JSL
Engineered to Execute™

CYBERSECURITY SERVICES
Leading Systems to a Secure Future

Cybersecurity is a critical aspect of modern-day operations, especially for agencies who are entrusted with vast amounts of sensitive information. With the ever-growing threat of cyber-attacks, it is crucial that agencies take proactive measures to protect this information and ensure its confidentiality, integrity, and availability. A data breach can result in catastrophic consequences, including identity theft, financial loss, and loss of personal privacy. To prevent this, agencies must implement strong cybersecurity measures that include advanced technologies, robust policies and procedures, and regular security assessments. This ensures sensitive information entrusted to the agency is secure and protected from potential threats.

In the future, the threat landscape is expected to become more sophisticated and comprehensive. With the rise of technologies such as artificial intelligence/machine learning, the Internet of Things, and quantum computing, the threat of cyber-attacks will only continue to increase. **Agencies must stay ahead of these threats by investing in cutting-edge technologies and continuously enhancing their cybersecurity strategies.** By prioritizing cybersecurity, agencies can protect sensitive information. This is crucial in ensuring the stability and security of our nation's critical infrastructure.

JSL Cybersecurity Solutions

Jazz Solutions, Inc. (JSL) brings our philosophy of a comprehensive view of IT security and compliance and integrates security, assessment, audit, compliance, and other security activities and processes with the overall system development lifecycle. **We currently manage security and compliance for multiple Federal Student Aid (FSA) information systems operating under Federal IT security statutes and guidelines and requiring a Department of Education (ED) Authorization to Operate (ATO).** We leverage dedicated cybersecurity professionals to guide information system programs from development to the ATO assessment to Ongoing Security Authorization (OSA) assessments to system disposal.

JSL's security team brings more than 40+ years' combined experience in the security industry. They are experts in the standards of:
- IRS PUB 1075
- SCSEMs
- NIST-800-53 Rev. 5
- FedRAMP
- DISA STIGs

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Solution Offerings

Threat Detection and Response

The JSL cybersecurity team is able to identify threats, assess impacts, and provide real-world solutions to ensure customer systems remain secure.

Vulnerability Risk Management

JSL develops approaches to help customers process, analyze, evaluate, and remediate the most critical vulnerabilities to appropriately mitigate risk.

System Security

JSL's experts secure your systems from unauthorized access and hacking attempts, keeping your data safe from internal and external threats.

Compliance & Audit Support

JSL retains subject matter experts disciplined in audit preparedness and response including NIST, OIG, A-123, ISO 27000, IRS PUB 1075 and more. Our security professionals hold top security certifications, such as CISSP, CCSP, Certified Ethical Hacker, Certified Information Systems Auditor, and Certified Information Security Manager, to name a few.

JSL's Cybersecurity Approach

Cybersecurity is often thought of as a highly technical field only comprising former hackers, real-time operations, and thwarting attackers on the fly. **While cybersecurity is certainly technical in nature, JSL views cybersecurity holistically: from information system development to the implementation of practical and compliant policies and procedures that provide the security framework for the technical solutions.** JSL operates a cybersecurity community of practice that provides support to our own enterprise assets, as well as to our customer information systems.

JSL Customers & Citizens Served Today

JSL's Cybersecurity Expertise

The **Jazz Solutions (JSL)** security team brings security experience from the application down to the infrastructure level and all points along the technology stack. **JSL security personnel have hands on experience analyzing continuous diagnostics and mitigation (CDM) scans, driving vulnerability remediation, and interfacing with independent security assessment teams to ensure findings and vulnerabilities are mitigated and closed.** JSL's security team positions itself in various places along the development lifecycle to detect and address security issues _before_ and as they arise. For example, we bring experience conducting static and dynamic code analyses in support of application development.

Through the process of developing and managing complex IT systems, JSL has gained extensive knowledge of policies, standards, and processes that keep our customers in compliance with Federal IT security statutes (e.g., Federal Information Security Modernization Act of 2014) and guidelines (e.g., NIST 800 series special publications such as 800-53). Our cybersecurity personnel bring the necessary expertise on information security controls based on FISMA guidelines, thereby allowing us to architect, implement, and maintain secure information systems.

JSL Delivers - Customer Stories

Federal Student Aid (FSA) Rational Project

JSL authors and publishes key security program deliverables in support of systems' Authority to Operate (ATO). **Each quarter, the JSL Rational team develops and delivers more than 60 discreet evidence files to positively affirm compliance with assessment activities.**
JSL reviews, authors, or updates more than a dozen separate security documents annually including key items like Incident Response, Disaster Recovery, and System Security plans (SSP). JSL employs advanced software tools and reporting to aid in the processing and analysis of system vulnerabilities, allowing JSL to quickly identify actions, responsibilities, and remediation steps.

JSL's dedication to the customer mission ensures overall program security and improves FSA's security posture.
- **Consistent Cyber Scorecard of 2.75 or higher.**
- **Proactive Look-Ahead approach targets solutions to emerging vulnerabilities.**
- **Excellent management of cyber risks allows the security team to innovate on the customer's behalf.**

Federal Student Aid (FSA) Federal Taxpayer Information (FTI) Module Services

JSL is leading the development and integration of this major FSA business function ensuring the confidentiality, integrity, and availability of IRS tax data into existing core FSA systems. The team is combining a belt and suspenders approach to securing these systems incorporating the most secure settings defined in IRS PUB 1075, NIST 800-53 Rev. 5, FedRAMP, and incorporating STIGs and custom IRS developed controls into the solution. **Working with ISSOs and system owners, JSL is providing customer assurance that the system is secured to the latest available standards.**

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About JSL

Founded in 2013, **Jazz Solutions, Inc. (JSL)** is an economically-disadvantaged, woman-owned, SBA certified 8(a) small business serving federal, state, and local governments. Our headquarters is located in Ashburn, Virginia; JSL has other office locations in Virgina (Virginia Beach), D.C, and Maryland.

JSL designs and manages solutions customized to each customer's unique mission and business objectives. We understand there is a not a "one size fits all approach" to customer success. **Our project experience ranges from assigning a single, specialized subject matter expert to large-scale mission-critical system deployment affecting nearly a quarter of a billion citizens.** We successfully serve our customers by customizing solutions that blend industry best practices, emerging technology, high caliber professional talent, and more than a decade of gained experience. **Currently, we are leading 20 prime contracts and supporting large systems integrators on another dozen high-profile programs that are delivering meaningful results through technical and management advisory, system and application development and integration, identity and access management, and cloud services, to name a few.**

The result of our customer engagement includes award-winning products, 100 percent positive CPARS, and lasting partnerships built on trust and success.

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