

NetSPI Continuous Pentesting

Proactive Security for a Dynamic Threat Landscape

Organizations are managing thousands of potential entry points as new internet-facing resources are introduced, including cloud assets, on-prem resources, application/APIs, and other public facing services. Each deployment brings the potential for new risks, making it harder for teams to maintain a clear view of security without continuous, automated insights.

NetSPI's continuous pentesting delivers regular, tailored assessments across critical attack surfaces, customized to an organization's risk profile and operational cadence to ensure coverage where it matters most. These services are delivered through NetSPI's modern pentesting platform using existing workflows and combining leading human-led expertise with AI-accelerated testing for faster, more accurate, and actionable insights.

This continuous approach to pentesting ensures security evolves alongside systems, enabling risk to be identified and remediated in real time rather than waiting for the next scheduled assessment.

Continuous External Penetration Testing

NetSPI identifies all internet-facing assets, detects misconfigurations, open services, vulnerabilities, and exposed data across internet-facing systems and web applications, validates risk by removing false positives, and delivers findings with actionable recommendations for remediation.

Continuous Cloud Penetration Testing

NetSPI's continuous cloud penetration testing evaluates cloud workloads, permissions, and configurations to prevent misconfigurations, improve compliance, and ensure cloud security evolves with your infrastructure. Findings are continuously surfaced through the NetSPI Platform with real-time visibility into cloud exposures, linked directly to affected resources for faster prioritization and remediation.

Continuous Web Application Penetration Testing

NetSPI's continuous web application penetration testing delivers ongoing testing to uncover authentication weaknesses, broken access controls, injection vulnerabilities, business logic flaws, and data exposure risks before attackers can exploit them, helping organizations stay ahead of vulnerabilities introduced through frequent releases, new features, and evolving threats rather than relying on a single point-in-time assessment.

Continuous AI Penetration Testing

NetSPI's continuous AI penetration testing helps security teams stay ahead of emerging threats as their AI models and applications evolve. By identifying exploits during development, it uncovers risks to LLM capabilities that point-in-time testing simply cannot find, delivering ongoing security metrics and trend data for up-to-date benchmarking and resilience against real-world threats.

Continuous Internal Penetration Testing

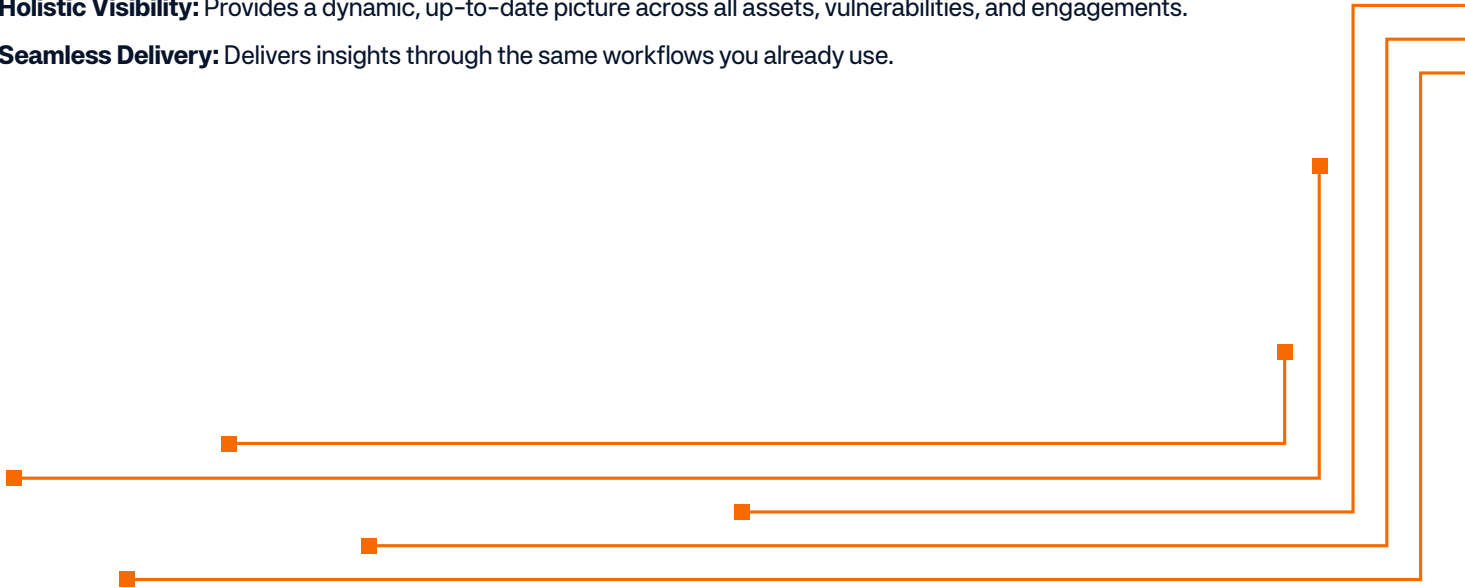
NetSPI's continuous internal penetration testing reveals weaknesses within your internal network by simulating realistic attack scenarios that uncover excessive user privileges, unpatched systems, misconfigured firewalls, and security policy gaps. Built on NIST SP 800-53, PCI DSS, OWASP Top 10, and the MITRE ATT&CK framework, testing covers privilege escalation, lateral movement, Active Directory vulnerabilities, and network segmentation.

Continuous AI Findings Validation

NetSPI's continuous AI findings validation applies expert judgment to the output of AI-driven security tooling, including frontier models and autonomous penetration testing platforms, to confirm which findings are real and how serious they are. NetSPI consultants eliminate false positives, verify severity classifications, and surface the vulnerabilities that actually matter.

Benefits

- **Faster Risk Reduction:** Identifies and remediates security gaps sooner.
- **Holistic Visibility:** Provides a dynamic, up-to-date picture across all assets, vulnerabilities, and engagements.
- **Seamless Delivery:** Delivers insights through the same workflows you already use.



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](#).