



Brochure  
Security

# Build Application Security into the Entire SDLC

The Fortify suite of application  
security products embeds end-to-end protection

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# Are Your Applications Secure?

Turn on the news today, and you'll see how hacks and other cyber threats are wreaking havoc on businesses across the globe. What you might not know is that 84% of security breaches exploit vulnerabilities at the application layer.<sup>1</sup> And, while software security is becoming a higher priority, for many businesses it's still an afterthought for most—with 33% of applications never even tested for security vulnerabilities.<sup>2</sup> Almost 80% of applications contain at least one critical or high vulnerability.<sup>3</sup>

## Application Security in the New SDLC

While the statistics are staggering, application security awareness is increasing. But this also comes at a time when there is tremendous pressure on developers to build new, better applications—faster than ever before. As a result, development teams are turning to more agile processes and DevOps to further streamline workflows and reduce time-to-market. This is also forcing companies to consider a new approach to the software development lifecycle (SDLC)—a new SDLC that looks holistically at the software development process and integrates security testing from beginning to end.

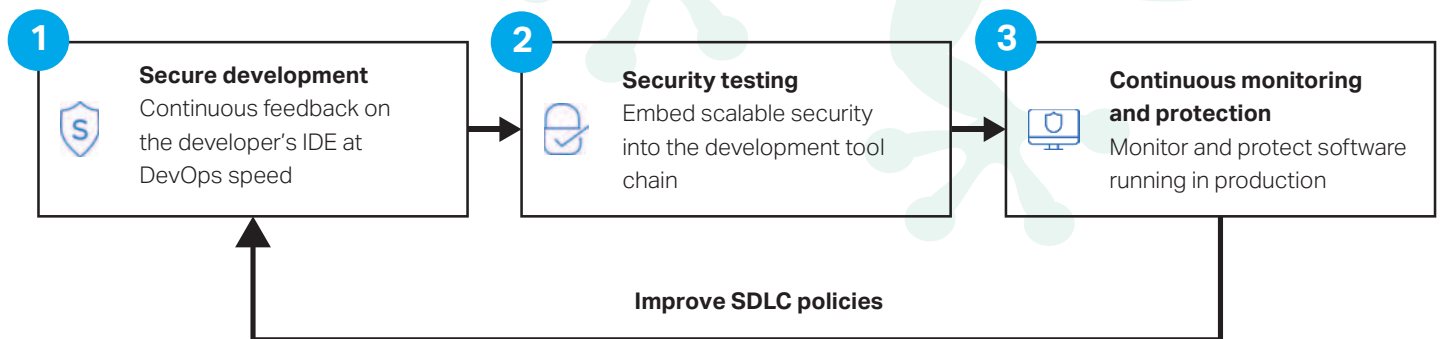
## Complete Software Security Testing and Management

Fortify—the undisputed leader in application security—provides reliable, comprehensive security through all stages of the new SDLC. It

delivers a flexible, comprehensive suite of application security technologies that target businesses wanting to integrate agile techniques with greater protection and control. Together, these technologies focus on three distinct areas of protection: secure development, security testing, and continuous monitoring and protection.

## Flexible Deployment

Fortify is the only application security provider to offer static application security testing (SAST), dynamic application security testing (DAST), interactive application security testing (IAST), and runtime application self-protection (RASP) on premise and on demand. Because Fortify Software Security Center and Fortify on Demand are fully compatible, you can choose the solution that's right for your business.



This is application security for the new SDLC

Figure 1. Improve SDLC policies

1 "Most Cyber Attacks Occur From This Common Vulnerability," by Tim Clark, *Forbes*, March 2015  
2 Study: *Mobile Application Developers Not Investing in Security* March 20, 2015  
3 2017 Application Security Research Update by the Micro Focus Software Security Research Team



- For organizations that want to control the running of their own scans and keep their data and scan results in-house, Fortify on-premise solutions allow you to customize the technologies to fit your organization's workflow requirements and enable greater control.
- Fortify on Demand offers application security as a service. This on-demand platform provides a quick and simple way for organizations to initiate static, dynamic, and mobile security testing without the upfront investment in time and security resources. Our global team of account managers, researchers, testers, and software engineers work as an extension of your in-house team, providing you with the support and technical expertise you need 24/7.

