Mission Software Systems

MODERNIZING AND INTEGRATING LEGACY SYSTEMS

Legacy software solutions are often costly to maintain and cannot keep pace with evolving user needs, dynamically changing requirements, and complex environments. Many organizations need to modernize these legacy systems and integrate new technology all while adhering to strict timelines and budget. Our mission software systems are designed to manage complexity in environments that require security, precision, speed, and scale in equal measure. Our "SecDevOps" approach puts security first and foremost, and our data-centric design and analytics build secure systems that reduce lifecycle maintenance and development costs. This enables continuous testing of new technologies and accelerated delivery of innovative solutions. Our Mission Software Systems experience spans multiple market sectors, transforming operations in Defense, Healthcare, Aviation, and Intelligence.

Leidos Software Factories

The Leidos Software factories develop high-quality applications quickly and at low cost using industry-leading Agile and SecDevOps practices and tools. This approach is proven to reduce fielding cycles and modernize applications three times faster than using traditional methods. We have extensive experience modernizing legacy applications into scalable microservice architectures, delivered using proven continuous integration/continuous delivery pipelines, and deploy applications in customer-preferred environments (from on-premises to full cloud deployment).

leidos

Leidos Enterprise Application Framework (LEAF)

Building tailored or adapting off-the-shelf software can be cost prohibitive and come at the expense of ease of integration and adaptation as new technologies emerge. The Leidos Enterprise Application Framework (LEAF) provides a reusable and extensible framework that allows for rapid prototyping and delivery of new applications across markets.

careC2™

careC2 is a modern platform that drives integration and interoperability across the health systems, products, and settings. It enables rich integration, normalization, and management of data from disparate devices and formats. The platform provides an operational framework for clinical performance improvements to efficiently deliver the right services to the right patient at the right point in the health journey. It provides a configurable command and control view for collaboration with real-time information to execute the customers' desired outcomes.

One Semi-Automated Forces (OneSAF)

Mission execution and survival depend on having the right tools, training, and talent in the right place, at the right time. Providing the foundation and architecture for complex constructive simulation, OneSAF® is the U.S. Army's open-source, common constructive simulation platform for the Army, joint, and non-military communities to manage the entire simulation life cycle, from scenario development through after action review.

Data Science and Engineering

We combine our deep mission expertise with tailored analytic systems such as data and predictive analytics, data mining and analysis, artificial and machine learning, healthcare analytics, and data visualization and engineering—to turn that data into valuable knowledge and insights for our customers.

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 32,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately $10.19 billion for the fiscal year ended December 28, 2018.

Teams using LEAF
reduced software costs up to 50%

15% reduction
in the total cost of care for South Florida hospital system using careC2

NGI system processes an average of
300K transactions
per day with
99.6% fingerprint accuracy

FOR MORE INFORMATION

leidos.com/mission-systems | leidos.com/contact

leidos