Cybersecurity and Information Assurance

Industry-leading IT Security and Information Assurance Solutions for Government and Commercial Customers

Telos is a world-class provider of information assurance and cybersecurity solutions to the DOD, civilian federal agencies, the intelligence community, and commercial organizations. Our offerings include:

- Xacta IA Manager: risk management and continuous compliance
- Cybersecurity and information assurance consulting services
- Software assurance and managed cybersecurity services
- Information assurance training

Solutions for Risk Management and IT Security

Xacta® IA Manager
IT security risk management for the enterprise.

Xacta IA Manager combines industry-leading security compliance and continuous risk assessment functionalities to establish an enterprise-wide security risk management solution. Its components include:

Xacta Assessment Engine — Offers IT risk assessment, security authorization, and A&A automation in accordance with NIST 800-37, CNSS 1253, DoD RMF, ISO 27002, COBIT, HIPAA, PCI-DSS, and other methodologies and criteria. It offers the most comprehensive set of compliance and risk assessment functionality available in a single COTS package, containing more than 100 security policies, regulations and standards parsed into more than 5,000 individual security requirements and associated test procedures, all updated as required.

Organizations Benefitting from Telos Cybersecurity and IA Solutions

- US Air Force
- US Army
- US Marine Corps
- US Navy
- US Department of Energy
- US Department of Homeland Security
- US Department of State
- US Department of Treasury
- US Intelligence Community
- Financial Services and Healthcare Organizations
- Various Fortune 500 Companies

Xacta Continuum™ — Gives analysts an unprecedented understanding of their asset vulnerability landscape. Its Adaptive Mapping™ capability automatically detects and plots the points of intersection among assets and vulnerabilities, and maps them to the relevant security controls. You can use these results to create reports for analysis and to understand trending security issues in their environment. Xacta Detect and Xacta HostInfo work with Xacta Continuum to streamline the results-gathering process in support of continuous compliance monitoring.

Information Security and Assurance Consulting Services

With over twenty years' experience in the most demanding security-conscious organizations, Telos is recognized among the most qualified information security consulting practices. Over 150 security engineers and analysts, cleared up to TS-SCI, make up the Telos IA services team. Most are CISSP-certified, with subject matter experts who monitor news, events, and regulatory changes related to specific security areas and technologies.

Telos completes hundreds of assessment and authorizations (A&As) each year using a unique methodology that has gained acceptance by all risk management authorities supported, helping customers to fully comply with NIST SP 800-37, CNSS 1253, DoD RMF, and other guidelines for information security and assurance. Security assessment, security engineering, and cybersecurity operation services are available on both a fixed-price and a time-and-materials basis.
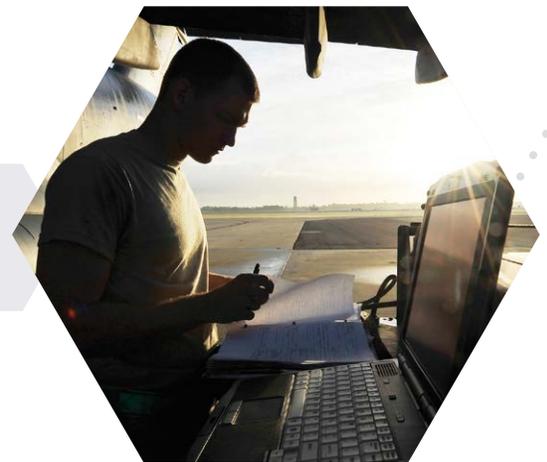
Security Assessments

- A&A and governance, risk, and compliance
- Vulnerability and risk assessment
- Application-level security services
- Penetration testing

Security Engineering

- Vulnerability identification and analysis
- Vulnerability remediation and mitigation
- Security architecture design and implementation

Cybersecurity Operation

- Incident response and reporting
- IASO/IAM support: policy and procedure development
- Security tool deployment and management

Among the customers employing Telos IA Services are:

- USAITA's Pentagon operations, where Telos designed the security infrastructure
- Army CECOM Software Engineering Center (SEC) with assessment and authorization (A&A) services
- USAF Application Software Assurance Center of Excellence (ASACoE), for which Telos developed the applications assessment processes and methods. ASACoE successfully conducted software assurance assessments on over 700 applications, discovering and mitigating numerous exploitable vulnerabilities.

