

Application security

HPE Security Fortify on Demand

Fortify on Demand capabilities



Initiate/schedule test

Using the on Demand portal, customer schedules and controls the type of tests and when they are executed



Test and validate

- Fortify on Demand conducts, thorough static, dynamic, and/or mobile tests of the application
- Test results are validated and vulnerabilities are prioritized by the Fortify on Demand testing team



Results

Customer manages test results and detailed reports through Fortify on Demand dashboard

Fortify on Demand is an application security testing and program management SaaS solution that enables customers to easily create, supplement and expand a Software Security Assurance program through a managed service dedicated to delivery and customer support. This automated, on-demand service helps organizations with two key challenges:

1. Quickly assess the security of any software application—whether developed in-house or through a third party
2. Building an effective software security assurance program with minimal upfront investment

Fortify on Demand can conduct a static, dynamic, and/or mobile test, verify all results, and present correlated findings in a detailed web-based interface and report. Users schedule and control their application tests from their dedicated portal.

Fortify on Demand can scale to meet the needs of organizations of any size.

Quantifiable business benefits



Fortify on Demand (MSSP) benefits

- Reduction in solution management and support costs
- Avoidance of hardware and infrastructure capital expenditures
- Reduction in deployment time (faster time to value)
- Reduction in project risk



HPE Fortify solution benefits

- Lower application re-work costs
- Lower application security assessment costs
- Faster application development and time-to-value
- Fewer application security incidents resulting in loss of end-user productivity
- Improved security audit process efficiency
- Fewer application vulnerabilities resulting in regulatory penalties
- Reduced risk of application vulnerabilities discovered after release
- Reduced time and effort associated with manual code review

- Reduced time and effort associated with assessment report preparation
- Faster resolution of security incidents
- Reduced time and effort with application QA testing

Anticipated improvements¹

46%  Time to develop, test, and deploy new applications

- Reduction in vulnerabilities found during application testing: **50%**
- Reduction in application security assessment cost **77%**
- Reduction in application security incidents resulting in productivity loss: **59%**
- Reduction in the time and effort associated with security audits: **67%**
- Reduction in risk of a vulnerability leading to regulatory penalties: **56%**
- Reduction in effort associated with manual code assessment: **95%**
- Reduction in security assessment report preparation time: **48%**

72%  Reduction in post-deployment security vulnerabilities

¹ Business Value Model Update and Benchmark KPI Methodology, IDC, H2 2013

Solution brief

Example business case

A U.S.-based **consumer packaged goods organization** with annual revenues of **\$100 million USD** chose HPE Security Fortify on Demand for their application security assessment needs. Reducing app security test time was critical as they had previously dedicated **3.0 full-time equivalents (FTEs)** to this effort. In addition, they sought to avoid post-release application re-work time, which was costing them **1,000 remediation man-hours**. And finally, they estimated their risk of a costly compliance penalty at **10 percent**, citing that a peer organization had recently been fined a total of **\$1.5 million USD** because of a security breach.

In this example, the fully burdened salary of a security engineer (FTE) is estimated at **\$115,000 USD per year**. The following examples use anticipated improvement values from page 1.

Reduction in app security assessment effort			
FTEs	Salary	Improvement	Savings
3.0	\$ 115,000 USD	75%	\$ 258,750 USD

Reduction in post-deployment re-work effort			
Hours	Salary	Improvement	Savings
1000	\$ 115,000 USD	62%	\$ 24,280 USD

Reduction in risk of regulatory penalties			
Risk	Penalty	Improvement	Savings
10%	\$ 1,500,000 USD	50%	\$ 75,000 USD*

*Note: Only 10 percent of indirect benefits are claimed for the calculations below per Hewlett Packard Enterprise's conservative analysis methodology.

Using **only three of the business benefits from page 1**, the cumulative benefits in the first year total **\$358,000 USD**.

Assuming an annual subscription cost of **\$250,000 USD**, the justification for investment in Fortify on Demand is clear:

- 43 percent return on investment (ROI)
- 8.5-month payback period

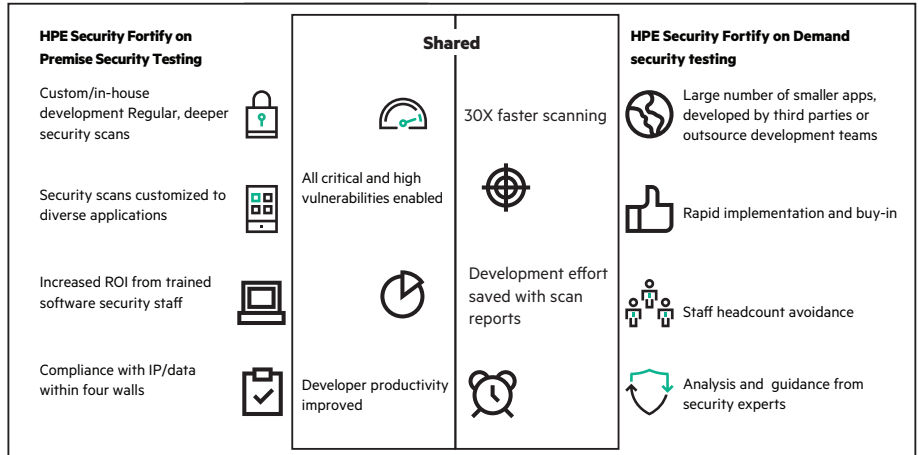


Figure 1: Comparing HPE Security Fortify’s on premise solution with on demand

Customer proof point

“I feel very comfortable that Fortify on Demand can help us counter this growing threat effectively, and with no hardware or software to deploy or maintain, quite affordably.”

– Roberto Baratta, CISO, Novagalicia Banco

[Read more](#)

A business case for your organization

Hewlett Packard Enterprise offers financial modeling capabilities for your geographical area, industry vertical, and organizational size. Contact your Hewlett Packard Enterprise sales representative or write to us at esp-value-management@hpe.com to see what Fortify on Demand can do for you.

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