

PICUS SECURITY VALIDATION PLATFORM

The Complete Solution for Unified Exposure Management



Picus Security Validation Platform validates your security posture across every layer by mapping attack paths, simulating threats, and proving exploitability so you can cut noise, fix what matters, and defend with confidence.

Problem:
The Illusion of Security Without Proof

Without validation, security teams cannot be sure whether their defenses work, where attackers might break through, or what to fix first.

- Security controls are **in place but rarely tested** against real threats.
- Theoretical risks and false positives findings cause **alert fatigue** and **increased response time**.
- Validation efforts are **manual and time-consuming**, making them hard to scale across environments.

Solution:
Picus Security Validation Platform

The Picus Platform validates prevention, detection, and response by testing controls, attack paths, exposures, and detection rules against real threats.

- **Validate security controls** at scale with no manual scripting or red team expertise required
- **Identify prevention and detection gaps** in your environment by simulating adversary behavior
- **Streamline compliance** efforts with data-driven insights that prove control effectiveness.

Adversarial Exposure Validation

Gain a unified view of your security posture with , AI-powered validation across controls, exposures, and attack paths.

> 86% Reduction in Vulnerability Backlog¹

Fix Gaps Fast

Step-by-step remediation guidance plus ready-to-deploy signatures and detection rules, let you shorten MTTR and harden defenses.

> Prevent %200 more threats in 3 months²

Prove Measurable Impact

Evidence-based scoring pinpoints where your resources reduce the most risk, so every action is board-ready.

> \$580K Less Annual Labor Cost¹

Core Capabilities

- ✓ **Best-in-Class Breach and Attack Simulation**
Automate end-to-end attack simulations to validate security posture against evolving threat campaigns
- ✓ **AI-Powered Automated Penetration Testing**
Uncover exploitable attack paths with AI-powered attack path validation that reveals true business risk
- ✓ **Security Control Effectiveness**
Test prevention and detection controls with ATT&CK-mapped, automated kill-chain exercises

- ✓ **End-to-End Exposure Management**
Unify assessment, validation, prioritization, and remediation in one workflow for CTEM programs
- ✓ **Cloud Posture & Control Validation**
Assess cloud configurations and identities across AWS, Azure, and GCP to uncover critical gaps
- ✓ **Streamlined Detection Engineering**
Automatically test SIEM and EDR rules to verify detection accuracy and reduce false positives

¹ Based on analysis of 10M exposures from Early Availability Program participants, ² Blue Report 2025, Picus Security

Picus Security Validation Platform

Unified Approach to Exposure Management



Security Control Validation (SCV):
Measure and optimize the effectiveness of security controls with **Breach and Attack Simulation (BAS)**.



Attack Path Validation (APV):
Run **automated penetration testing** to eliminate high-risk attack paths.



Exposure Validation (EXV):
Distinguish between theoretical and **truly exploitable exposures** to prioritize remediation efforts based on real-world risk.



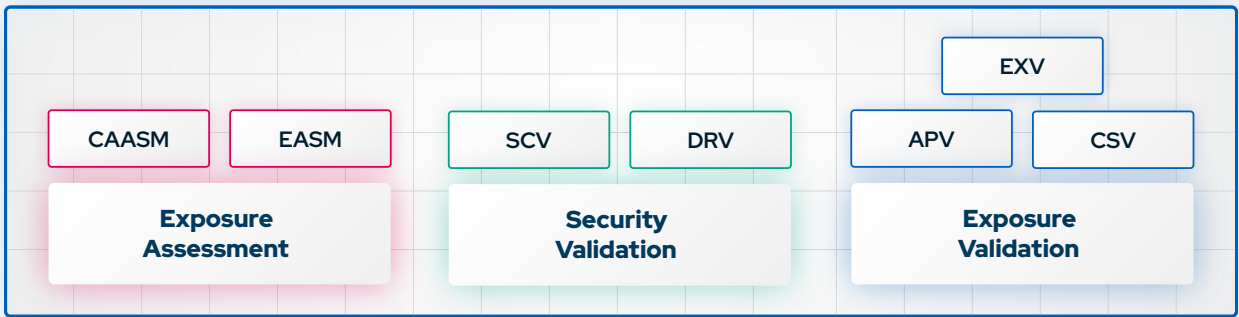
Detection Rule Validation (DRV):
Assess SIEM rules to ensure high-fidelity alerts and **streamlined detection engineering**



Cloud Security Validation (CSV):
Validate cloud configurations to identify misconfigurations, privilege risks, and attack paths.



Attack Surface Validation (ASV):
Discover exposed assets with **native CAASM** capabilities and integrations with **EASM** tools for full attack surface visibility.



AI Built for Security Teams

AI powers every layer of the Picus Platform by correlating attack data, generating custom threat scenarios from intelligence reports, quantifying risk through exposure scoring, and guiding remediation through **Numi AI**.

Connect to the Tools You Already Trust

Picus Platform offers out-of-the-box API integrations across every layer of your security stack and enables you to maximize the value of your existing security investments.



picussecurity.com

Experience Picus *in Action*

GET A DEMO



4.8/5.0
Highest-rated vendor*
Breach and Attack Simulation

*Gartner, Voice of the Customer for Adversarial Exposure Validation, Peer Contributors, 30 October 2025



4.9/5.0
#1 Solution Provider*
Breach and Attack Simulation

*G2, Breach and Attack Simulation (BAS) Solutions, Fall Grid Report, 9 September 2025