

# Leidos Partnership for Defense Health



## ABOUT MHS GENESIS

MHS GENESIS is a technology and healthcare transformation program designed to standardize the delivery of healthcare for nearly 10 million service members and their families. When the program is fully deployed, MHS GENESIS will seamlessly integrate patient records so providers spend less time managing records—and more time with patients.

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## PROGRESS TO DATE

MHS GENESIS is on track for full deployment and is currently in the Initial Operational Capability (IOC) evaluation period, which began in July 2015 and will continue through November 2018. The IOC includes planned testing and optimization periods to further enhance the MHS GENESIS system.

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## THE FUTURE AND NEXT STEPS

We are working closely with the Military Health System community to continue to improve the system to meet the needs of the military health community based on ongoing, real-time feedback from the testing sites.

- ▶ The next deployment wave has kicked off and includes: Travis Air Force Base, Naval Health Clinic Lemoore, Presidio of Monterey, Mountain Home Air Force Base, and surrounding clinics.
- ▶ This wave also includes National Guard and Reserve locations in the region.
- ▶ The remaining deployment waves will continue across DoD sites over the next few years.

## KEY BENEFITS

- ▶ **Continuity of care across medical and dental facilities.**
- ▶ **Automated, real-time clinical decision support for doctors and care providers.**
- ▶ **Communication tools that enable patients to be involved in developing their care plan.**
- ▶ **Lower overall maintenance costs for legacy systems.**



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# KEY ENHANCEMENTS MADE AT IOC SITES\*



The Leidos Partnership for Defense Health is committed to working with DoD leadership and Military Health System providers to ensure the successful delivery of MHS GENESIS. While we prepare for our next wave of deployments, we want to ensure we continue tracking progress achieved at our four initial operational capability (IOC) sites (Fairchild Air Force Base, Naval Health Clinic Oak Harbor, Madigan Army Medical Center, and Naval Hospital Bremerton). The following achievements have been recognized across the IOC sites.

## PATIENT CARE IMPROVEMENTS

**32%**

Increase in patients seen in outpatient care settings (Jan. – Jul. 2018)

Unique patients seen by a physician user daily, with an ambulatory encounter type (excludes Inpatient, ED, and urgent care)

**38%**

Improvement in turnaround time for routine labs. (60 days post-conversion to Apr. 2018)

## CLINICAL EFFICIENCY IMPROVEMENTS

**25%**

Decrease in the time nurses spent in the EHR in outpatient care settings (Nov. 2017 – Mar. 2018)

**23%**

Decrease in total time providers spent in the EHR for ambulatory clinics (60 days post-conversion to Feb. 2018)

**19%**

Operation room (OR) procedure scheduling duration accuracy improved 19 percent for routine only cases (60 days post-conversion to Apr. 2018)

**48%**

Increase in referrals processed in 1 business day (Jan. – Jul. 2018)

Includes Urgent & Stat referrals, both internal & external; business days exclude weekends and holidays

**2,300**

Top 4 duplicate lab orders avoided (Jan. – Jun. 2018)

**20%**

Provider order time per patient decreased at all IOC sites (60 days post go live — July 2018 per IOC site)

## MEDICATION SAFETY IMPROVEMENTS

**90%**

Average in discharge medication reconciliation compliance (Nov. – Mar. 2018)

**23%**

Increase in inpatient care Bar Code Medication Administration (BCMA) compliance (Oct. 2017 – Feb. 2018)

**62%**

increase in new prescriptions and refills (Jan. – Jul. 2018)

Number of new prescription fills (first time, non-refill) and prescription refills completed by an outpatient pharmacy

## About Leidos Partnership For Defense Health

The Leidos Partnership for Defense Health (LPDH) draws on the collective strengths and decades of expertise of four industry leaders – Leidos, Cerner, Accenture, and Henry Schein – to achieve a successful implementation of MHS GENESIS. Building on our longstanding expertise supporting the U.S. government, LPDH is a team of proven innovators who have consistently delivered large, complex health solution programs for the DoD and VA on time and within budget for nearly three decades. We specialize in delivering patient- and clinician-centric tools, training, and organizational change management support to offer high-quality healthcare technology.

