Leidos Enterprise Application Framework (LEAF)

Cost-effective, custom solutions at near-COTS speed

CUSTOMER CHALLENGE

Our customers are under increasing pressure to deliver critical capability and functionality quickly and cost-effectively. Their legacy software solutions are often costly to maintain and can't keep pace with evolving user needs, dynamically changing requirements, and complex environments. Building a tailored software solution from scratch is schedule and cost prohibitive and adapting existing or off-the-shelf software can make it difficult to accommodate new technologies and emerging user needs.

OUR PROVEN SOLUTION

Leidos' software development model maximizes the use of extensible framework technologies to develop high-quality applications faster and cheaper than our competitors. We leverage the Leidos Enterprise Application Framework (LEAF) to rapidly build and modernize software solutions that meet each customer's unique and dynamic needs.

The framework provides reusable components for both front-end and back-end development, such as customizable UI components, data services, geospatial rendering, and workflow management and execution. Using these components allows developers to spend less time writing bespoke code and more time focusing on tailoring the solution to the customer.

PROGRAM SUCCESSES

2009 - AF C2 Mission Manager (C2MM) Operational (Initial DC2F Version)

2011 - DC2F Accepted for AWACS Block 4045

2012 - USSTRATCOM Rapid Prototype
- AOC 10.2 Air Request Application

2013 - USSTRATCOM NIDSIII Modernization

2014 - USSTRATCOM MPACS Modernization
- AOC Airspace Management Application
- USAF Wing/Unit Level C2

2016 - USAF AXIS
- CareC2 (Healthcare), ELP, Energy, RGC, others

2017 - AFATDS
- NATO ITB

WHY USE LEAF?

EXTENSIBILITY

LEAF can be used in numerous market areas and is adaptable to new technologies. LEAF:

- ▶ Can be used to build applications in any domain
- ▶ Can flexibly deploy (cloud or on-site) into existing customer environments

COST-EFFICIENCY

Teams using LEAF have reduced software costs up to 50% over competitors. LEAF:

- ▶ Has reusable components to allow developers a "head start" by minimizing new development and reducing total single lines of code (SLOC), further lowering operations & maintenance costs
- ▶ Has no required license or royalty fees
- ▶ Has a team that includes cross-functional staff with varying expertise (e.g. geospatial experts, UI experts, etc.) and experience levels (junior - senior engineers) that can be matrixed into and out of projects as required to optimize staffing and minimize costs

EXPERTISE & TAILORED SUPPORT

LEAF has a dedicated team with years of experience successfully using the framework to build high-quality solutions. The LEAF team:

- ▶ Uses proven and mature Agile development processes and tools
- ▶ Has matrixed personnel for optimized, scalable staffing
- ▶ Provides full product lifecycle support to accommodate feature requests, improvements, bug fixes, etc.
- ▶ Provides a rich set of SDKs, reference implementations, documentation, etc.
- ▶ Works in secure facilities and provides cleared personnel at competitive rates

ABOUT LEIDOS

Leidos is a global science and technology solutions leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 33,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported pro forma annual revenues of approximately $10 billion for the fiscal year ended January 1, 2016 after giving effect to the recently completed combination of Leidos with Lockheed Martin's Information Systems & Global Solutions business (IS&GS).

ENGAGE WITH LEAF

To learn more about LEAF or schedule a demonstration, contact a member of the LEAF leadership team:

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