

# MISSION CRITICAL TELECOMMUNICATIONS & NETWORK MODERNIZATION

LS Technologies designs, upgrades, and sustains large-scale telecommunications networks that support federal and enterprise operations. Our work focuses on modernizing legacy systems while maintaining continuity, security, and compliance.

## Core Capabilities

- Modernization and lifecycle support for voice, data, and video communications
- Transition from legacy systems to IP-based, cloud, and hybrid architectures
- Engineering and integration of resilient, high availability platforms
- Support for nationwide and distributed telecom environments

## Telecom Engineering, Deployment & O&M

We provide end-to-end telecom engineering from planning and design through deployment, testing, and long term operations.

- System design, installation, testing, and validation
- Network configuration, monitoring, and issue resolution
- Operations and maintenance for distributed networks
- Field and remote engineering support

## Network Engineering & Infrastructure Services

Our network engineers build and manage infrastructure that supports telecom operations, enterprise connectivity, and critical services.

- Routing, switching, and performance engineering
- Enterprise and operational network integration
- Software defined and virtualized network environments
- Scalable solutions aligned to mission requirements

## LST Quick Facts

**400+**

Telecom and Engineering professionals

**ISO 9001:2015**

Certified

**GSA Schedule**

**Contract #47QRAA22D004G**

## Key Facts

- Support for **5,000+ aviation and administrative sites**
- Coverage across **all 50 states and U.S. territories**
- Nationwide coverage across all U.S. states and territories



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## Secure Telecom & Information Assurance

Security is integrated into every stage of our telecom delivery.

- Network security architecture and hardening
- Information assurance for telecom and network systems
- Encrypted and secure remote access solutions
- Support for federal cybersecurity and risk management standards

## IT & Digital Modernization for Telecom Operations

We modernize systems that monitor and support telecom environments to improve reliability, transparency, and efficiency.

- IT modernization aligned with telecom operations
- Automated network monitoring and fault detection
- Integration with enterprise IT platforms
- Data-driven insights to improve performance and uptime

## Systems Engineering & Program Support

We apply structured systems engineering and program management to complex telecom initiatives.

- Requirements development and system integration
- Program and project management for modernization efforts
- Acquisition and investment analysis
- Independent assessments and lifecycle planning

## Mission Critical Communications Expertise

Our work supports operations that require strict availability, safety, and reliability.

- Telecom support for air traffic and safety critical operations
- High availability systems for national infrastructure
- Engineering aligned with operational and regulatory constraints
- Experience in complex federal operating environments