



We Help Leaders Succeed

## CYBERSECURITY SOLUTION BRIEF



At LSI, we provide a full range of Cybersecurity services to protect IT and data from cyber threats and mitigate the impact of, respond to and recover from incidents. Cybersecurity is no longer the domain of the server room but requires an understanding of and participation by IT, security, budgeting, acquisition, law, privacy and human resources.

From enterprise networks, to accounting platforms, one-of-a kind military networks and aircraft and network connected weapons systems and logistics supply chains, we provide holistic Test and Evaluation, Information Assurance and Operator Training. Our cybersecurity professionals have been trained by DoD and have honed their expertise emulating and battling adversaries like advanced, sophisticated nation-state cyber actors. We understand the aggressor.

### CYBERSECURITY TEST AND EVALUATION

**From acquisition initiation through the life cycle, LSI provides data-driven mission-impact-based analysis and assessment for Cybersecurity Test and Evaluation (CT&E).**

- **Understanding the Cybersecurity requirements** - Developing an initial approach and plan for conducting CT&E.
- **Characterizing the Attack Surface** - Identifying vulnerabilities and avenues of attack an adversary may use to exploit a system.
- **Cooperative Vulnerability Identification** - Identifying vulnerabilities and mitigations that inform cyber survivability and resilience improvements.
- **Adversarial CT&E** - Testing cybersecurity and resilience using realistic threat exploitation techniques to identify residual risk.
- **Cooperative Vulnerability and Penetration Assessment** - Characterizing cybersecurity and resilience status of a system in support of A&A.
- **Adversarial Assessment** - Characterizing operational mission effects caused by threat-representative cyber activity.
- **Prevent, Mitigate and Recover (PMR)** - Characterizing how survivable or resilient the system is in response to cyber-attacks and malicious activities.

### ENTERPRISE INFORMATION ASSURANCE

**Securing critical information and infrastructure with compliance monitoring and mitigation of risks**

- Regulatory Compliance monitoring strategy and process development (FedRAMP, FISMA, OMB Circular A-130 III, FIPS 199)
- Streamlining Assessment and authorization (A&A) for NIST RMF, DoD RMF, CNSS, USGCB/SCAP, ISO/IEC 27002, SOX
- Risk Assessments and System Security Plans (NIST SP 800-53, 26, 18)
- Software Security Assurance (SwA) Maturity Model
- Business Continuity and IT Contingency Plan (NIST SP 800-34)
- Security Control Assessments (SCA), Security Test/Evaluation (ST&E)
- Physical Security Assessments including Disaster Recovery & COOP
- Supply Chain Risk Management (SCRM) policy planning and implementation (NIST SP 800-161)

## CASE STUDY

### ARMY FUTURES COMMAND (AFC)

#### Customer's Challenge

In Today's IT environment, cyber threat is more adaptive, capable, and pervasive. Barriers to entry remain low and the capabilities of adversaries are improving. We are facing nation-state actors in cyber defense. The greatest threat we face are not tanks, snipers, or IDEs, it is the threat to our computer network operations.

#### LSI's Response

LSI Provides nationwide cybersecurity support services to the AFC by performing vulnerability/risk analysis of computer systems and applications during all phases of system development life cycle.

Given the diversity of the cyber threat to the Army IT systems, LSI performs Certification and Accreditation (C&A), Risk Vulnerability Assessment, Penetration Testing, IA and Cybersecurity Program Status Tracking and Reporting.



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## KEY BUSINESS AREAS

- **National Security** – supporting the Federal Government to protect the security of the nation; secure our borders; guard against attack; and prevent disclosure of sensitive or classified information.
- **Federal Law Enforcement** – supporting the Federal Government to prevent, detect and investigate threats to the law and the public order.

## DOING BUSINESS WITH LSI

**LSI** is a contract holder on Best-in-Class Government-Wide Acquisition Contracts (GWAC) which attests to the breadth and depth of our capabilities, performance, maturity of systems and processes, and performance.

- GSA IT Schedule 70, SIN 132-51
- GSA IT Professional Services (PSS)
- GSA VETS 2
- GSA 8(a) STARS II
- GSA PSS (LOGWORLD/MOBIS)

#### Agency Specific Prime Contract Vehicles

- **Army** ITES-3S
- **DOJ** ITSS-5
- **DHS** EAGLE II (HubZone)
- **Centers for Disease Control and Prevention** CPR BPA

#### Strategic Partner Network (SPN)

Active teaming focused on customer success



## CONTACT US

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