

YEAR IN REVIEW | FISCAL YEAR 2023



THE END OF THE BEGINNING



DEFENSE
HEALTHCARE
MANAGEMENT
SYSTEMS

MESSAGE FROM THE DEPUTY PEO

Our journey is at the end of the beginning.

Welcome to the Program Executive Office, Defense Healthcare Management Systems Fiscal Year 2023 year in review. With our latest MHS GENESIS deployments across Europe, we're nearing completion of baseline deployment to Department of Defense garrison facilities. We are at the end of the beginning of our journey to modernize health care and advance data capabilities for service members, veterans, and their families.

This year in review will reveal the impressive accomplishments of PEO DHMS and our program management offices. We deployed MHS GENESIS to several waves and integrated new capabilities as we strive to optimize the patient and provider experience. We made major strides developing the Operational Medicine Care Delivery Platform, which will

modernize health care delivery and electronic health record access to service members deployed throughout the world. We also continued developing and deploying the Medical Common Operating Picture, the Joint Health Services' command platform for real-time visibility of unit health equipment and supplies. In the data space, our Enterprise Intelligence and Data Solutions PMO completed the largest data migration in the history of the Military Health System and began decommissioning legacy systems across the country that MHS GENESIS replaced.

Thank you for your continued support of our outstanding organization as we transform health care across the MHS. It's an honor to serve with all of you, and I look forward to another outstanding year.



Mr. Chris Ruefer
Deputy Program Executive Officer
PEO DHMS

MHS GENESIS DEPLOYMENT

DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION
PROGRAM MANAGEMENT OFFICE

Completed deployment to **eight waves, 33 parent Military Treatment Facilities** and over 1,000 total locations in FY2023, adding approximately 60,000 more users and 2.1 million beneficiaries.



DOD Deployment – 91% Complete

Current Operations by the Numbers:

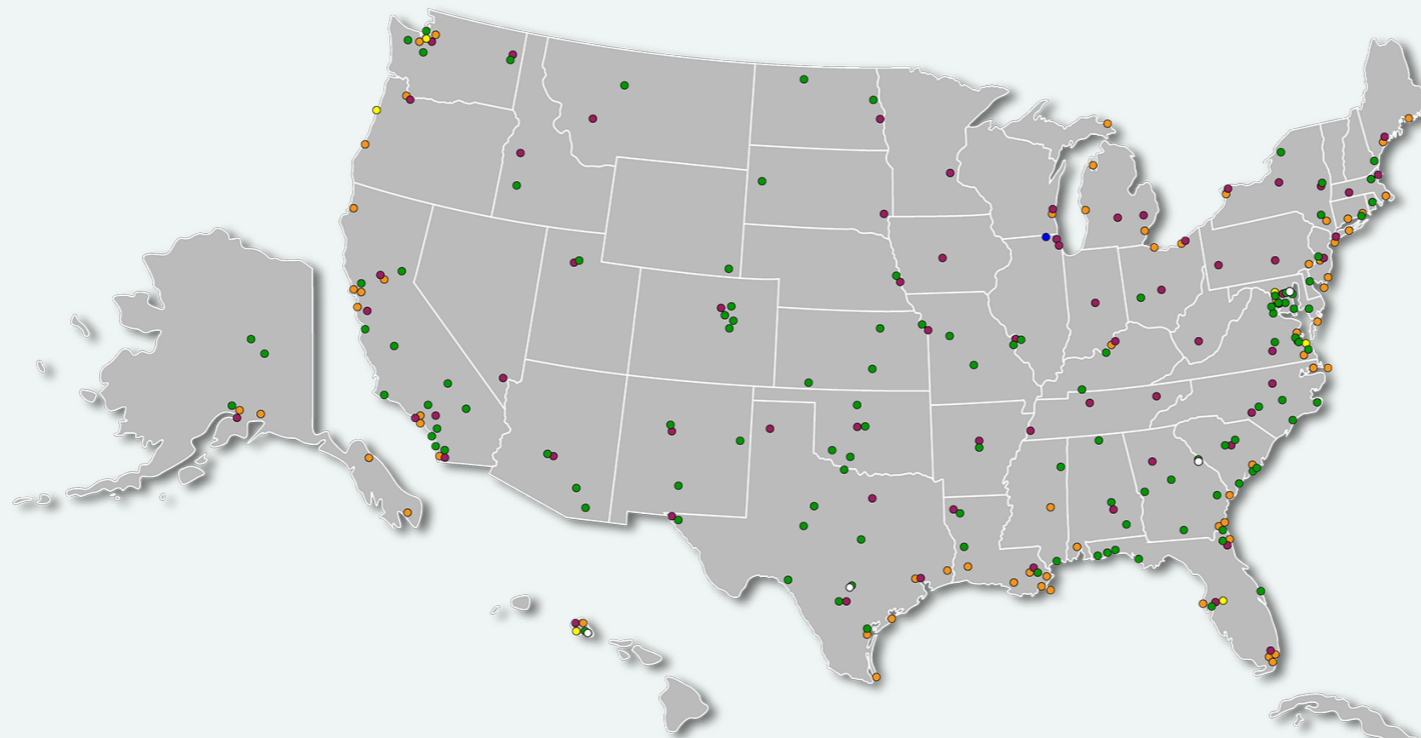
DOD Military Treatment Facility Commands
125

