

# Fortify Software Security Center

Manage, measure, and integrate security across the entire software lifecycle.

Micro Focus® Fortify Software Security Center is an application security testing solution that identifies and prioritizes security vulnerabilities in software so that issues are fixed and removed quickly—before they can be exploited by attackers. This solution combines the most comprehensive static and dynamic testing technologies with security research from the Micro Focus Software Security Research team and can be deployed on premises or as a managed service.

- **Detect:** Identify application vulnerabilities early in the SDLC, when they are the least costly to fix.

**87%** Less testing phase vulnerabilities<sup>1</sup>

- **Fix:** Remediate vulnerabilities early and feed the information back to developers to prevent future problems.
- **Prioritize:** Focus on the vulnerabilities that pose the highest risk to your organization and your customers.

Quantifiable benefits include:

- Reduced time and effort associated with manual code review, application QA testing, and assessment report preparation.

- Fewer application security incidents and faster resolution.
- Lower application security assessment and remediation costs. Typical enterprise application security assessment is labor intensive, resulting in high operational costs.

**77%** Security assessment cost reduction<sup>1</sup>

- Faster application development and time-to-value.
- Reduced risk of application vulnerabilities discovered after release. The cost of resolving security vulnerabilities post-application deployment is substantial.

**72%** Less post-deployment vulnerabilities<sup>1</sup>

- Improved security audit process efficiency
- Fewer application vulnerabilities resulting in regulatory penalties. Security-related incidents could potentially lead to regulatory penalties and legal costs.

**56%** Reduced risk of penalties<sup>1</sup>

## Example Business Case

A US-based retail organization with annual revenues of \$1 billion USD chose Fortify Software Security Center for their application security assurance needs. They had been experiencing a high number (on average >20) of costly vulnerabilities after application release. In addition, they needed to reduce the application

**“Fortify solutions help us develop very secure applications that give our customers a positive experience with our products.”<sup>2</sup>**

**TONY SPURLIN**

Chief Information Security Officer  
Cox Automotive

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<sup>1</sup> Improvements are based on IDC Studies, Micro Focus Product Management/Marketing guidance, and Micro Focus customer experience.  
<sup>2</sup> Cox Automotive Customer Success Story

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security testing time to which they had previously dedicated 5.5 full-time equivalents (FTEs). And finally, they estimated their risk of a costly compliance penalty at 10 percent and had recently been fined a total of \$3.5 million USD because of a security breach.

The following example calculation includes only three of the benefits and anticipated improvement values described above, yet a substantial return on investment (ROI) is easily demonstrated.

#### Reduction in Post-Deployment Vulnerabilities

Defects per Year	Cost per Defect	Improvement	Savings
21	\$12,000 USD	72%	\$168,000 USD

#### Reduction in Post-Deployment Vulnerabilities

FTEs	Salary	Improvement	Savings
4.5	\$125,000 USD	78%	\$438,750 USD

#### Reduction in Post-Deployment Vulnerabilities

Defects per Year	Cost per Defect	Improvement	Savings
10%	\$3.5M USD*	56%	\$196,000 USD

\* Note: Only 10 percent of indirect benefits are claimed per Micro Focus's conservative methodology.

Cumulative first-year savings from the three benefits selected total \$802,750 USD. Assuming an initial investment of \$750,000 USD with support costs commencing from year two onward, the justification for an investment in Fortify Software Security Center is clear:

- 132% ROI
- \$1,077,420 USD net present value (NPV)
- 83% internal rate of return (IRR)
- 12-month payback period