



ADVANCING THE NEXT GENERATION OF CARE  
AT THE DEFENSE HEALTH AGENCY:

# Building a Healthy Connection Between Technology and People



Leidos is a health IT leader with a proven record of success delivering health data where and when it's needed.

We proudly support the patient-centric mission of the Defense Health Agency. For more than three decades, Leidos has served the agency, from implementing and optimizing electronic health record (EHR) systems to developing health information interoperability capabilities.



## Health IT Solutions for Defense Health Management

Leidos is an industry leader in health IT, data security, and global EHR implementations. Our experience and institutional knowledge allow us to improve access to benefits, services, and health records by providing health exams that speed benefit determination, digitizing records to eliminate disability backlogs, and driving interoperability of integrated EHR capabilities through infrastructure and IT modernization.

### OPTIMIZING ELECTRONIC MEDICAL RECORD SYSTEMS

Leidos has extensive experience in software development, systems integration, and health IT operations, maintenance, and sustainment services. We are proud to be North America's largest commercial consulting practice in EHR implementation services and honored to be the prime contractor for the Defense Health Agency's \$4.3B DHMSM program responsible for the deployment of MHS GENESIS, the follow-on to the groundbreaking AHLTA/CHCS program. To support that effort we formed The Leidos Partnership for Defense Health which is a team of proven innovators that have consistently delivered large, complex health solution programs for the DoD and VA on time and within budget for nearly three decades. Leidos, Cerner, Accenture, and Henry Schein form the core team, complemented with a broad range of large and small business teammates, vendors and suppliers who bring proven experience and expertise specific to both the commercial and DoD healthcare markets. We specialize in delivering patient- and clinician-centric tools, training and change management support to offer a comprehensive and high-quality healthcare technology. The strength of our partnership is founded upon our collective experience in both commercial hospital settings and with the Military Health System. We have more than 25 years of experience with military health solutions, and we understand and are fully prepared to support the unique challenges DoD faces in ensuring quality care for active-duty military, veterans and their families. MHS GENESIS is on schedule to complete its full MHS GENESIS deployment in fiscal year 2022.

## DATA CENTER OPERATIONS

Leidos leads the data center operations management for the VA and MHS providing robust capabilities to both environments and supporting the agencies' objective of seamless care. Beyond the benefits of turning capital expenses into operational expenses, managing the assets for these agencies informs our involvement in other programs and contributes to implementation success.

- ▶ VA locations include six major data centers, five regional data centers, and the nearly 30 remote and third-party locations
- ▶ MHS collocates 25 server racks at a Leidos-managed facility where we support 15 environments for the development, integration, testing, and independent verification testing of the AHLTA/CHCS systems and its components. This data center has on average 200 active users across 114 physical servers, 475 virtual servers, and 189 virtual desktops.

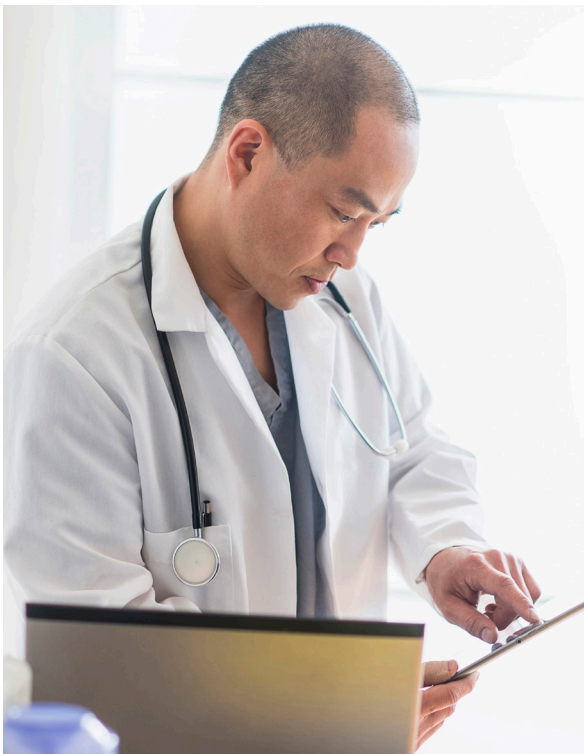
## CYBERSECURITY

Leidos provides program and system security, implementing and applying our information assurance (IA) processes to support the MHS systems and associated networks. We have extensive experience in developing the necessary documentation and updates to reflect current and evolving architectures, including:

- ▶ Operating systems
- ▶ Database management systems
- ▶ Web applications
- ▶ Remote monitoring
- ▶ Virtualization
- ▶ Application development

## CLOUD ADOPTION, DEVELOPMENT, AND OPERATIONS

Leidos' comprehensive cloud adoption framework, technical experts, and organizational change management specialists will assist the DHA in transitioning to an agile managed cloud services provider that will act as a public cloud service provider when providing cloud services to their consumers. Our approach to cloud migration services is to conduct a holistic examination of the applications, stakeholders, and drivers associated with the DHA applications and cloud adoption. This holistic examination includes the use of the Leidos developed Cloud Adoption Framework (CAF) that drives the evaluation of these multidimensional viewpoints to select, order, and group the applications for migration.



BY THE  
**NUMBERS**

**LARGEST**  
third party  
integrator of  
EHR in the US

**9<sup>TH</sup>**  
Largest Health IT  
company in the US

**NUMBER ONE**  
Provider of federal healthcare  
technology solutions

# Technical Core Competencies

## Cyber

- ▶ Defensive Cyber Operations (DCO)
- ▶ Cyber Hygiene/Information Assurance (IA)
- ▶ Insider Threat
- ▶ Platform Security
- ▶ Training
- ▶ Strategy & Policy
- ▶ Cyber Analytics
- ▶ Capability Development (includes OCO)

## Data Science & Engineering

- ▶ Data Engineering
- ▶ Data Visualization
- ▶ Predictive Analytics
- ▶ Data Mining & Analysis
- ▶ AI & Machine Learning
- ▶ Behavior Modeling

## Operations & Logistics

- ▶ Maintenance & Modification
- ▶ Repair & Overhaul
- ▶ Supply Chain Management
- ▶ Integrated Product Support
- ▶ Readiness & Fielding Support

## Enterprise IT Modernization

- ▶ Cloud Computing
- ▶ User Engagement
- ▶ Digital Workplace
- ▶ Mobility
- ▶ Application Modernization
- ▶ DevOps
- ▶ Data Center & Network Modernization

## Software Development

- ▶ Agile Methods
- ▶ Requirements Elicitation & Analysis
- ▶ Architecture & Design
- ▶ DevOps
- ▶ Software Testing
- ▶ Multi-team Coordination

## Systems Engineering & Integration

- ▶ Common Structured, Scalable Lifecycle Approach
- ▶ Shared System Description & Understanding
- ▶ Model-Based System Design & Analysis
- ▶ Open Architecture & System of Systems Approach
- ▶ Test, Verification & Validation Engineering
- ▶ Specialty Areas Engineering

# Health Core Solution Areas

## EHR Systems Integration

## Health Analytics

## Health Data Management

## HIE/Interoperability

## Health Information Security

## Federal Health Enterprise Architecture

## Behavioral Health Research and Outreach Support

## Revenue Cycle Management

## ABOUT LEIDOS

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 31,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$10.17 billion for the fiscal year ended December 29, 2017.



FOR MORE INFORMATION VISIT:

[leidos.com/health](https://leidos.com/health)

