VERACODE

VERACODE APPLICATION SECURITY

Speed your innovations to market — without sacrificing security

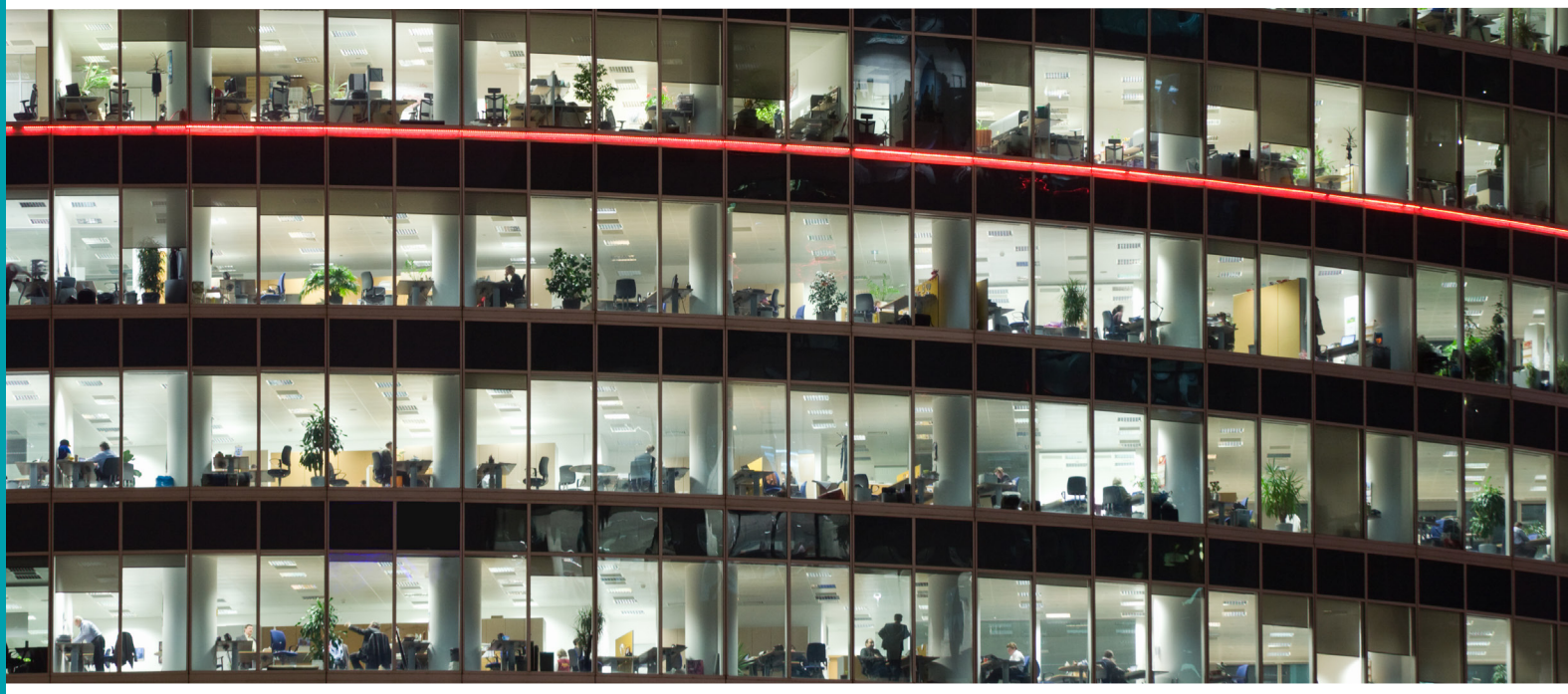
Web applications are the #1 attack vector for data breaches, yet only 10% of enterprises test all their critical applications for resilience against cyber-attacks. Why? Because traditional application security slows down innovation.

Veracode offers a simpler and more scalable approach for reducing application-layer risk across your *entire* global software infrastructure — including web, mobile and third-party applications.

It's End-to-End: Our single central platform covers web, mobile and legacy applications, from the SDLC to IT operations to the software supply chain and open source.

It's Built for Scale: Our cloud-based service was purpose-built for the speed and scale required to secure applications enterprise-wide.