- Navy SPAWAR Systems Center, which reduced the timeframe of the Navy Medical A&A effort from three years to two with nearly all enterprise sites receiving the required authority to operate (ATO).
- Fortune 500 companies in financial services and healthcare use Telos for penetration testing, vulnerability assessments, and compliance assessment services

Telos IA consultants have received numerous commendations from DoD, federal agencies and commercial customers for their outstanding performance.

Continuous Monitoring

Integrated services, best practices, and automation tools for continuous compliance monitoring.

Telos Corporation has advocated continuous security risk assessment and compliance monitoring for more than a decade. Today Telos cybersecurity professionals protect some of the world's largest networks and develop advanced capabilities of the Xacta IA Manager security risk management suite for today's continuous compliance monitoring requirements.
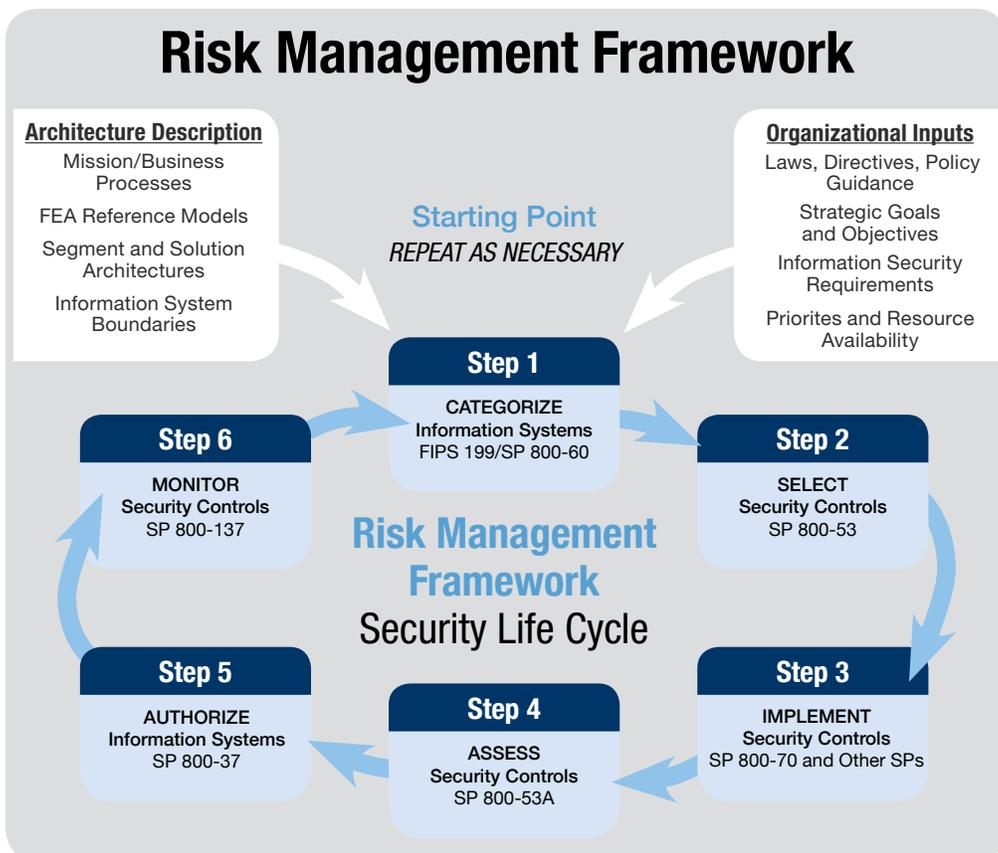
We tailor our services and solutions to our customers' specific requirements. Our offerings reflect relevant guidelines such as the NIST Risk Management Framework, the CAESARS model for continuous asset evaluation and risk scoring, the emerging FedRAMP requirements for cloud solutions, and others.

