

Picus Swarm

Security Validation, Run Autonomously



Picus Swarm runs your entire security validation program, attack surfaces, exposures, and security controls, validate, decide, fix, re-validate, on a workforce of specialist AI agents, at the autonomy level you choose.

Problem:
Change outpaces manual validation

Metric	Pain Point
~135 new CVEs / day ¹ , up 40% YoY	More change than any team can validate by hand.
10 hours to weaponize a CVE ²	Quarterly, manual testing is always behind.
<30 min adversary breakout ³	Faster than human-speed response can keep up.

Solution:
Picus Swarm

Each specialist agent takes one job and hands off to the next, turning a signal into a decision, at the autonomy you set.

- **Know whether your defenses hold** the moment a CVE, rule, or config changes.
- **Close real gaps with ready-to-deploy fixes**, then re-validate.
- **Stay ready** as threats and your environment move, at the autonomy you choose.

Proven, not experimental
13 years
of validation, BAS pioneer

The agents reason; the validation runs on technology proven and operated at scale for over a decade.

Battle-tested at scale
200M+
attack simulations last year

Real validation volume behind every agent decision, mapped to MITRE ATT&CK and refreshed continuously, not a lab demo.

On your terms
3 levels
Manual, Supervised, Autonomous

Choose the swarm's autonomy per workflow, with full audit trails. Start manual, scale as confidence grows.

Core Capabilities

- ✓ **Always-on, signal-driven**
Numi watches external feeds and internal changes continuously; your triggers decide which signals start a workflow. No noise, no waiting for the next batch.
- ✓ **Grounded in your context**
Every decision runs on the Picus data fabric, asset, exposure, and control-effectiveness intelligence fed by 75+ integrations, so the swarm acts on your reality.
- ✓ **Customize without code**
Core agents ship out of the box. Add specialist agents from the library, customize them, or build your own, and compose multi-agent workflows in seconds.

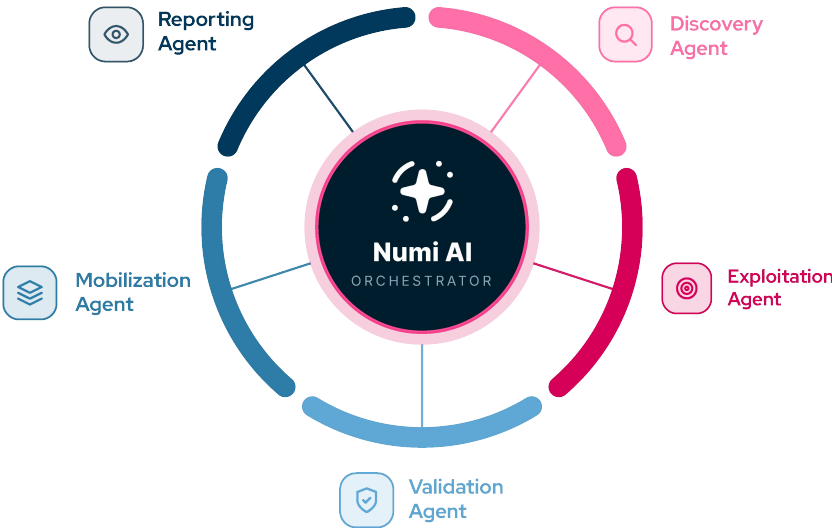
- ✓ **Closed-loop, no handoff**
Runs the whole loop end to end, validate, decide, fix, re-validate, passing work between agents automatically, with no manual stitching in between.
- ✓ **Tunable autonomy, full audit trail**
Set autonomy per workflow, Manual, Supervised, or Autonomous, with every agent action logged and auditable, so autonomy never means a black box.
- ✓ **Autonomous remediation**
The Mobilization agent deploys ready-to-deploy fixes, opens scoped tickets, and pushes policies through your control APIs, then re-validates that the gap is closed.

¹ 2025 Vulnerability Forecast: Year-End Review by FIRST, ² Mean-time-to-exploit of a new CVE, by ZeroDayClock, ³ The CrowdStrike 2026 Global Threat Report



Senses what changes, decides which workflow it matters for, and conducts the swarm end to end. Holds the full context of every run, routes work between agents, and answers you when you ask.

A Workforce, Not a Tool | Five specialist agents, **Numi** as the orchestrator: your validation program, end to end.



Discovery Agent
Builds a live picture of your environment: assets, exposures, and business context.

Exploitation Agent
Runs autonomous pentesting, chaining real exposures to your crown jewels.

Validation Agent
Confirms exploitability and whether your controls prevent or detect each technique.

Mobilization Agent
Deploys safe fixes, opens scoped tickets, and pushes policies through your control APIs.

Reporting Agent
Delivers the right proof: practitioner detail, board answers, audit-ready chain of custody.

The Picus Data Fabric

Every agent reasons from one live source of truth: Asset Intelligence, Exposure Intelligence, and Security Control Effectiveness, unified, so decisions reflect your real environment, not a generic template.

Connect to the Tools You Already Trust

Picus Platform offers out-of-the-box API integrations across every layer of your security stack, with 75+ integrations spanning on-prem, cloud, and hybrid, so you maximize the value of your existing security investments.



picussecurity.com

Experience Picus *in Action*

GET A DEMO

FALL 2026

Leader

4.8/5.0

#1 Solution Provider*

Breach and Attack Simulation

*G2, Breach and Attack Simulation (BAS) Solutions, Fall Grid Report, 1 September 2026

Gartner

Peer Insights

Customers' Choice 2026

4.8/5.0

Highest-rated vendor*

Adversarial Exposure Validation

*Gartner, Voice of the Customer for Adversarial Exposure Validation, Peer Contributors, 27 August 2026