It's Systematic: Our program managers help you reduce enterprise security risk by implementing structured governance programs, backed by world-class experts in application security.



We help the world's largest enterprises reduce global application-layer risk across web, mobile and third-party applications.

Web applications are the #1 attack vector
(Source: Verizon DBIR)

Despite this, fewer than 10% of enterprises test all of their business-critical applications before and after deploying them
(Source: SANS)

In fact, 28% of organizations don't even know how many applications they have
(Source: SANS)

APPLICATIONS ARE STRATEGIC FOR BUSINESS INNOVATION – AND A TOP TARGET FOR CYBER-ATTACKS

79% of developers say they either have no process or an inefficient *ad-hoc* process for building security into applications
(Source: Ponemon)

87% of web applications don't comply with the OWASP Top 10
(Source: Veracode State of Software Security Report)

78% of enterprises don't perform security reviews for 3rd-party software
(Source: SANS)

EVERY ENTERPRISE IS NOW A TECHNOLOGY COMPANY

Mobile, cloud and social media are dramatically changing the way we deliver business innovation. And it's your job as CISO to ensure new applications don't introduce unnecessary risk.

The traditional, network-centric approach to cybersecurity is no longer sufficient because application-layer attacks often bypass network-layer defenses. And the traditional, on-premises approach to application security imposes excessive complexity on fast-moving development teams. It requires specialized expertise and is difficult to scale. Plus it doesn't allow you to apply an enterprise-wide governance model with consistent policies across multiple business units and development teams.

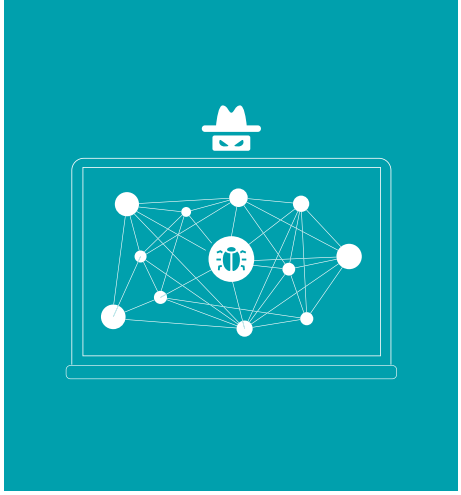
As a result, most enterprises take a fragmented approach to application-layer security. They spend millions on ad-hoc manual testing and tools but cover only a fraction of their global application threat surface.

This piecemeal approach yields predictably poor results. Cyberattackers continue to improve their tactics at an alarming rate. They look for paths of least resistance, such as less critical sites you may not even know existed. They search every nook and cranny of your applications to find their weak spots.

And if you aren't testing your application infrastructure to the same level, you're exposing yourself to unnecessary risks that can lead to theft of customer data and corporate intellectual property, fraud, downtime and brand impact.

Veracode offers a fundamentally different approach. Our automated cloud-based service combines centralized policies and analytics with world-class expertise and proven best practices for managing enterprise-wide governance programs.

That's why you can count on us to make your global program successful — so your business can go further faster without compromising your security posture.



END-TO-END

Single central platform

- Across web, mobile & legacy applications
- From the SDLC to IT ops to the software supply chain & open source
- Broad coverage via multiple techniques (SAST, DAST, behavioral, web perimeter & SW composition analysis)
- Central policies & metrics for consistent controls across global BUs & development teams

BUILT FOR SCALE

Cloud-based automation

- Purpose-built as automated cloud-based service
- Enables speed & scale required to secure apps enterprise-wide
- Platform is continuously learning to address new threats & reduce false positives
- Fast turnaround & tight integration with agile development workflows via APIs

SYSTEMATIC

Reduced enterprise risk

- Transform de-centralized processes into structured governance programs
- Backed by the world's foremost experts in application-layer security
- Best practices learned from securing the world's largest global enterprises
- Single point of accountability & focus on successful outcomes

BRING YOUR GLOBAL APPLICATION INFRASTRUCTURE INTO CORPORATE COMPLIANCE WITHIN WEEKS — VERSUS MONTHS OR YEARS WITH LEGACY ON-PREMISES APPROACHES

CISOs CAN BE MORE PROACTIVE AND STRATEGIC ABOUT APPLICATION-LAYER SECURITY — MAKING THEM BUSINESS INNOVATION ENABLERS

THE MOST POWERFUL APPLICATION SECURITY PLATFORM ON THE PLANET

Veracode's holistic approach combines our powerful cloud-based platform with multiple analysis technologies to identify application-layer threats, including:

Binary Static Analysis (SAST)

Static Application Security Testing (SAST), or "white-box" testing, finds common vulnerabilities by creating a detailed model of the application's data and control paths — without actually executing it. The model is then searched for all paths through the application that represent a potential weakness, such as SQL Injection.