## Fortify Tools & Integrations

### Fortify Security Assistant, IDE plugins, integrations bring security closer to the developer

Fortify Security Assistant empowers developers to take responsibility for their own code by finding and fixing application security defects during the coding process—eliminating potential security vulnerabilities before the code is even compiled. This solution sits on the developer's IDE and allows them to run get immediate security feedback continuously as code is developed. Security Assistant provides instantaneous feedback, so developers can take quick, decisive action to fix vulnerabilities in real time. It highlights vulnerable code, like spellchecker and offers suggestions for correcting it. It also features intuitive integration with integrated development environments (IDEs), making security awareness and vulnerability remediation fluid and natural. Fortify IDE plugins enable developers to initiate scans, see identified issues with their code and collaborate with other teams for remediation. Integrations with source code repositories, build servers and orchestration tools enable security automation, speed and assurance. Fortify complements the agile development process by quickly identifying and correcting errors early in the cycle, organizations can save significant time, effort and money while lowering their risk.

#### KEY BENEFITS:

- Delivers instant security results with inline analysis of the source code as the developer types
- Gives developers who may know little about security, the technology to help them develop secure code
- Tracks findings and remediation for instant and continuous protection
- Provides deep and accurate analysis, leveraging industry-leading technologies

Learn more about Micro Focus Fortify Software Security Center & Tools ([Web](#))

Micro Focus Fortify Software Security Center & Tools ([PDF](#))

Micro Focus Fortify Audit Assistant ([PDF](#))

### Fortify Static Code Analyzer (SCA)—Build Better Code and Secure your Software

Fortify SCA is an automated static testing offering that builds security into the development process. Fortify SCA pinpoints the root cause of the vulnerability and prioritizes results, and provides best practices so developers can code more securely. It reviews code and helps developers identify and resolve issues with less effort and in less time.

#### KEY BENEFITS:

- Identify and remove exploitable vulnerabilities quickly with a repeatable process.
- Integrated into any environment through scripts, plugins and GUI tools so developers can get up and running quickly and easily.
- Use in mixed development and production environments with a wide variety of languages, platforms, and frameworks.

Learn more about Fortify SCA ([PDF](#))/Fortify SCA ([Web](#))

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**“Some of our most recent applications have found zero vulnerabilities using Fortify SCA. The development teams have been able to essentially eradicate issues before they build them in.”**

#### CLEMENT PICKERING

Head of Testing, Design and Methodology  
Callcredit Information Group

### WebInspect—Automated Dynamic Application Security Testing

WebInspect provides security professionals and novices with the power and knowledge to quickly identify, prioritize, and validate critical, high-risk security vulnerabilities in running applications. This automated solution mimics real-world hacking techniques to provide comprehensive detail about vulnerabilities detected, the implications if exploited, and best practices to quickly pinpoint and fix issues.

WebInspect Agent integrates dynamic testing and runtime analysis to identify more vulnerabilities by expanding coverage of the attack surface. This solution provides the broadest DAST coverage available, detecting vulnerabilities that often go undetected by black-box security testing technologies.



#### KEY BENEFITS:

- Comprehensive dashboard that tracks critical vulnerabilities, confirms remediation, and provides metrics, progress and trends
- Elevate security knowledge across the business with a powerful reporting system
- Simplify compliance of legal, regulatory, and architectural requirements with pre-configured policies and reports for all major compliance regulations

Learn more about WebInspect ([PDF](#))/WebInspect ([Web](#))

**“Through an SDLC using Fortify on Demand and WebInspect, we’ve not only addressed our immediate needs but also set Aaron’s on a path of secure code leadership in our industry.”**

#### BHAVIN PATEL

Senior Information Assurance Engineer  
Aaron’s

#### Fortify Application Defender—An Application Self-Protection Solution

Fortify Application Defender is a runtime application self-protection (RASP) solution that businesses use to manage and mitigate risk from homegrown and third-party applications. This solution provides centralized visibility into application use and abuse, enabling you to see threats in your applications and immediately protect against vulnerability exploits and other violations in production applications.

Fortify Application Defender can quickly instrument applications to capture application and user activity logs. It detects and stops attacks across dozens of vulnerability categories such as SQL injection (SQLi) and cross-site scripting. This runtime solution is available both on-premise and on demand. It helps organizations stop security threats that no one else can see by protecting production applications from the inside.