Software Assurance and Managed Cybersecurity Services

Software assurance to address application problems before they begin. A powerful complement to our cybersecurity services and solutions is our application software assurance (SwA) services. The most common vulnerabilities that allow unauthorized access to your systems are application design flaws, configuration errors, and software bugs that appear during development and implementation. Telos SwA personnel can provide the consulting services and solutions to help you avoid such problems in the systems you develop in-house or acquire from a commercial source.

Cybersecurity services for ongoing IT security. We provide cybersecurity services on both a consulting and a managed on-site basis. We offer security policy and operational procedure development, cybersecurity engineering and operations, incident management and response, and assessment and authorization (A&A) services to ensure the ongoing security posture of your IT environment.

Risk Management Framework

Architecture Description
Mission/Business Processes
FEA Reference Models
Segment and Solution Architectures
Information System Boundaries

Starting Point
REPEAT AS NECESSARY

Organizational Inputs
Laws, Directives, Policy Guidance
Strategic Goals and Objectives
Information Security Requirements
Priorites and Resource Availability

Step 1
CATEGORIZE
Information Systems
FIPS 199/SP 800-60

Step 2
SELECT
Security Controls
SP 800-53

Step 3
IMPLEMENT
Security Controls
SP 800-70 and Other SPs

Step 4
ASSESS
Security Controls
SP 800-53A

Step 5
AUTHORIZE
Information Systems
SP 800-37

Step 6
MONITOR
Security Controls
SP 800-137

Risk Management Framework
Security Life Cycle

The NIST Risk Management Framework (RMF) provides a structured approach to managing risk throughout a system's life cycle. Telos adheres to the RMF in all of its information assurance services and solutions. Source: NIST 800-53, Rev 4

Training for IT Risk Management and Compliance Assessment

Telos' experience and broad understanding of various A&A methodologies has given us a unique understanding of our customers' goals, processes, resources, and risks. This is the foundation of a program designed to fully address your IA process and Xacta solution training needs.

The Xacta IA Manager courses include hands-on instruction for users and administrators of Telos' risk management and continuous compliance solution. The IA process courses incorporate hands-on instruction and collaborative learning labs that cover topics such as security authorization fundamentals, system definition, authorization boundaries, threat identification, vulnerability and security controls, process overview, and the development of a security authorization package.

In addition to the classes regularly offered at Telos' headquarters in Ashburn, Virginia, training at customer locations, customized courses, and Web-based tutorials are available.

Telos information assurance solutions are available to federal government customers through the following contract vehicles:

- Telos GSA Schedule
- DoD Enterprise Software Initiative
- NETCENTS-2
- EAGLE II
- Various agency-level blanket purchase agreements
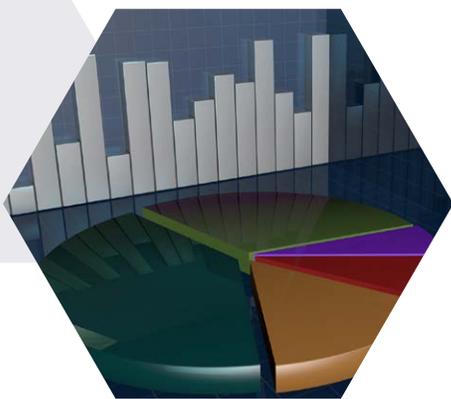
About Telos Corporation

Telos is a leading provider of advanced technology solutions that empower and protect some of the world's most security-conscious enterprises. Our customers include military, intelligence, and civilian agencies of the federal government, allied nations, and Fortune 500 companies with critical requirements for information security. We protect and defend the systems of our customers with services and solutions that ensure system availability, integrity, authentication, and confidentiality. Our security consultants protect some of the most critical networks in government and industry with full security assessment, security engineering, and cybersecurity management services.

Contact Us for More Information