AUTONOMOUS AI PENETRATION TESTING

Secure at Machine Speed.

An enterprise-grade autonomous penetration-testing platform driven by context-aware AI agents — non-disruptive, continuous validation across perimeters, cloud, Active Directory, and APIs.

- Zero-downtime testing
- <0.1% false positives
- Mapped to OWASP Top 10
- Continuous, not point-in-time

OVERVIEW

Perseus operates as an always-on autonomous red team. Point it at a scope and its AI agents run reconnaissance, exploitation, and validation end-to-end — replaying real attacker logic at machine scale, while strict execution guardrails keep production untouched. Every finding is verified, prioritized, and mapped to the frameworks your auditors already use.

- **Stronger Validation**
- **Continuous Coverage**
- **Faster Deployment**
- **Lower Total Cost**

PROBLEMS WE SOLVE

Point-in-time visibility gaps
Manual pentests go stale hours after delivery; daily deployments create unvalidated blind spots. Perseus tests continuously.

Elite talent shortage
Skilled offensive engineers are scarce and slow to schedule. AI agents replicate human hacker logic at machine scale.

Outage risk from active testing
Traditional exploitation can crash live systems. Strict guardrails are engineered to bypass system-crash vectors entirely.

Slow, costly scoping cycles
Recurring manual scoping fees drain budget. Perseus self-scopes and re-tests on demand with no per-engagement contracts.

Fragmented coverage
Perimeter, cloud, AD, and APIs tested by separate tools leave seams. One platform validates the full attack surface.

CORE CAPABILITIES

01

Perimeter Reconnaissance

- Continuous active & passive footprinting
- DNS wildcard & subdomain mapping
- Automated port & service-banner ID
- Shadow-IT & exposure detection

02

Intelligent Exploitation

- Context-specific, safe exploit paths
- Emulates modern threat-actor TTPs
- Strict constraints prevent outages
- <0.1% false-positive rate

03

API Schema Fuzzing

- Auto-parses OpenAPI, Swagger & Postman
- Deep BOLA / IDOR logic validation
- Authorization-bypass & param probes
- Exposed token & private-key detection

04

Cloud & Active Directory

- Cloud posture & privilege validation
- AD attack-path & lateral-move mapping
- Misconfiguration detection
- Identity & access exposure checks

05

DevSecOps Integration

- Native CI/CD pipeline hooks
- Block vulnerable builds pre-release
- Ticketing & SIEM export
- Automatic re-test on every deploy

KEY SYSTEM BENEFITS

Protect critical PII

Continuously shield customer accounts, records, and transaction schemas from leak vectors.

Accelerate DevSecOps

Embed safe automated pentesting in CI/CD to block vulnerable code before it ships.

Reduce overhead

Retire recurring manual scoping fees and reclaim your defensive security budget.

Prove compliance

Generate continuous, audit-ready evidence for OJK, BI, and ISO-aligned reviews.

HOW IT WORKS

01 — SCOPE
Define the target

Point Perseus at a scope; agents self-map the reachable attack surface.

02 — RECON
Discover continuously

Active & passive discovery of assets, services, and exposure — around the clock.

03 — EXPLOIT SAFELY
Validate real paths

AI agents confirm exploitable paths under strict no-outage guardrails.

04 — REPORT
Prioritize & integrate

Verified, ranked findings flow to your pipeline, SIEM, and dashboards.

THE PERSEUS LOOP NEVER STOPS

DEPLOYMENT & ARCHITECTURE

Hybrid Agent Mesh

Distributed lightweight agents scan internal and external scope from a single control plane — anywhere your assets live.

Internal Security Proxies

Ultra-light Docker / Kubernetes pods run inside your VPC and on-prem zones to reach private subnets and local APIs safely.

Scalable & Resilient

One platform secures unlimited IPs, web apps, and API gateways globally — no per-scope contracts, no ceilings.

Enterprise-Grade Security

Least-privilege operation, full audit trails, and tenant isolation — built for regulated, high-assurance environments.

IDEAL USE CASES

Banking & Finance	Government	Healthcare	Energy & OT/ICS	E-Commerce	Telecom	Enterprise SaaS
OJK / BI	PUBLIC SECTOR	PHI / EMR	CRITICAL INFRA	PAYMENTS	NETWORKS	CI/CD SCALE

WHY PERSEUS

- **Certified offensive pedigree.** Architecture team holds 5+ global certifications — CISSP, CISM, OSCP, CEH.
- **Safe by design.** Guardrails engineered to bypass system-crash vectors on live systems.
- **Scale without limits.** One platform, unlimited scope, no endless scoping contracts.
- **Compliance-ready.** Continuous, audit-grade evidence for OJK, BI, and international standards.

"Point out the target — Perseus does the rest, safely and continuously, at machine scale."

— THE PERSEUS ENGINEERING TEAM

Schedule an automated scoping demo

See Perseus map and validate your attack surface — live, with your engineering team.

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