



## Application Security

### Ensuring Security of Applications, Devices and Development Lifecycles

Software vulnerabilities continue to be a huge target for attackers. To counter this, you try to do regular testing and code reviews, but that often exceeds the capabilities or bandwidth of your security team. Even with the best scanning tools, organizations struggle to find and remediate the many software vulnerabilities across their application environments that are putting their organizations at increasing risk.

Optiv can help reduce this risk by securing your enterprise applications and development lifecycle. With specialists skilled in combining manual testing with automated scanning, code reviews, and program management, we can help you design and implement a formal, effective application security program. And with software vulnerabilities consistently ranked as the leading external attack method, having a formal program is essential.

## Market Problems, Optiv Solutions

- Application security policies do not exist or are not enforced. **Design a formal program that aligns fast and secure application development with business objectives.**
- Development is releasing more applications faster than ever and security cannot keep up. **Integrate and automate security testing throughout the software development lifecycle (SDLC).**
- Difficulty meeting audit and compliance requirements around application security. **Prioritize applications based on compliance requirements and business risk.**
- Development teams are frustrated with current scanning tools. **Optimize toolchains to align with development lifecycle needs.**

## Key Facts

- **50% of organizations say applications are attacked more frequently than the network** and 58% say application attacks are more severe.\*
- **44% of security decision makers** say AppSec is among the skills most needed in their organizations\*\*
- **74% of enterprises** say they have **little or no confidence that application developers in their organization practice secure design, development, and testing of applications.**\*
- On average, organizations have almost **1,200 applications in their environments** \*
- Fixing an error in production is up to **100 times more costly** than fixing one in the coding phase\*\*\*

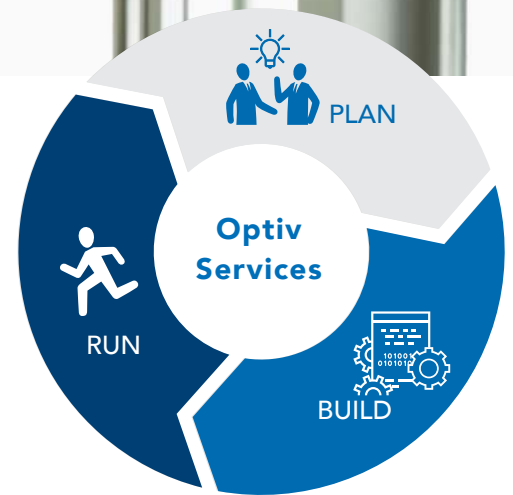
\*Ponemon Group, \*\*Forrester Research,

\*\*\*IBM System Sciences Institute



## Optiv Services

As part of Optiv's market-leading end-to-end cyber security solutions portfolio, we offer proven solutions to address your application security needs. With a suite of solutions designed to help **plan, build, and run** a formal application security program, Optiv is there to ensure your growing enterprise application environment remains secure against new and existing threats over time. Working closely with your application stakeholders, we can help your organization programmatically reduce the risks around your development environment and enterprise applications.



### PLAN

#### **SDLC Workshop -**

Our AppSec experts assess your application security practices and software development lifecycle (SDLC) frameworks to design a formal AppSec program that aligns with stakeholder requirements and business initiatives.

#### **Architecture and Design Review -**

We work with your team to assess the architecture of your key applications, including the development platform, design, workflows, data paths, and baseline configurations, to establish a secure baseline that can help create effective security policies.

#### **Threat Modeling -**

We assess an application from a potential attacker's perspective to identify, quantify, and address the entry points to the application and the associated threats with each one.

### BUILD

#### **Secure Code Review -**

Our experts examine an application's source code to verify that the proper security controls are present, that they work as intended, and that they have been invoked in all the right places.

#### **Testing Integration and**

**Automation -** With extensive experience in agile and DevOps development methodologies and toolchains, we work with your stakeholders to integrate automated testing throughout your SDLC workflows.

### RUN

#### **Application Assessments -**

Our experts conduct manual assessments of internally-developed and 3rd-party web, mobile, and cloud-native applications, as well as APIs, to provide assurance that your applications and connected IoT devices are secure and meet compliance requirements.

#### **AppSec Program Management -**

Optiv program managers work closely with your team to implement, oversee, and mature your AppSec program to keep your program on track and overcome the increasing security skills shortage.



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Optiv is a market-leading provider of end-to-end cyber security solutions. We help clients plan, build and run successful cyber security programs that achieve business objectives through our depth and breadth of cyber security offerings, extensive capabilities and proven expertise in cyber security strategy, managed security services, incident response, risk and compliance, security consulting, training and support, integration and architecture services, and security technology. Optiv maintains premium partnerships with more than 350 of the leading security technology manufacturers. For more information, visit [www.optiv.com](http://www.optiv.com) or follow us at [www.twitter.com/optiv](https://twitter.com/optiv), [www.facebook.com/optivinc](https://www.facebook.com/optivinc) and [www.linkedin.com/company/optiv-inc](https://www.linkedin.com/company/optiv-inc).

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