

SOFTWARE SECURITY SERVICES

Leading Experts in Application Testing and Strategic Guidance

OVERVIEW

Software vulnerabilities continue to be the targets of choice for attackers. Given this fact, application security defects have become one of the top information security issues facing organizations today. To stay ahead of the risks associated with the application layer, you must manage and maintain the security of every application deployed.

Optiv can help protect your most critical enterprise applications from both internal and external threats. Our consultants can dramatically improve your organization's ability to assess the security of existing applications as well as design, develop, test and maintain the security of applications in all phases of their development lifecycle.

Software security can be obtained and maintained through a combination of activities, including testing of applications, architecture and design reviews, source code analysis, continual training of development and security personnel and implementation of security controls throughout the software development lifecycle (SDLC) processes.

Stay ahead of risks by identifying vulnerabilities that lead to compromise of sensitive data.

Software Security Services:

Our clients reduce costs associated with vulnerability remediation by addressing issues early in the development lifecycle. Optiv's methodologies and developer focused deliverables result in reduced remediation time for product teams. We accelerate SDLC effectiveness through training and leveraging best practices based on team experience with global organizations.

Benefits of working with us:

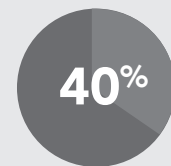
- High assurance testing provided by a world-class team of consultants
- Detailed findings with proof of concept and full reproduction data
- Deliverables designed to be easily consumed by development teams
- Fully validated findings with no false positives



It can cost 30 times more to fix security bugs later in the development process.*



75% of attacks happen due to an insecure application.*



Automated static analysis tools identify fewer than **40%** of the security bugs within an application, according to the NSA.*

Identify security issues before attackers can take advantage of them.

* Source: Infosec Institute, <http://resources.infosecinstitute.com/secure-code-review-practical-approach/>

* Source: Forrester Research, Development Testing: A New Era In Software Quality, November 2011.

* Source: National Security Agency (NSA), Center for Assured Software (CAS) Static Analysis Tool Study, December 2011. http://samate.nist.gov/docs/CAS_2011_SA_Tool_Method.pdf

1. Assessments

Goal

Locate flaws in code to improve security. At the end of an assessment, you will receive a deliverable with identified vulnerabilities and recommendations for next steps.

Overview

Organizations that proactively seek out software security defects and design flaws limit costs, save time and manage limited resources more effectively. Our experts can help you assess applications for known and unknown risks, errors and vulnerabilities.



SERVICES

- › Web Application Assessments
- › Mobile Application Assessments
- › API Assessments
- › Thick Client Assessments

BENEFITS

- › Save Time
- › Save Money
- › Improve Security

2. SDLC Program Review and Implementation

Goal

Improve, advance or create an SDLC tailored to your organization.

Overview

Optiv can create a program to meet your specific SDLC needs. Organizations that use this service can make dramatic improvements in overall code quality quickly and efficiently.



SERVICES

- › SDLC Review
- › SDLC Implementation

BENEFITS

- › Adopt Leading Practices
- › Advance Your Program Quickly

3. Architecture and Design

Goal

Conduct reviews at regular intervals to improve application security. Help ensure that applications are more secure from the start.

Overview

Large applications present complexity when identifying and designing potential security risks. Conducting a review of an application's design and architecture can help dramatically improve software security and reduce development complexity and costs. Threat Modeling can identify and address the top threats that have the greatest potential impact to your application.



SERVICES

- › Threat Modeling
- › Analyze Security Requirements and Risk Against Application Components

BENEFITS

- › Improve Security Throughout the Development Process
- › Early Intervention Reduces Costs
- › Focuses Effort on Most Important Vulnerabilities First

Bespoke Engagements

Optiv's security researchers and practitioners have years of software security experience. We routinely assist organizations with highly complex application security challenges.



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Optiv is the largest holistic pure-play cyber security solutions provider in North America. The company's diverse and talented employees are committed to helping businesses, governments and educational institutions plan, build and run successful security programs through the right combination of products, services and solutions related to security program strategy, enterprise risk and consulting, threat and vulnerability management, enterprise incident management, security architecture and implementation, training, identity and access management, and managed security. Created in 2015 as a result of the Accuvant and FishNet Security merger, Optiv is a Blackstone (NYSE: BX) portfolio company that has served more than 12,000 clients of various sizes across multiple industries, offers an extensive geographic footprint, and has premium partnerships with more than 300 of the leading security product manufacturers. For more information, please visit www.optiv.com.