



CYBERSECURITY SOLUTIONS

LST Quick Facts

400+

Personnel Nationwide

ISO 9001:2015

Certified

GSA Schedule

Contract #47QRAA22D004G

Cybersecurity

In today's world, cybersecurity needs to be an integral part of an agency's mission and business. Gone are the days when security was relegated to mere compliance checking. Hands-on technical skills in configuring firewalls or deploying security appliances is not enough. Cybersecurity has become a vital part of enterprise risk management. Working together, LST brings the strategic vision, program management structure, technical acumen, and business rigor to help strengthen the operations, continuity, and resilience of your organization. We are experienced with Information Technology (IT) and Operational Technology (OT) within critical infrastructure, mission support, and administrative business environments.

Standards, Policies, & Governance

As they form the backbone of your cybersecurity function, all standards, policies, and governance need to be clearly written, mission-specific, consistent with your business objectives, and aligned with your compliance requirements. Comprehensive governance solutions should also reinforce cyber hygiene, enhance security awareness, and incorporate practices that reduce or mitigate risk. LST has expertise in developing standards, creating effective policies, and integrating governance processes that harmonize with your other policies and regulatory requirements.

Frameworks, Processes, Tools, & Metrics

Organizations need the right frameworks, processes, tools, and metrics in order to execute their cybersecurity responsibilities in an effective and efficient manner. While there are many frameworks available, LST selects the ones appropriate to your environment and tailors them to your specific needs. We gather best practices and identify the appropriate tools that streamline and optimize your cybersecurity business processes. LST works with you to define the metrics that give you insight into your cybersecurity organizational performance.

LST Cybersecurity POCs

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Representative Work Efforts

- Federal Aviation Administration (FAA) National Airspace System (NAS) Cybersecurity Support UAS Concept Development
- FAA NextGen Modeling and Simulation
- Satellite Communication (SATCOM) International Standards Development
- FAA Future Flight Services System Engineering, Architecture, Requirements, and Reliability, Maintainability, and Availability (RMA)
- UAS System Specification and Safety Risk Management
- FAA Voice Switch Integration Test and Evaluation (T&E)



CYBERSECURITY SOLUTIONS

Security Architecture & Enterprise Solutions

Our approach to security architecture and enterprise solutions relies on collaboration with external and internal stakeholders to develop a common solution for shared risks. LST continuously researches new and emerging technologies to evaluate their utility in your environment. We help identify enterprise-level capabilities, adapting your architecture to integrate enterprise solutions within roadmaps that align with cybersecurity strategic planning. Our engineers assist in planning for new technology insertion, capabilities, and solutions identified on the roadmap by collaboratively developing project, program, and enterprise requirements for the solutions.

Risk Assessment & Operational Impact Analysis

Cyberattacks can halt operations, erode customer trust, and cause financial and economic disruptions. All of this can be disastrous in our fast-paced global economy. LST develops a deep understanding of your operational and business environment so that we can assess risk in the context of your specific needs. We conduct operational impact analyses with multiple dimensions including safety, mission assurance, business continuity, and privacy. We help develop prioritization strategies to mitigate operational impacts using both quantitative and qualitative risk assessments. Additionally, we provide domain expertise to assist with authorization, implementation, and remediation activities.

Planning, Monitoring, & Control

By establishing effective planning, monitoring, and control, your cybersecurity organization can become well run with consistent and predictable results. LST applies disciplined project and portfolio management to support your program activities throughout the investment, development, deployment, and operations phases. Our project management professionals provide budget planning and execution, schedule management, program control, stakeholder engagement, and strategic planning support to keep your cybersecurity program running strong into the future.

Disciplines and Expertise

- Zero Trust Strategy
- Zero Trust Integration & Implementation
- Enterprise Architecture
- Network Architecture
- Information Assurance
- Government Accountability Office (GAO) and Office of Inspector General (OIG) Audit
- Network Engineering
- Risk Assessment
- Impact Assessment
- Threat Modeling
- Identity and Access Management
- System Security Engineering
- Privacy Officer
- Information System Security Officer
- Critical Infrastructure
- Contingency Planning
- Incident Response
- Federal Information Security Modernization Act (FISMA) Compliance
- Data Classification
- Policy Mapping
- Privacy Threshold Analysis
- Cybersecurity Policy & Governance
- Mission Assurance
- Remediation Management
- Assessment & Authorization
- National Institute of Standards and Technologies (NIST) & Federal Information Publication Standard (FIPS) Standards
- Office of Management and Budget (OMB) Policy & Guidance
- System Analysis
- DevSecOps
- Cloud Adoption & Integration
- NIST Cybersecurity Framework (CSF) Maturity
- Strategic Planning
- Continuous Monitoring Planning
- Security Awareness
- Authority to Operate
- Risk Management Framework (RMF)
- Red Team/Blue Team
- Penetration Testing
- Cybersecurity Workforce Development
- Resilience & Continuity