

Medical Logistics IT

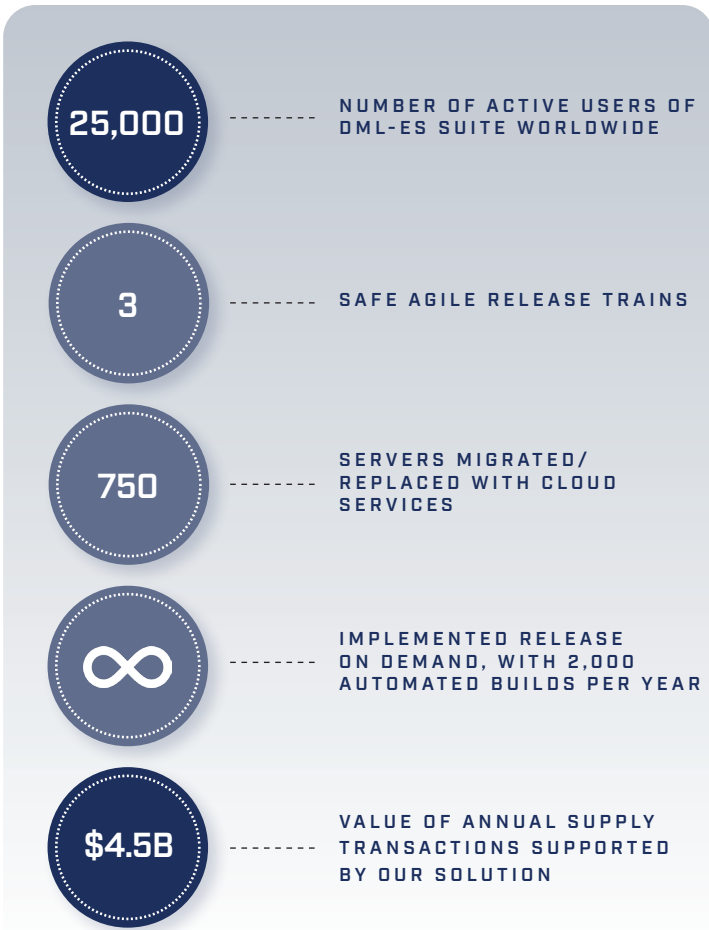
Overcoming the Challenges of Global Operations

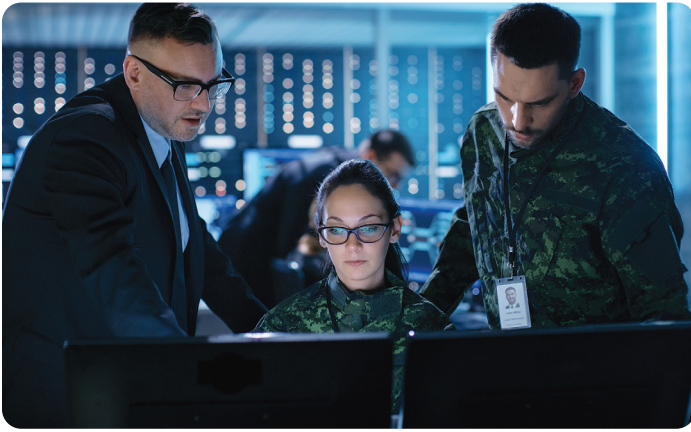
MANTECH supports the Military Health System medical logistics and acquisition application portfolio (known collectively as the Defense Medical Logistics - Enterprise Solution, or DML-ES) with support for development, modernization, sustainment, cybersecurity and operations.



The Joint Medical Logistics Functional Development Center and MEDLOG IT PMO have been tasked since 1993 to create automated information systems to enable the joint business processes of Department of Defense (DoD) medical logistics and with identifying and implementing business process improvements. MANTECH has supported this mission for the Defense Health Agency for more than a decade, recently expanding our role to include development and modernization.

Our solutions serve more than 25,000 users and process more than 940,000 daily supply requisitions with annual supply requisitions valued at \$4.5 billion. The suite of systems comprises 6 applications including transactional systems, data warehousing and reporting





and systems optimized for operation in Operational Medicine environments subject to Disconnected, Intermittent and Limited (DIL) network conditions. We develop and support integrations with the Electronic Health Record, MHS GENESIS and with DOD financial systems. We also support the Department of Veterans Affairs use of the system at a joint DOD/VA location.

We utilize Scaled Agile Framework (SAFe) and DevSecOps tools and techniques, including advanced automation through Continuous Integration/Continuous Delivery (CI/CD) pipelines and Infrastructure as Code (IaaS). For modernization, we follow a roadmap aligned to each Planning Increment (PI) and have developed and implemented a tailored process to ensure we accomplish all high priorities for the PI to keep the effort on track to our client's committed timelines. Our services follow International Standards (ISO) 12207

– Systems and Software Engineering – Software Life Cycle Processes and ISO 15288 Systems and Software Engineering – system Life Cycle Processes.

Our modernized solution includes web and mobile interfaces, backed by a microservices architecture, with enterprise messaging, scalable big data solutions and real-time and batch data processing and Extract, Transform, Load (ETL) capabilities. This effort includes migrating legacy data to the new solution to achieve a smooth transition.

We utilize cloud technology extensively and have migrated approximately 750 servers to Amazon Web Services (AWS) from costly data centers, saving significant expense. In total, we operate and sustain 230+ MEDLOG IT production sites across 17 time zones. We deliver 480+ planned production improvements and 1K+ production data changes annually. Our support exceeds client's goals, for instance surpassing performance parameters for up time by over 0.5%. We have built and utilize an extensive system monitoring capability to include predictive monitoring – allowing us to identify and resolve challenges before users are impacted.

We established and continue to maintain cybersecurity compliance and Authority to Operate (ATO), utilizing continuous diagnostics and mitigation to avoid system vulnerabilities among the total 1,000+ servers (physical and cloud) under our care.



In business more than 57 years, MANTECH excels in cognitive cyber, AI, data collection & analytics, enterprise IT, systems engineering and software application development solutions that support national and homeland security.

LEARN MORE - www.MANTECH.com

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