Unique in the industry, Veracode's patented binary SAST technology analyzes all code — including third-party software such as components and libraries — without requiring access to source code.

Software Composition Analysis

Software composition analysis enables developers to continuously audit all their code — including third-party and open source components such as libraries and frameworks — to identify known vulnerabilities such as Heartbleed and Struts2 vulnerabilities.

Integration with Agile and DevOps Toolchains

Veracode provides a rich set of APIs and plugins to simplify integration into development environments. This maximizes developer productivity by embedding security into build and test processes, including Agile and continuous deployment toolchains (Jenkins, JIRA, Eclipse, Visual Studio, Team Foundation Server, etc.).

Frequent assessments allow the team to identify and remediate release blockers early in the cycle — when they are easier and less expensive to fix. Equally important is that the majority of Veracode scans finish quickly. In fact, 80% of assessments are turned around in less than 4 hours.

Dynamic Analysis (DAST)

Dynamic Application Security Testing (DAST) or "black-box" testing, identifies architectural weaknesses and vulnerabilities in your running web applications before cyber-criminals can find and exploit them.

DAST uses the same approach used by attackers when probing the attack surface, such as deliberately supplying malicious input to web forms and shopping carts.

Web Perimeter Monitoring

Cyber-attackers are constantly looking for the paths of least resistance — such as obscure or out-of-date websites — to gain access to critical corporate and customer data. Our massively parallel, auto-scaling cloud infrastructure rapidly discovers all public-facing applications, including unknown sites outside the normal corporate IP range.

Unlike traditional network scanners, it uses a combination of advanced search techniques — such as DNS keyword searches, production-safe crawling, analyzing page redirects and machine learning — to quickly identify unknown sites that traditional network scanners miss. It then crawls all of the pages of high confidence sites using unauthenticated scanning to identify critical vulnerabilities such as SQL injection and Cross-Site Scripting (XSS). Organizations can often rapidly reduce risk simply by shutting down unused websites or upgrading vulnerable modules to more up-to-date versions.

WAF Integration

Veracode integrates its security intelligence with leading WAFs to enable rapid "virtual patching" of critical vulnerabilities in production applications. This approach effectively mitigates risk until code remediation can occur.

Third-Party Security

More than two-thirds of enterprise applications are provided by third-parties — including commercial applications, outsourced code, SaaS, third-party libraries and open source.

Our vendor application security testing program reduces the risk associated with third-party software by managing the entire vendor compliance program on your behalf.

VERACODE AT A GLANCE

- Founded in 2006
- 400+ employees
- 800+ customers worldwide
- Gartner Magic Quadrant Leader for Application Security Testing

Securing global application infrastructures for the largest and most complex enterprises including:

- Hundreds of the world's top enterprises
- 3 of the top 4 banks in the Fortune 100
- 20+ of Forbes' 100 Most Valuable Brands

Mobile Application Security

Veracode's Mobile App Reputation Service provides behavioral intelligence to help you determine which mobile apps violate enterprise policies for security and privacy. The App Reputation Service integrates with leading mobile device management (MDM) solutions — including AirWatch, MobileIron, and Fiberlink — to help you implement a secure BYOD program via automated app blacklisting.

Cloud-Based Platform

Our cloud-based platform provides centralized policies and simplifies information sharing across global teams.

It also provides: role-based access control (RBAC); security analytics and KPI dashboards to track the progress of your global program; automated compliance reporting and remediation workflows; and APIs for tight integration with agile development processes.

eLearning

Helps developers become proficient in secure coding practices and achieve compliance with mandates such as PCI-DSS Requirement 6.5. to identify all vulnerabilities of measurable risk.

VERACODE
The Most Powerful Application Security Platform on the Planet

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