ANALYTICS WITH FAST
Today, most enterprises use multiple COTS and open source products, each with their own singular purpose. Leidos’ FAST framework is an innovative approach to automatically discover and track all IP-addressable network devices—reducing manual, labor-intensive processes like asset inventory. This transformational approach facilitates a robust configuration management database (CMDB) that is continually validated and improved.

Leidos’ FAST framework provides:
1. Trustworthy asset and configuration data.
2. Complete and accurate CMDB serves as the foundation for automation throughout the customer enterprise.
3. Interconnection of existing customer systems and tools—with automated workflows that result in faster, more efficient service delivery to users.
4. Combines asset information with required actions, only pushing changes to the necessary devices through automated toolsets.

OUR APPROACH
Leidos’ FAST framework uses security-certified scripts that connect with these tools and pull data into a central NoSQL database. Normalizing the data, connecting to your ITSM tools, and identifying and resolving deficiencies within the existing CMDB allows our team to manually correct deficiencies, establish automated rules for data element precedence and clean-up ensuring the enterprise is accurately and completely represented. Our FAST automation engine then enhances workflows—like asset discovery, configuration management, security services, availability management, and capacity management—enabling you to more effectively manage your enterprise, improve security and resiliency, all while reducing costs. Leidos’ non-proprietary, open source-driven modular FAST framework automates workflows between your tools to standardize and streamline data collection and ensure integrity of asset, configuration, and event data across the enterprise.

An infinite number of valuable insights are hidden in our data, but our computing systems need to understand how to uncover them. FAST will address this challenge by introducing Artificial Intelligence (AI) and Machine Learning to understand the relationships between events, perform predictive analysis around those events and provide AI-guided remediation to operators and systems administrators. As FAST matures, the AI-guided remediation will become autonomous helping operational organizations manage the growing number of events without adding staff.
FEATURES AND BENEFITS

- **FAST is Foundational**: Enterprise IT data is historically siloed. FAST breaks down those barriers and delivers the value of a data-centric enterprise, improving data-driven decision making and automation.

- **FAST Improves Asset and Configuration Management**: Our FAST framework is interconnected to ITSM and inventory tracking systems to support effective change management. Our integrated portal solution enables multiple systems to work together with automation and orchestration to eliminate workflow constraints.

- **FAST Enhances Service Desk Support**: FAST is a process automation enabler that improves IT support and service delivery, provides an enhanced operational picture of the user, accelerates troubleshooting, improves first-time contact resolution, and reduces user impacts from IT incidents. When combined with our endpoint management and automated patching, we can automate install of user software for return to service, tech refreshes, and new enrollments.

- **FAST Enables High-Quality Data for Change**: Our flexible and efficient change management process brings collaboration and transparency, measures quality through SLAs, and reduces re-submits and re-work for change control boards. Integrated with the enterprise ITSM tools, our FAST framework provides high-quality data to substantiate change impacts for capacity, customer priority, and security.

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OUR CAPABILITIES

**FAST Mission Cycle**

- Availability Mgmt
- Information Assurance
- Change Management
- Enterprise License Mgmt
- Enhanced Security Response
- Event Management
- Capacity Management
- Asset & Config Management

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- Ingests asset and configuration data from existing tools and tools can be added or changed as needed.
- Data is normalized in a non-SQL database and discrepancies are identified, resolved manually, and automated as trends and patterns emerge.
- Validated and remediated data is fed back to the enterprise tools and CMDB.
- With full implementation, the CMDB is expected to be greater than 95% accurate.
- Mission cycle process stresses automation and focuses on continual service improvement (CSI).

**WHY PARTNER WITH LEIDOS?**

Connected to your existing IT service management (ITSM) tools and inventory tracking systems, Leidos’ FAST framework helps you derive more value from those tools and support effective change management. Our FAST-enabled automated asset tracking and license management empowers you to forecast investments for license renewals and replacements, track end-of-service, end-of-life, and end-of-use information (up to one year in advance), so you can actively recapitalize those products. Because the CMDB provides both asset and contextual information, FAST improves security reporting and investigation—allowing IT Security to automate required reports by querying the detailed and accurate CMDB.

**NEXT STEP**

To learn more about how Leidos’ FAST framework can help you automate workflows, streamline data collection, ensure the integrity of asset, configuration, and event data, and incorporate AI and machine learning to understand event relationships better and perform predictive analytics between events, contact us today!

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FOR MORE INFORMATION

infrastructure@leidos.com  |  leidos.com/enterprise-it-modernization