Provisioned MHS GENESIS Users
176K

Beneficiaries Served
7.2M of 9.6M

MHS GENESIS Current Operations

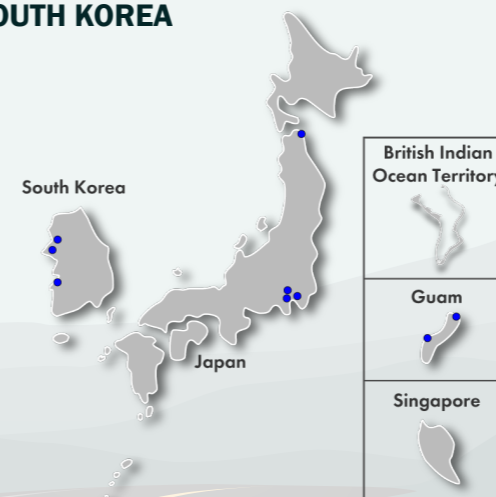
As of Wave LANDSTUHL/LAKENHEATH Go-Live



WAVES LANDSTUHL/LAKENHEATH



WAVES OKINAWA and GUAM/SOUTH KOREA



Deployment Waves Completed

- IOC SITES (2017)
- WAVE TRAVIS SITES (2019)
- WAVE NELLIS SITES (2020)
- WAVE PENDLETON SITES (2020)
- WAVE SAN DIEGO SITES (2021)
- WAVE CARSON+ SITES (2021)
- WAVE TRIPLER SITES (2021)
- WAVE BAMC SITES (2022)
- WAVE LACKLAND SITES (2022)
- WAVE BRAGG SITES (2022)
- WAVE HOOD SITES (2022)
- WAVE BEAUMONT SITES (2022)
- WAVE GORDON SITES (2022)
- WAVE ELGIN SITES (2022)
- WAVE JACKSONVILLE SITES (2022)
- WAVE DRUM (2023)
- WAVE PORTSMOUTH (2023)
- WAVE WALTER REED (2023)
- WAVE BELVOIR (2023)
- WAVE WRIGHT-PATTERSON (2023)
- WAVE LANDSTUHL (2023)
- WAVE LAKENHEATH (2023)

- USCG PILOT SITES (2020)
- USCG PACIFIC SITES (2021)
- USCG ATLANTIC SITES (2021)

USMEPCOM SITES (2022)

NOAA SITES (2023)

Future Deployment Sites

- WAVE GUAM/SOUTH KOREA
- WAVE OKINAWA

FHCC Deployment

NSA Deployment

Map legend/
colors

● DOD sites
deployed
(completed)

● USCG sites
(completed)

● US MEPCOM
sites (completed)

● NOAA sites
(completed)

● DOD sites
"in flight"

● FHCC sites
"in flight"

○ NSA sites
TBD

NOTE: Data as of September 30, 2023



THE END OF THE BEGINNING

NEW CAPABILITIES ADDED TO MHS GENESIS IN 2023

CAPABILITY BLOCK 8

PIP 2.0



Maximizes reporting flexibility by providing ability to reference each field or a combination of fields and improves end-user functionality by placing all data in one location

FirstNet LaunchPoint Design



Streamlines end-user workflow by providing access to all needed tools within a single role in a simple, intuitive view

FirstNet Trauma Documentation



Real-time documentation of care and a single dynamic view for clinicians to capture documentation efficiently

Anticoagulation



Enables providers to document care directly into a patient's chart, access best practices of treatments, and provides continuity of care

CAPABILITY BLOCK 9

Dialysis Day of Treatment



Creates efficiencies and supports dialysis procedures, including focused content with documentation and power plans for day of treatment

Patient Portal Use for Periodic Health Assessment Questionnaire



Creates a single system for PHAs that includes a new patient portal e-Clipboard

IZ Gateway for Immunizations



Allows users to query state and public health authority immunization information systems and import records into MHS GENESIS

Reconciled Duplicate Problems, Allergies, Medications, Procedures, and Immunization Fields



Benefits staff by streamlining data entry process

Dental Financial Identification Numbers



Eliminates the need to create duplicate appointments by assigning Dental FINs to appointments, sends status updates from Dentrix to Revenue Cycle, and more fully integrates Dentrix into MHS GENESIS

Dental Readiness Data Delivered to Agile Core Services Data Access Layer



Delivers in real time vs. once daily file transfer; added other elements including panoramic dental radiography data and last exam date to file

OPERATIONAL MEDICINE

JOINT OPERATIONAL MEDICINE INFORMATION SYSTEMS
PROGRAM MANAGEMENT OFFICE



Product Development Milestones

- Completed prototype development of all OpMed CDP products and demoed to stakeholders throughout FY23
- Data Integration
- Integration of clinical workflows and standard user reports
- Gathered user feedback hosting workshops and participating in several military medical exercises

OpMed Care Delivery Platform



Battlefield Assisted Trauma Documentation Observation Kit

BATDOK™ is a point-of-injury documentation tool that enables medics to wirelessly monitor multiple patients' vital signs and enables users to capture a patient's complete medical history to prepare for transfer to next level of care.



