



ENTERPRISE COMMUNICATION AND CRITICAL INFRASTRUCTURE SUPPORT

- Enterprise Communications
- Resiliency Engineering, Planning, and Modeling
- Applied Cybersecurity Strategy, Engineering, and Assessment

Enterprise Communications Support



LST performs enterprise engineering, enterprise architecture, requirements definition and analysis, program and project system engineering, test integration, implementation, and in-service engineering. LST leverages our experience providing technical field support combined with our expertise supporting program management and acquisitions to enable critical communications programs. We partner with our customers to ensure

program success while supporting the political, management, and technical environments. LST offers strategic planning and implementation for programs as they move through the acquisition lifecycle, developing a time-phased approach for implementation, providing strategic communication to gain buy-in for program objectives, facilitating conferences and meetings, communicating changes to internal and external stakeholders, developing integrated schedules, and assessing budgetary impacts. Our knowledge of communications programs, the services they provide coupled with a keen understanding of the customer operating environment enable us to support detailed system planning, design, and implementation strategies.

We support our clients on high-visibility, NextGen-enabling communications infrastructure programs that include:

- VOIP and TDM-Based Switching Systems Providing Critical Communications
- Digital Voice Recorder Solutions
- Large Scale WAN and Security Solutions for Critical Infrastructure
- High Availability Command and Control System Support
- SOA-Based Enterprise Information Management
- Air-to-Ground VHF Communication and Critical Services
- Critical Satellite Services Infrastructure
- Mission Support and Administrative Telecommunication Services

LST Quick Facts

- 300+ personnel nationwide
- ISO 9001:2015 certified
- Professional and Technical Services:
 - » Air Traffic Management
 - » Business Services
 - » Operational Support Services
 - » Enterprise Communications & Critical Infrastructure
 - » System Engineering & Program Management

Representative Work Efforts

- FAA Enterprise Programs, Infrastructure, and Communications Services (EPICS)
- FAA ATC Voice Communications T&E
- FAA NVS Program Management
- FAA NVRP Acquisition and Engineering
- FAA FTI Implementation Planning and Field Engineering

Resiliency Planning and Assessment

LST provides resiliency engineering and program management support for the planning, design and implementation of industrial control systems used for critical infrastructure. Our assessments span the infrastructure, to include: sensors and automation systems, communications, enterprise controls and services, physical security and environmental controls, and cybersecurity. We tailor our domain knowledge to provide resiliency-specific support including:

- Governance and Policy Development;
- Investment Planning and Portfolio Management;
- Resiliency Modeling and Analysis;
- Risk, Threat, and Vulnerability Assessment; and
- Design Standards and Best Practices.

LST supports our clients by assessing and improving the resiliency of critical systems to withstand or recover quickly from mission-impacting events. We create the assessment models to provide an in-depth understanding of the current state of resiliency and how investments can improve the overall resiliency posture

Representative Work Efforts

- FAA NAS Resiliency Engineering Support

LST Enterprise Communications POCs

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Cybersecurity Services

LST supports the key cybersecurity challenges within the unique mission environment of our clients. We apply our knowledge to effectively establish cybersecurity strategy, governance and management control for mission-critical systems and enterprise infrastructure. Our range of cybersecurity experience includes:

- Cybersecurity Program Management and Strategic Planning;
- Enterprise Information Systems Security Management;
- Information Systems Continuous Monitoring (ISCM) Framework Application;
- Cybersecurity Workforce Development; and
- Threat Modeling and Integrated Risk Management.

LST supports FAA in establishing and institutionalizing strategy, policy, budget planning, governance, processes, procedures, tools, training, and reporting needed to effectively implement and manage cybersecurity programs. We integrate requirements development, security architecture, system lifecycle management, cyber policy analysis and threat modeling into cohesive cybersecurity operational approach. We work within the ISCM framework as we assess an enterprise security posture, system change impacts and appropriateness of remediation solutions.

Representative Work Efforts

- FAA NAS Integrated Security Management (NISM) Cybersecurity Services