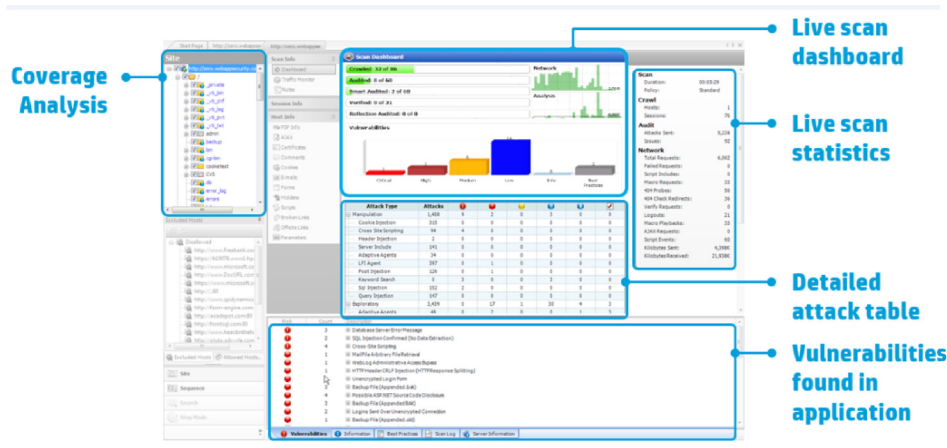


# HP WebInspect

Automated dynamic application security testing



HP WebInspect is the industry-leading Web application security assessment solution designed to thoroughly analyze today’s complex Web applications and Web services for security vulnerabilities. With broad technology cover and application runtime visibility through the HP WebInspect Agent, HP WebInspect provides the broadest dynamic application security testing coverage and detects new types of vulnerabilities that often go undetected by black-box security testing technologies.



## Innovation

### HP WebInspect Agent

WebInspect Agent crawls more of an application to expand the coverage of the attack surface and detect new types of vulnerabilities that can go undetected by black-box security testing technologies.

### Guided scan

Directs tester through steps for configuring a scan tailored for each application.

**64 bit:** Architected to take full advantage of 64-bit computing, WebInspect has the power to tackle today’s large, data driven sites.

**Web service:** Advanced algorithms to detect Web services and capture URL rewriting business logic. WebInspect then attacks all relevant URL parameters and determines the presence of security vulnerabilities.

## Faster scans, better results

HP WebInspect doesn’t just discover security vulnerabilities that someone else needs to fix, it interactively communicates the security knowledge needed to reproduce and fix discovered issues. Through cooperation with other HP Fortify solutions and integrations with HP Quality Center and HP Application Lifecycle Management (ALM), HP WebInspect’s first-class knowledge base provides comprehensive details about the vulnerability detected, the implications of that vulnerability if it were to be exploited, as well as best practices and coding examples necessary to quickly pinpoint and fix the issue, all published in the developer’s defect management solution.

## Reduce risk through dynamic scanning early and often

The earlier in the development process that security vulnerabilities are discovered, the less expensive they are to fix. HP WebInspect gives security professionals and security novices alike the power and knowledge to quickly identify and validate critical, high-risk security vulnerabilities in applications running in development, QA, or production.

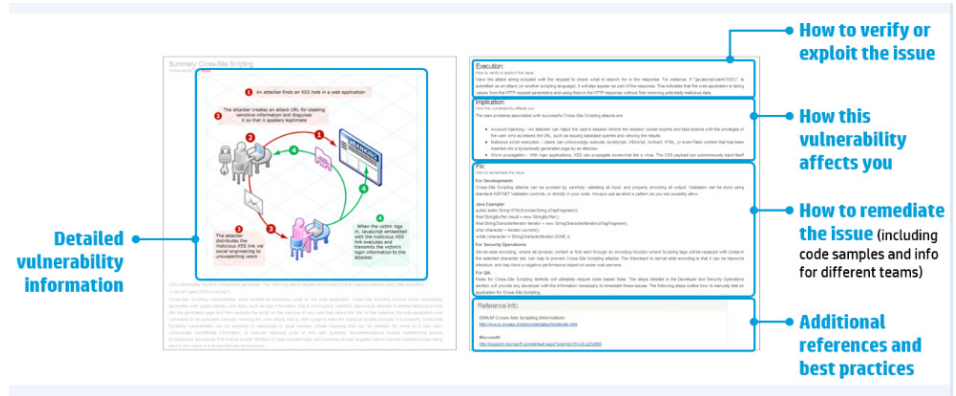
**HP Software Security Research** informed by the expertise and threat intelligence from largest, global software security research group.

**Flexible delivery.** Build a dynamic security testing program with your in-house testers or leverage the dynamic testing expertise of the Fortify on Demand testing team through a managed service—or set up a hybrid model to manage fluctuating demands.

## Continuous monitoring

HP WebInspect Enterprise enables security organizations to monitor their applications on a regular basis for changes in the security posture or risk profile. Application releases often bypass security and unwittingly expose your company to additional risk. Application changes can go undetected for months. With WebInspect Enterprise, each site can be scanned on a recurring basis with results sent to the centralized vulnerability management in HP Fortify Software Security Center.

