

Security Testing Agent

Find and fix vulnerabilities at machine speed

Security teams find more vulnerabilities than developers can ever fix. Harness Security Testing Agent (STA) closes that gap. It scans your code, dependencies, and pipelines, then uses AI agents to prioritize what actually matters and generate validated fixes that developers can simply approve. Whether responding to a new zero-day or cutting through the backlog, STA helps you find and fix vulnerabilities at machine speed.

90%

Fewer false positives

95%

Less security noise

98%

Faster Patch Cycles

2 min

Zero-day response

Capabilities



AI SAST

Find vulnerabilities in both human- and AI-generated code the moment it's written, building a code property graph and using AI reasoning to find flaws like IDOR that rule-based scanning misses – with confidence scoring that keeps false positives low.



SCA

Scan dependencies for vulnerabilities, malicious packages, license risks, and more, prioritizing issues for remediation by exploitability and reachability, and opening pull requests with validated fixes for developers to simply review and approve.



Supply Chain Security

Automatically respond to zero-days the moment they hit, identifying every exposed pipeline and artifact, containing blast radius, and generating a validated fix – with full audit trail proving the artifacts you deploy are the ones you scanned and built.



Security Testing Orchestration

Orchestrate 40+ supported scanners across all your pipelines – reducing scan times and token costs for LLM-based scanners – then applying policy to enforce that required checks actually ran and take consistent action on what they found.

Works with your stack

Pre-built integrations with 40+ security tools – no rip-and-replace required.



Anthropic



OpenAI



Black Duck



GitHub



OWASP



Mend



Checkmarx



Semgrep



Trivy



Burp Suite



Snyk



GitLab



OSV



Modelscan



Veracode



SonarQube



Wiz



Checkov



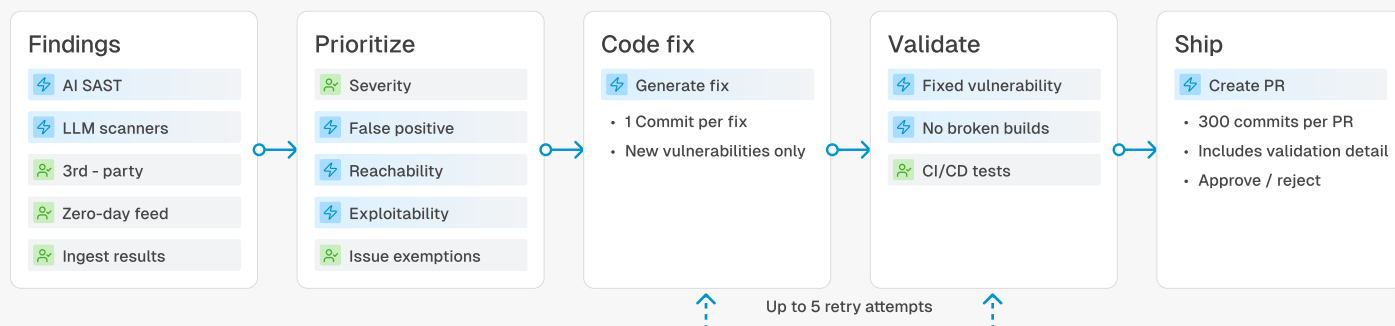
Fortify



Zap

From found to fixed, in minutes

Responding to zero-days or clearing a vulnerability backlog requires the same thing – agentic triage and remediation.



Triage Agent

Prioritize findings by exploitability and reachability, so you can focus on real risk.

Remediation Agent

Generate a validated fix and open a PR for developers to review and approve.

Zero-Day Agent

Instantly identify exposure, generate a validated fix, and open a PR.

What changes with STA



Security stops being the bottleneck

Agents handle triage and remediation work that security teams can't keep up with, so backlog shrinks without adding headcount.



Fixing is simpler than ever

A validated PR, already checked against the vulnerability and build, is as easy as fixing gets while still keeping a human in the loop.



Respond instantly to zero-days

Eliminate the scramble anytime a new zero-day drops, and shrink response time from weeks to minutes.

Proven at scale

A global financial services institution was manually patching security vulnerabilities across 1,000+ microservices, with security and engineering teams absorbing days of manual toil every bi-weekly patch cycle.

<2 hours

Patch cycle - down from 5 days

0 hours

Manual toil per patch - from 25

~0 min

Response time to new zero-days



Security that moves at machine speed

Matches the speed of AI coding and vulnerability discovery, so security never becomes the bottleneck.



See Harness in Action
harness.io/demo/security-testing-agent