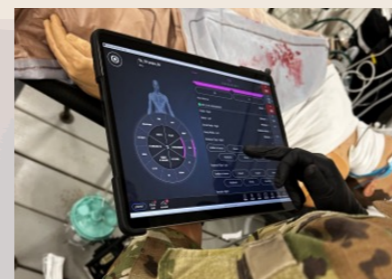
Trauma Advanced Care

Stabilizes patients through resuscitation and hemorrhage and contamination control; supports mass casualty and advanced care in combat environments.



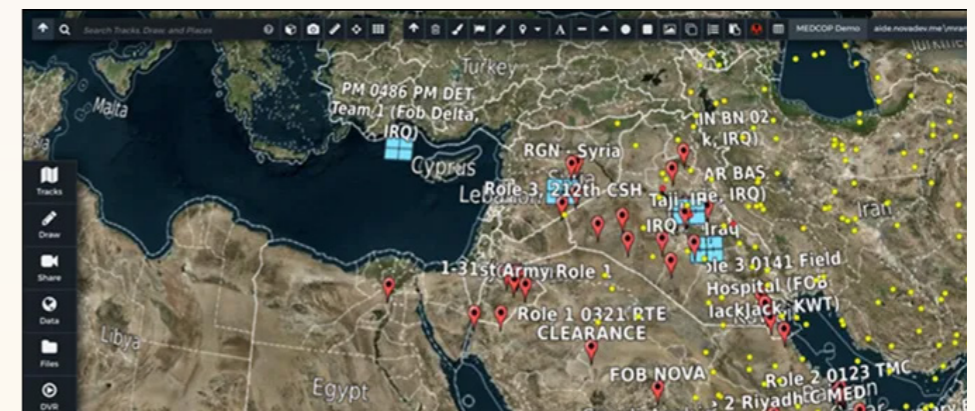
Routine Ambulatory Care

Enables evidence-based care of disease non-battlefield injuries and assists in medical readiness documentation with periodic health assessments, post-deployment reassessments, physicals, and entering of PAMPI (problems, allergies, medications, procedures, and immunizations) data.



Medical Common Operating Picture

MedCOP — a web-based application that synchronizes data across multiple network domains — deployed at every combatant command.



Theater Blood Mobile

Completed Minimum Viable Product iteration of TBLD-M application that will manage and electronically document blood product donations, blood asset inventory, and blood transfusions.



DATA CAPABILITIES

ENTERPRISE INTELLIGENCE AND DATA SOLUTIONS
PROGRAM MANAGEMENT OFFICE

Legacy System Decommissioning

Through the Health Information Archive, a secure health data repository/records management application, EIDS and the Defense Health Agency decommissioned legacy systems at the below locations in FY23. MHS GENESIS replaced these systems and HIA became the legacy source for MHS GENESIS. HIA provides clinicians with direct access to a single source of longitudinal historical patient medical records.



Operation Helios

EIDS completed the largest data migration in DHA's ten-year history, creating a secure location and associated data catalog for improving speed of access to military health system, MHS Data Repository and MHS Mart, now found within the centralized data analytics platform known as the MHS Information Platform or the MIP.

Data encompassing a decade's worth of dispersed health care data from more than 35 data sources used to process 60 billion records annually, was transferred to the Cloud. The migration eliminated stringent data silos, reduced DHA operational costs, improved the provider experience, increased automation, and improved performance.

OUTREACH & ENGAGEMENT

DHMS showcased its products at conferences throughout the year and program leaders spoke at 40 conferences, events and panels throughout FY23, highlighted by the below.

HIMSS

More than 40,000 attendees convened for the Health Information and Management Systems Society Global Health Conference and Exhibition in Chicago, April 2023. DHMS showcased its data services and operational medicine products and Ms. Holly Joers, program executive officer, spoke on a leadership panel and a HIMSS TV segment.



DHITS

More than 2,500 attendees convened at the Defense Health Information Technology Symposium in New Orleans in August 2023. DHMS personnel spoke at 17 breakout sessions and a plenary session (pictured top) and demonstrated products from each PMO (pictured bottom).



DSI OpMed Symposium

At Defense Strategies Institute's 5th Annual Operational Medicine Symposium & Technology Showcase in San Antonio in March, JOMIS displayed its full suite of new products and Ms. Holly Joers gave the closing plenary session to the event's 1,000 attendees.

