

Highlights

- **Automated & On-Demand** – Application security testing on an as-needed basis
- **Security-as-a-Service (SaaS)** – No hardware or software to purchase, install, maintain and train for the enterprise or outsourcer
- **Lower Costs** – A single subscription replaces hundreds of thousands of dollars which enterprises spend on manual testing of a single outsourced application
- **Rapid Time to Value** – Receive reports and results within 24-72 hours
- **Independent Verification & Validation** – Veracode is a recognized independent application security expert
- **Backdoor Detection** – Veracode's patented binary analysis technology protects you from malicious code injected in your outsourced applications

Key Facts

- **State of Software** – Over 7,000 software vulnerabilities disclosed in 2007 alone (an all-time high)
- **Short Supply of Expertise** – Outsourcing providers struggle with applications security due to high turnover and availability of skills
- **Application Portfolio Risk** – The high costs and time requirements for manual penetration testing forces enterprises to only evaluate a small percentage of their overall outsourced application portfolio

Gartner

“Application Security Testing Should Be Mandatory for Outsourced Development and Maintenance”

“Enterprises should also consider long-term arrangements with service providers that will be conducting deployed applications' dynamic security testing on a continuous basis (because hackers will be inventing new types of attacks against deployed applications)”

Joseph Feiman
VP & Gartner Fellow

Veracode Outsourcing SecurityReview®

With over \$50 billion in custom code being developed in locations such as India, China, and Eastern Europe many businesses have rushed to take advantage of cost savings and flexibility to gain a competitive advantage. Unfortunately, due to training and developer turnover, secure coding and application security testing are often overlooked. This pushes both costs and liabilities onto the enterprise resulting in an unacceptable level of unbounded risk. Veracode's on-demand Outsourcing SecurityReview provides a simple and cost-effective way for enterprises to gain insight into the security and risk found in their outsourced applications.

Today's application has become the enterprise's "new perimeter". With better network-level security technology hardening the network perimeter, malicious attackers are now focusing their efforts to strike at the least defended points – the application. In fact, analyst firm Gartner has reported that 75% of new attacks are targeted directly at the application layer while software vulnerabilities have reached an all time high with over 7,000 new software vulnerabilities disclosed over the past year according to the National Vulnerability Database. To meet this new threat, organizations outsourcing application development need to have visibility into the security of their applications before the risk enters their front door.

Independent Verification and Validation of Outsource Development

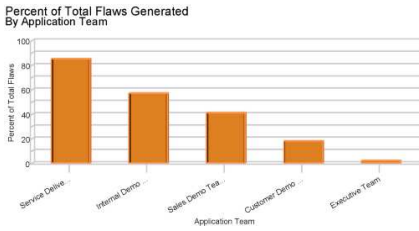
As an expert in application security, Veracode is uniquely suited to provide independent verification and validation (IV&V) of outsourced applications without the need for source code or costly on-site consultants. Veracode's Ratings System produces a software security rating based on respected industry standards including MITRE's Common Weakness Enumeration (CWE) for classification of software weaknesses and FIRST's Common Vulnerability Scoring System (CVSS) for severity and ease of exploitability and NIST's application assurance levels. These universally accepted vulnerability scoring methods provide a clear audit trail enabling enterprises to meet both internal and external security and compliance requirements and reduce their exposure to risk.

Automate Your Manual Security Testing to Lower Costs

Until recently, the only way for enterprises to have an independent view into the security of outsourced applications was to engage manual penetration testing consultants. Unfortunately, manual penetration tests are time consuming, costly, and only provide limited security coverage. As a result, enterprises either do not effectively test outsourced applications or are restricted to analyzing a small sub-set of their externally developed software.

Veracode automates testing and provides a simple, cost-effective solution specifically designed to meet the needs of securing outsourced applications. Developers simply upload the application binary or provide a URL and Veracode provides independent results within 24-72 hours to both the developer and enterprise. By using an independent and automated service, enterprises can now qualify and quantify the risks across their entire application portfolio without adding months to delivery schedules or incurring major operational costs for manual testing.

Outsourcing Team Analysis



Veracode's Team Dashboard provides an at-a-glance security performance view of your outsourced development teams

Security Milestones



Veracode's On-Demand Service tracks your application's ratings over time, enabling you to improve your outsourced development project milestones



Enable Application Security Testing without Source Code

Testing at the source code level not only is impractical as offshore code often is unavailable to the enterprise but also insufficient. Due to high developer churn and lack of security expertise, source code tools are simply too complex to derive meaningful results. Further, they do not provide the "independence" required for user acceptance and security audits nor do they examine the application in its final, delivered form. This has become a major inhibitor to enterprises being able to identify vulnerabilities in their outsourced applications. Veracode's breakthrough patented binary analysis removes these restrictions and allows transparency into the security of outsourced applications without the need for source code or other intellectual property.

Establish Security Metrics and SLAs with Providers

The best defense and easiest way to reduce security risks is to not let those very risks enter the organization from the outset. Analyst firm Gartner recommends that security testing for all outsourced applications be mandatory and that applications should not be accepted unless they have been tested for vulnerabilities. Veracode's Offshore SecurityReview provides a simple and cost effective way for CISOs and VPs of Procurement to implement a procurement governance model that builds security assessments directly into the procurement process. Veracode's independent ratings allow enterprises to create clear and measurable security metrics around application vulnerabilities and establish SLAs to encourage secure development standards with their outsourcing development partners.

Protect Your Enterprise from Backdoors in Outsourced Applications

Outsourced development is a multi-tier process with many parties involved where growing types of threats – such as those coming from backdoors which can allow remote access to hackers – are impossible to spot with traditional tools. Additionally tools are typically run by the very same developers who are building the code, potentially implementing backdoors. Research from the US Department of Homeland Security points to a significant risk from backdoors and 23% of software packages used by US government employees have backdoors built into them. Only Veracode's Outsourcing SecurityReview is specifically designed to detect backdoors and protect enterprises from this critical threat.

Security Expertise Available On-Demand

Veracode allows enterprises to conduct proper security audits by a trusted entity on the final application code as part of an organization's software acceptance process, without the need for source or costly on-site consultants. Veracode inspects application code at the same level that it is attacked – the binaries. By assessing the final application code, Veracode ensures that all threats, including vulnerabilities and malicious code are detected, thereby providing the most complete security audit across internally developed applications, third-party commercial off-the-shelf software and outsourced code. Additionally, Veracode delivers its offerings as a software-as-a-service, ensuring that applications can be independently verified and validated, irrespective of their source without costly investments in hardware, software or training.

For More Information

For information on software security services, best practices, and methodologies, contact us at:

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