CISCO

Cisco Security Advisory Services
Application Design and Assessment

Many organizations are taking advantage of the opportunities introduced by the Internet of Everything (IoE) to improve business agility. However, increased use of mobile and cloud applications may also introduce additional risk. This risk can be effectively managed through the adoption of comprehensive security practices throughout the software development lifecycle.

Increasing Use of Applications Expands Threat Exposure

Business applications continue to be a leading area of enterprise risk. The applications developed to improve efficiency and streamline collaboration may also leave businesses vulnerable to data loss. A proactive and comprehensive approach to developing and maintaining an application security program provides the ability to address increasingly aggressive attacks while managing compliance requirements.

Build Security In Earlier

Cisco® Security Advisory Services for Application Design and Assessment provide a comprehensive approach for understanding programmatic exposures, and focus on application security from the early design stages through production deployment. We analyze business challenges along with application development practices to pinpoint the organization's most critical area s of application vulnerability. We provide the tools and techniques to identify application security flaws and the expertise to provide tactical and strategic guidance to reduce the overall risk and improve the security posture of your business.

More About Our Application Security Services

- **Application Architecture Assessment:** Identifies critical architectural vulnerabilities early in your development lifecycle to reduce the impact and cost of insecure design decisions.
- **Mobile Application Assessment:** Using a combination of public, commercial, and proprietary tools, we evaluate the security of your mobile applications.
- **Application Assessment–Blackbox:** Provides a point-in-time security analysis of a target application, using real-world application attack vectors.

Benefits

- **End-to-End Security**
  Ensure application security across the entire development lifecycle

- **Reduced Development and Maintenance Costs**
  Build security more effectively into application design

- **Improved Quality**
  Improve the consistency and quality of code, whether developed internally or offshore

- **Improved Threat Protection**
  Gain the ability to understand and model current and emerging application threats, and to address weaknesses in legacy applications

- **Application Assessment–Combined:** Reviews the security posture of your application through both attack simulations and an in-depth review of application source code.

- **Software Development Lifecycle Assessment:** Analyzes the current security state of your application development program.

Cisco Advisory:
Seasoned Security Professionals

As strategic and technical advisors, Cisco Security Advisory Services help leading organizations and executive teams identify strategic opportunities in information security to protect performance, create competitive advantage, and capture long-term sustainable business value.

Backed by a superior combination of resources—vast research and threat intelligence, mature methodologies, and multidisciplinary experts across security, cloud, mobility, collaboration, and data center operations—our clients better manage risk and compliance, develop a strong security posture, control cost, and achieve strategic IT and business objectives.

Technology-Enabled Consulting with
Cisco Advisory

Accelerator Advisory Accelerator is our project management, workflow, and reporting platform for security assessments. It enables rapid execution of project tasks, integrates with many of our security assessment tools, and facilitates efficient report generation and consultant collaboration. Advisory Accelerator provides large scale efficiencies, allowing consultants more time on in depth analysis, as a collaborative extension of the consulting expertise that Cisco provides.

Key Features

- Expert collaboration, brainstorming and strategy discussions

- Crowd-sourced, quality controlled knowledge engine

- Faster ramp of inexperienced security professionals

- Assessment guidance, workflow and reporting

- Trend analysis to support ROI, budget planning and product selection

Next Steps

Visit www.cisco.com/go/securityservices to connect with our advisors and protect your business today.

Case Study: Global Retail Organization

Challenges

- Application development for strategic value

- Secure use of emerging technologies; mobile and cloud-based applications

- Increased volume and complexity of assessment data

Solution

- Blackbox and Combined Application Assessments

- Software Development Lifecycle Assessment

Outcomes

- Improved software development lifecycle maturity, processes, and security

- 40 percent decrease in remediation costs due to streamlined validation

- Significantly reduced risk through enhanced application security