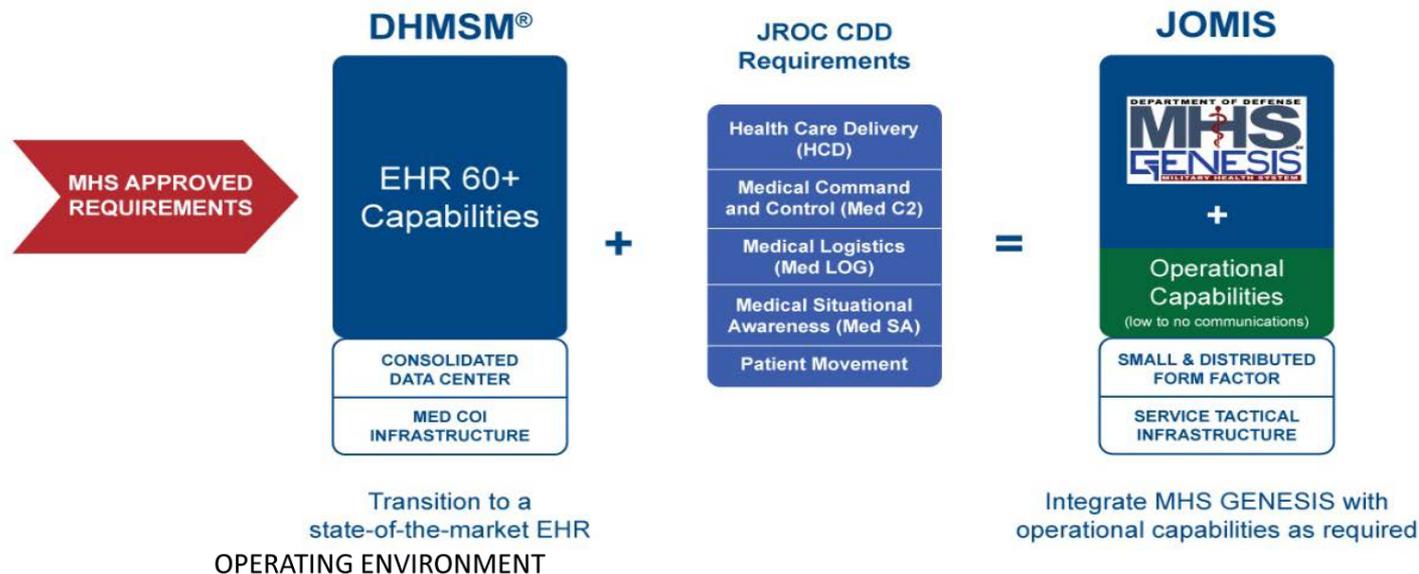
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Modernized EHR – Single Enterprise Solution



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55	Military Medical Centers & Inpatient Hospitals	450+	Forward & Resuscitative Sites
373	Health Clinics	300+	Ships
245	Dental Clinics	2	Hospital Ships
		5	Theater Hospitals
		3	Aeromedical Staging units

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Recent Key Accomplishments

- Completed Product Evaluation and Gap Analysis of MHS GENESIS for existing operational medicine (OM) requirements (DEC 2015)
- Conducted JOMIS Industry Day (APR 2016)
- Achieved Full Deployment for TMIP-J Increment 2 (JUN 2016)



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TMIP-J Full Deployment

- TMIP-J Increment 2 Full Deployment – 26 May 2016
- Mobile Computing Capability (MCC) released to Services – 29 June 2016
- Visit the MHS Pavilion for MCC demonstration!



MCC - DoD Approved First Responder Tool

- Point of Injury documentation
- Secure
- Use with DISA-approved commercial-off-the-shelf equipment (Android)
- Single direction uploads

JOMIS Increment 1 Status



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JOMIS Increment 1

- Test and field MHS GENESIS
- Integrate TMIP-J components
- Sunset AHLTA-T and TC2 systems
- Includes dental readiness data
- Deployment and training



Increment 1 Interfaces



- Maritime Medical Modules (MMM)
- Theater Medical Data Store (TMDS)
- Deployed Tele-Radiology System/Theater Imaging Repository (DTRS/TIR)
- Mobile Computing Capability (MCC)

Way Forward



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Theater Medical Information Requirements (TMIR)

- 5 Operational Medicine capability areas
 - Health Care Delivery
 - Medical Logistics
 - Medical Situational Awareness
 - Medical Command and Control
 - Patient Movement
- OM Requirements Definition Process
 - TMIR Capability Development Document (CDD) drafted



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Future Priorities

- Conduct Model System Reviews of MHS GENESIS system configuration with operational medicine stakeholders
- Joint Deployment and Training Plan (JDTP)
- Test & Evaluation Master Plan (TEMP)
- Operational Medicine Government Approved Lab (OM GAL) testing
- Define requirements for JOMIS future increments



**OM GAL
Tents at
Fort Detrick**



Summary

- **TODAY:** Theater medical capabilities provided TMIP-J with 11+ separate system components; requirements documented in TMIP-J Capability Production Document (CPD)
- **JOMIS Increment 1**
 - Provide capabilities for medical & dental documentation, ancillary Services and dental care using MHS GENESIS
 - Replace AHLTA-T and TC2 and integrate with remaining 9 TMIP-J systems
- **FUTURE:** JOMIS to deliver an integrated, enterprise system for provision of theater medical services and data management across the continuum of care
- **JOMIS future increments**

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

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