# Human-Driven Automated Pentesting (H-DAP)

Improve your web application portfolio coverage.

"73% of successful corporate network penetration tests broke in through vulnerable web applications" according to Kaspersky, meaning that although high-risk apps are tested annually, adversaries are still gaining access, often through lower risk applications.

NetSPI's Human-Driven Automated Pentesting (H-DAP) focuses on top web application attack techniques and vulnerabilities discovered from 20+ years in the offensive security space. H-DAP uses industry standard DAST scanning tools paired with targeted manual penetration testing, allowing companies to rapidly test with confidence and improve coverage across a portfolio of applications.
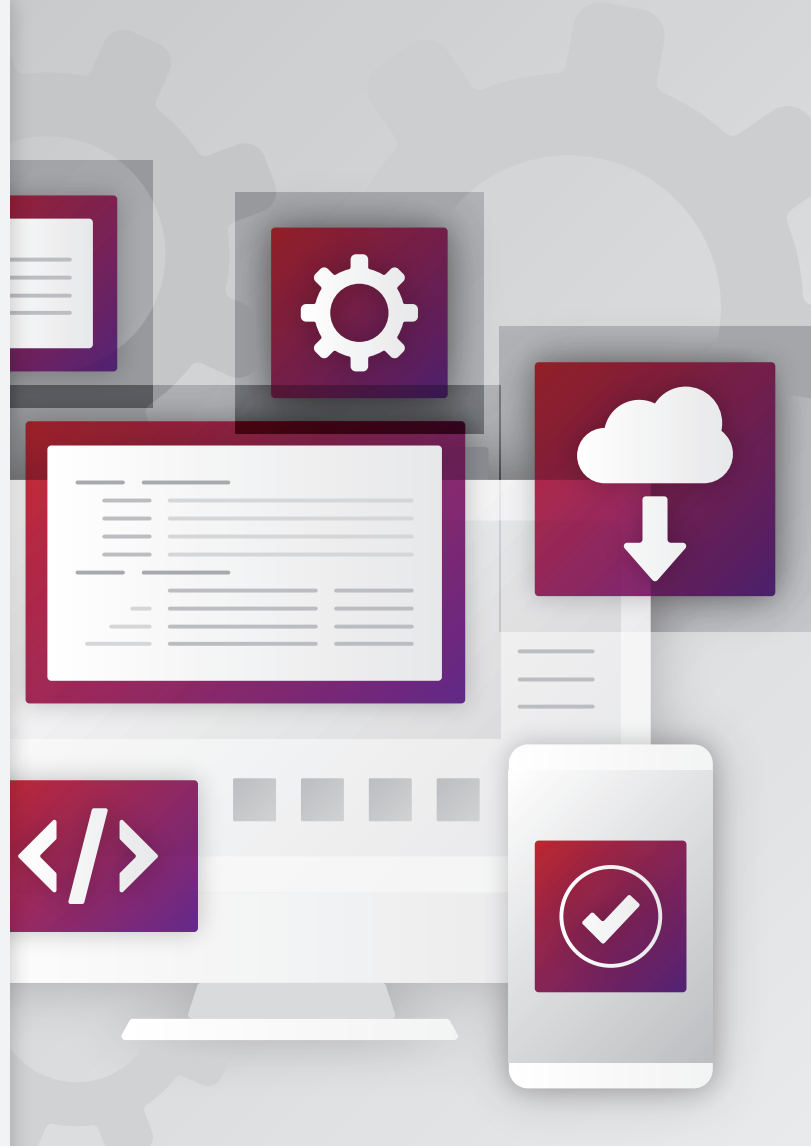
Key NetSPI H-DAP Benefits

Streamline

Automated scanning establishes a vulnerability baseline faster. Manual validation and triaging provide near-zero false positives, delivering actionable information from noise.

Secure

Humans perform targeted manual penetration testing to discover findings that scanners simply can't.

Scale

Expand coverage by testing more of your web application portfolio, instead of only high-risk apps.

Web Application Pentest (WAPen) & Human-Driven Automated Pentest (H-DAP) Differences

	Web Application Pentest	Human-Driven Automated Pentest
Engagement Scope	1 App	5 App Bundles
Testing Focus	Depth (Deep-Dive)	Breadth (Light Touch)
Engagement Length	3-10 Days per App	2 Days per App
Application Criticality	High/Medium Risk	Low Risk
Application Coverage	Comprehensive	Timeboxed
Automated Scanning	Comprehensive	Timeboxed
Manual Testing	Comprehensive	Limited *
Identified Vulnerability Exploitation	✦	Limited
Read-Out Call	✦	By Request Only
Remediation Testing	✦	Additional Fee
Resolve Platform Access	✦	✦
Real-Time Reporting	✦	✦
Project Management Support	✦	✦
SME & Technical Remediation Support	✦	✦
Vulnerability Tracking & Trending	✦	✦

H-DAP Manual Testing Includes: Authentic Testing, Session Management Testing, Password Reset Training, & File Upload Bypasses

The H-DAP Difference

Traditional web application pentesting delivers a deep-dive manual assessment on a narrow set of web applications which often forces companies to limit which are tested. H-DAP is designed to provide a lighter touch manual assessment across a broader range of web applications to rapidly improve coverage.

Automated Scanning Delivers:

- Breadth-focused coverage
- Fast completion timeline
- OS vulnerability and missing patch notifications
- Open port discovery and listening services
- Web application misconfigurations identification
- Vulnerable third-party library usage alerts
- Injection testing and parameter/cookie fuzzing
- Automated authorization testing

Manual Pentesting Delivers:

- Authentication testing
- Password reset testing
- Session management testing
- File upload bypasses
- Limited exploitation of identified vulnerabilities
- Findings validation and prioritization

Delivered in NetSPI's Resolve™ PTaaS Platform

◆ **Real-time Reporting**
Get notified of vulnerabilities in platform as they are found.

◆ **Project Management & Communication**
Effortlessly assign responsibilities, track remediation status, communicate with teams, and more.

◆ **Remediation Guidance**
Vulnerabilities are delivered with remediation instructions and consultant support.

◆ **Track & Trend Data**
Analyze findings and discover trends over time.

To learn more about NetSPI's Human-Driven Automated Pentesting (H-DAP) services, and our other offerings, visit **www.netspi.com** or contact us.

NetSPI – Platform Driven, Human Delivered

Attack Surface Management | Breach and Attack Simulation | Penetration Testing as a Service:
Application Pentesting • Cloud Pentesting • Network Pentesting • IoT Pentesting • Blockchain Pentesting • Secure Code Review • Strategic Advisory • Red Team Testing • Social Engineering

About NetSPI:
NetSPI is the leader in enterprise penetration testing and attack surface management. Today, NetSPI offers the most comprehensive suite of offensive security solutions – attack surface management, penetration testing as a service, and breach and attack simulation. Through a combination of technology innovation and human ingenuity NetSPI helps organizations discover, prioritize, and remediate security vulnerabilities. For over 20 years, NetSPI's global cybersecurity experts have been committed to securing the world's most prominent organizations, including nine of the top 10 U.S. banks, three of the five largest healthcare companies, the leading cloud providers, and many of the Fortune® 500.