#### KEY BENEFITS:

- Instantly see software vulnerability exploits in production applications and continuously monitor use and abuse.
- Pinpoint vulnerabilities at the line of code and see the full query. Accurately distinguish between an actual attack and a legitimate request.
- Detect and protect known and unknown security vulnerabilities in real time without having to alter or recompile source.

Learn more about Fortify Application Defender ([PDF](#))/Fortify Application Defender ([Web](#))

#### Fortify Software Security Center—Visibility into an Entire Application Security Program

Fortify Software Security Center (SSC) is a centralized management repository that provides security managers and program administrators with visibility into their entire application security testing program. Fortify SSC provides an accurate picture of your software risk across your enterprise by helping, manage security testing activities, prioritize remediation efforts based on risk potential, measure improvements, and generate cross-portfolio management reports.

Fortify SSC is a platform for unifying static and dynamic test results. It triages and assigns issues, offers remediation guidance, and reports across the entire SDLC through a single interface.

#### KEY BENEFITS:

- Added accuracy, visibility into your entire application security testing program
- Lowers costs associated with development, remediation, and compliance
- Boosts productivity by automating application security procedures
- Accelerates time-to-market by ensuring fewer security-related delays

Learn more about Security Fortify SSC ([PDF](#))/Security Fortify SSC ([Web](#))

#### Fortify on Demand—Application Security as a Service

For organizations that don’t have the time, resources, and expertise to implement an in-house security program, Fortify on Demand provides a fast and easy way to get started with minimal upfront investment and the flexibility to scale with changing business needs. In addition to static and dynamic analysis, Fortify on Demand covers in-depth mobile app security testing, open-source analysis, vendor application security management, and continuous monitoring for applications in production. Test results are manually reviewed by application security experts.

#### KEY BENEFITS:

- Fast and accurate. Detailed scan results are delivered in 1–3 days.
- Easy to use. Manage your entire application security portfolio from one dashboard. View risks, address issues early, manage remediation efforts across teams and applications.
- Personalized support. Results are manually reviewed by application security experts. You are also assigned a dedicated technical account management team responsible for delivering overall satisfaction.

Learn more about Fortify on Demand SAST ([PDF](#)) and Fortify on Demand DAST ([PDF](#))/Fortify on Demand ([Web](#))



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**“We need to understand and mitigate the risk, make sure the products we deliver fit the purpose and are secure, and protect the sensitive data of our customers. Fortify on Demand is key to actually doing all of that.”**

**PAUL PHILLIPS**

Head of Software Assurance and Integration  
British Gas

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**Fortify Professional Services Help Ensure your Success**

Building a successful software assurance program can also help safeguard your applications and your business. Fortify offers a wide range of professional services to help organizations gain greater value from the Fortify suite. Hands-on training, personalized consulting, and customized implementation services are delivered by skilled application security consultants working with defined methodologies and best practices derived from thousands of application security deployments. Our services include:

- Software security assurance assessment and program design
- Fortify and WebInspect quick starts
- Fortify and WebInspect health checks
- Secure development process integration
- Static and dynamic auditing services

We also offer education and training, including:

- Security awareness and secure coding education programs
- Software security assurance eLearning courses
- Fortify product eLearning courses
- Customized training classes to your specific needs

**SECURITY FORTIFY PROFESSIONAL SERVICES BENEFITS**

- Access our experienced application security consultants
- Save development costs by building security early into the software development lifecycle
- Ensure the least amount of disruption to the development

team by building security into the new SDLC using our efficient methodologies

- Eliminate false positives and focus your time only on audited security defects
- Incorporate best practices and recommendations based on thousands of successful Fortify deployments
- Leverage consultants' direct lines to product and support teams to solve problems quickly

**Why Fortify is the Right Choice**

Fortify is the only solution that secures and protects code throughout the entire development lifecycle of any type of software—from development to testing, release to production and every iteration in between. Fortify static, dynamic, interactive, and runtime security testing technologies are available on demand or through several licensing models, offering organizations the flexibility needed to build an end-to-end software security assurance program.

**Learn More At**

**[www.microfocus.com/appsecurity](http://www.microfocus.com/appsecurity)**

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**“Fortify is one of the best solutions out there, but what Fortify brings to the table is even greater. They deliver unparalleled support across our organization. From pre-sale educational sessions to monthly developer luncheons, we gain insights that help us continuously improve.”**

**TONY SPURLIN**

Chief Information Security Officer  
Cox Automotive

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