

WEB APP

NetSPI's Web Application Penetration Testing

Improve Application Security with
Web Application Penetration Testing
by NetSPI

Due to their requirement to be accessible to large groups of people, due to their increasing complexity, and due to typically being connected to other internal infrastructure, web applications continue to be a highly targeted space for malicious actors. NetSPI identifies vulnerabilities, misconfigurations, and business logic issues in web applications that make your organization susceptible to external or internal threats.

During our web application penetration testing engagements, NetSPI will evaluate your web application for security vulnerabilities, and provide actionable guidance for remediating the vulnerabilities with the goal of improving your organization's application risk posture.

Our Web Application Penetration Testing Service

We employ manual and automated pentesting processes using commercial, open source, and custom software to evaluate your web application from the perspective of both anonymous and authenticated users. We use a proprietary and adaptable methodology to test your unique application for the OWASP Top 10 and much more.

Anonymous Testing

- Non-credentialed user
- Tests application and system layers
- Multiple scanners
- Manual verification

Authenticated Testing

- Multiple credentialed users by role
- Automated and manual processes
- Elevate privileges
- Gain access to restricted functionality
- Application logic issues
- Manual verification

Streamline Security

Our proven technology and expert human consultants provide your organization with high quality, reproduceable findings along with actionable results that empower your teams, reduce remediation efforts, and improve security posture.

The Benefits of Application Penetration Testing



Avoid Breaches

Discover your vulnerabilities and exposure, before a breach occurs



Achieve Compliance

Meet security testing requirements from a third party



Improve Security

Learn how to strengthen your applications/software security program



Expand Your Team

Expert human testers support and streamline remediation efforts

What is the OWASP Top 10?

In addition to identifying application logic weaknesses, your web application security testing service will target OWASP Top 10 web application vulnerabilities.

The OWASP Top 10 is a list of the most critical security risks to web applications, identified by an industry consensus. Adopting the OWASP Top 10 in your software development and application security testing processes is a strong step in improving application security for your business, your partners, and your customers.

- A01 Broken Access Control**
- A02 Cryptographic Failures**
- A03 Injection**
- A04 Insecure Design**
- A05 Security Misconfiguration**
- A06 Vulnerable and Outdated Components**
- A07 Identification and Authentication Failures**
- A08 Software and Data Integrity Failures**
- A09 Security Logging and Monitoring Failures**
- A10 Server-Side Request Forgery**

Web Application Pentesting Research and Tools

Learn about penetration testing on our [technical blog](#), from our [open-source penetration testing toolsets](#) for the infosec community, and in our [SQL injection wiki](#).

About NetSPI

NetSPI® pioneered Penetration Testing as a Service (PTaaS) and leads the industry in modern pentesting. Combining world-class security professionals with AI and automation, NetSPI delivers clarity, speed, and scale across 50+ pentest types, attack surface management, and vulnerability prioritization. The NetSPI platform streamlines workflows and accelerates remediation, enabling our experts to focus on deep dive testing that uncovers vulnerabilities others miss. Trusted by the top 10 U.S. banks and Fortune 500 companies worldwide, NetSPI has been driving security innovation since 2001. NetSPI is headquartered in Minneapolis, MN, and available on [AWS Marketplace](#). Follow us on [LinkedIn](#) and [X](#).

The NetSPI Difference

NetSPI delivers industry-leading penetration testing expertise and a vulnerability management platform that makes penetration test results actionable.

- A collaborative team with experience and expertise produces the highest quality of work
- Technology allows more focus on testing and scales to large engagements and multiple ongoing projects
- Consistent processes with formalized quality assurance and oversight deliver consistent results
- Actionable guidance by a trusted partner from the start of the engagement to the end of remediation

To learn more about NetSPI's Web App Pentesting, visit www.netspi.com or contact us.