Threat Management: Application Security
Ensuring Secure Development Lifecycles

Software vulnerabilities continue to be a huge target for attackers. Even while utilizing regular testing, code reviews and the best scanning tools, organizations struggle to find and remediate these vulnerabilities that put their organizations at risk.

Optiv’s application security services can help protect your development environment. Our experts specialize in combining manual and automated testing to design and build an application security program that integrates across your development lifecycle. With security assessments for web, mobile, desktop and server applications, as well as connected devices and application programming interfaces (APIs), we’ve got you covered.

Optiv Solutions
We help you programmatically reduce the risks around your development environment with security assessments for an array of applications and connected devices. From secure software development life cycle (SDLC) design and threat modeling to technical assessments and security education and training, Optiv can help mature your application security program.

Assessments and Pen Testing
Our experts assess third party and internally developed applications and connected IoT devices to ensure they’re secure and meet compliance requirements.

- Web Application Assessment
- Mobile Application Assessment
- API Assessment
- Thick Client Assessment
- Web Application Smoke Testing
- Secure Code Review
- Database Security Review
- Web Application Pen Testing
- Cloud Application Security Assessment
- Microservices Assessment
- IOT Assessment
- Manufacturer and COTS Products

After the assessment, our team delivers a detailed findings report with identified vulnerabilities and clear steps for remediation.

*Source: Ponemon Group
Application Security Strategy

We assess your current application security development practices and frameworks to design a holistic and secure application development program. We identify gaps where people, process or technology can be deployed to mature your AppSec program and improve your enterprise applications security posture.

Secure SDLC Workshop – Full review of client’s current application security development practices and lifecycle processes.

Application Threat Modeling – Full analysis of the security of an application to identify potential threats, rank their risk and devise countermeasures to resolve them.

Technology Integration

We provide access to technologies that improve a project’s security posture and integrate into your development process, allowing for a smooth and secure transition of data.

Software Assurance as-a-Service (SAaaS)
Application Security Program that assists in the detection, analysis and response to application vulnerabilities and the integration of security and development workflows.

Tool Integration, Implementation, Automation and Tuning
Integrations and automations with bug trackers, Integrated Development Environment (IDEs), Continuous Integration/Continuous Deployment (CI/CD), as well as other pipeline processes. Beyond integrations, we can provide tuning and health checks on the tools.

Application Architecture/Design Review – Analysis of the current security controls in place, identifying security flaws in early stages to mitigate later changes to the development process.

DevOps Security – Provide expert insight into implementing security into the software development life cycle, utilization of security champions and shifting left on security.

How Do We Do It?

Our team of application security experts have extensive knowledge and experience in software architecture, application development, device firmware, Internet of Things (IoT) and program strategy.

Manual Testing to Ensure Application Security
- Determine Assets
- Understand Threat Agents
- Derive Position/Relevance
- Build Strategy
- Operationalize
- Monitor and Adapt

Secure your security.

Optiv is a security solutions integrator – a “one-stop” trusted partner with a singular focus on cybersecurity. Our end-to-end cybersecurity capabilities span risk management and transformation, cyber digital transformation, threat management, security operations, identity and data management, and integration and innovation, helping organizations realize stronger, simpler and more cost-efficient cybersecurity programs that support business requirements and outcomes. At Optiv, we are leading a completely new approach to cybersecurity that enables clients to innovate their consumption models, integrate infrastructure and technology to maximize value, achieve measurable outcomes, and realize complete solutions and business alignment. For more information about Optiv, please visit us at www.optiv.com.

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