

MOBILE APP

Mobile Application Penetration Testing

Enhance your mobile application security posture and reduce company risk with actionable insights discovered through manual penetration testing

NetSPI evaluates target applications for security vulnerabilities, testing both client-side and backend server functionality for anonymous users (non-credentialed) and authenticated users (credentialed). A combination of manual and automated penetration testing is completed on Android and/or iOS using commercial, open source, and proprietary software and methodologies.

5 Key Attack Scenarios

- 1. Direct Attack Model** – We attempt to gain unauthorized access and data by leveraging server-side attacks used by real-world adversaries such as injections, authorizations, authentication flaws, business logic, hard-coded credentials/API Keys, and more.
- 2. User-Targeted Attacks** – We test if targeted users will interact with adversarial XSS, CSRF, CORS through phishing emails, malicious data storage, comments, links, etc. Once we gain entry, we assess stored information, escalate privileges, or impersonate accounts.
- 3. Mobile Malware** – Applications and operating software are our focus when testing for user reactions and vulnerabilities which can be directly exploited with the goal of user impersonation or gaining access to local data.
- 4. Machine in the Middle** – We review and assess the network path between the application on the user's device and a server for potential traffic and interception vulnerabilities.
- 5. Lost Device** – A device can easily be lost or stolen, and it is critical to discover what can be accessed should this event occur. We review common lost or stolen device targets such as crypto wallets, bank accounts, social media accounts, and more.

Tackle Your Security Goals with a Trusted Team

Collaboration is one of NetSPI's core values. We work with you to ensure that findings are analyzed, communicated, and remediated in alignment with compliance requirements and your strategic business or program goals.

Key NetSPI Differentiators



Real Devices

Every tester has two Apple devices and two Android devices on their desk to ensure top-quality testing results and reduced false positives.



Flexible Approach

Testing can be done wherever it's preferred, whether that's through an MDM or Application Distribution Platform like TestFlight, GooglePlay beta, etc.



Testing Efficiency

We demonstrate industry-leading testing quality with results delivered faster than the competition.

All Penetration Testing Results Delivered in The NetSPI Platform

- **Real-Time Reporting** – Get notified of vulnerabilities in-platform as they are found.
- **Remediation Guidance** – Vulnerabilities are delivered with remediation instructions and consultant support.
- **Project Management & Communication** – Effortlessly assign responsibilities, track remediation status, communicate with teams, and more.
- **Track & Trend Data** – Analyze findings and discover trends over time.

To learn more about NetSPI's solution offerings, visit www.netspi.com or contact us.

Our Comprehensive Pentesting Services

Application Pentesting

- Web Application
- Mobile Application
- Thick Application
- Virtual Application
- API

Network Pentesting

- Internal Network
- External Network
- Wireless Network
- Host-Based
- Mainframe

Cloud Pentesting

- AWS
- Azure
- Google Cloud
- Kubernetes

Hardware Systems

- IoT
- ATM
- Automotive
- Medical Device
- OT
- Embedded

Blockchain Pentesting

- Smart Contract Audit
- Infrastructure Test
- Web Application Test

Threat Modeling

- STRIDE, PASTA, & Proprietary Methodologies

AI/ML Pentesting

- Large Language Models (LLMs)
- LLM/AI Enabled Applications

Red Team

- Assumed Breach
- Black Box
- Threat Intel Led (DORA)

Secure Code Review

- SAST & SCR
- SAST Triaging

Cybersecurity Maturity Assessment

- Security Program Advisory
- Incident Response
- Benchmarking

Social Engineering

- Phishing
- Vishing
- Physical Pentest
- On-Site Assessment

SaaS Security Assessment

- Microsoft 365
- Salesforce

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](#).