**Figure 1.** Comprehensive details to pinpoint and fix the issue



## Key benefits

### Accelerate security through more actionable information

Vulnerability details include contextualized highlighting of the attack string in the request and the vulnerable response from the application. Report data also includes implication, explanation, remediation advice, and additional reading.

### Elevate security knowledge across the business

HP WebInspect has the most powerful reporting system available with a closed feedback loop from security testing through development to improve the overall security effectiveness and intelligence across the business.

### Simplify compliance of legal, regulatory, and architectural requirements

HP WebInspect includes pre-configured policies for every relevant regulation, and best practices including the Payment Card Industry Data Security Standard (PCI DSS), OWASP Top 10, ISO 17799, ISO 27001, Health Insurance Portability and Accountability Act (HIPAA), and more. Customizing existing or creating new policies is supported through the compliance manager tool.

### Leverage automation to do more with less

HP WebInspect improves the effectiveness of your DAST efforts while lowering the cost of security vulnerability assessment and remediation. Advanced technologies like simultaneous crawl and audit and concurrent scanning makes powerful scanning technology accessible to even novice security testers.

### Start quickly. Scale when necessary.

WebInspect dynamic application security testing is available as a licensed product and as a managed service through Fortify on Demand for maximum flexibility in building and scaling a dynamic security testing program.

### Manage an enterprise-wide application security program

WebInspect Enterprise establishes a shared security service to centralize and correlate results while distributing security intelligence (or testing capabilities) across an organization. WebInspect Enterprise also integrates with HP Fortify Software Security Center for centralized management of a complete Software Security Assurance (SSA) program.

## Key features

### HP WebInspect Agent—Context from the inside

- Integrated dynamic code and runtime analysis to find more vulnerabilities and fix them faster
- Observe application reaction to attacks at the code level during dynamic scans
- Identify and crawl more of an application to expand the coverage of the attack surface
- Provide stack traces and SQL queries to confirmed vulnerabilities

### Sophisticated technology made simple

- Advanced technologies like simultaneous crawl / audit and concurrent scanning makes powerful scanning technology accessible to even novice security testers.
- Support for the latest Web technologies including HTML5, JSON, AJAX, JavaScript, and more
- Able to test mobile-optimized websites as well as native mobile Web service calls
- Advanced macro recording technology and flexible authentication handling for improved session management in complex applications
- Web service security designer tool for configuring Web service security tests
- Innovative application architecture profiler assists in tuning the scan configuration and recommends changes to improve scan coverage and accuracy

Guided scan walks the user through creation of a scan. The wizard allows novices and experts alike to enhance testing results by delivery the information that WebInspect needs to pinpoint application vulnerabilities. Guided Scan optimized a scan without requiring the tester to know details about the application under test.

### Actionable remediation and compliance reports

- Run management reports on vulnerability trending, compliance management and RO. Communication with development on details and priorities of each vulnerability.
- Run compliance reports for all major industry and regulatory standards, including PCI, SOX, ISO, and HIPAA.
- Create flexible, extensible, and scalable reports that match your business.
- Contextually highlighted HTTP request and response immediately draw attention to the attack and the vulnerable response
- Easily retest the entire site, just the vulnerabilities or only a single vulnerability
- Scan comparison allows for the delta analysis comparison of vulnerabilities across two scans

### Integrations for customized workflow

- Integrate into your defect management processes with out-of-the-box integrations for HP Application Lifecycle Management (ALM) ALM and Quality Center and data export via XML for open integration with other security management systems.
- Centralize your security intelligence using WebInspect Enterprise
- Extensive data export via XML for open integration with other security management systems
- Automate regular security tasks using the HP WebInspect API

### **About HP Fortify**

HP Fortify/HP WebInspect is a DAST that identifies and prioritizes security vulnerabilities in software so that issues are fixed and removed quickly before they can be exploited for cybercrime.

HP Fortify combines the most comprehensive static and dynamic testing technologies with security research from HP's global research team and can be deployed in-house or as a managed service to build a scalable, nimble SSA program that meets the evolving needs of today's IT organizations.

### **About HP Enterprise Security Products**

HP is a leading provider of enterprise security intelligence solutions designed to mitigate risk and defend against today's most advanced threats. Based on market-leading products from HP ArcSight, Atalla, Fortify, and HP TippingPoint, HP Enterprise Security solutions enable organizations to take a proactive approach to security, disrupting the lifecycle of an attack through prevention and real-time threat detection.

A globally recognized vulnerability research and security intelligence organization complements this portfolio of information, application and network-level defense solutions. HP Security Research provides strategic insight and guidance to HP Enterprise Security Products to deliver actionable security solutions and insight into the most critical threats facing organizations today.

**Learn more at**  
[hp.com/go/webinspect](http://hp.com/go/webinspect)

**Sign up for updates**  
[hp.com/go/getupdated](http://hp.com/go/getupdated)



Share with colleagues



Rate this document

