



# Treat the Cause, Not Just Alerts:

## Continuous Validation for Healthcare with Picus Platform

Picus Security Validation Platform enables healthcare organizations to proactively reduce cyber risk by simulating real-world attacks, identifying security control gaps, and delivering actionable, compliance-aligned remediation guidance.

### Problem:

#### Alert Fatigue with Unproven Defenses

- **High alert volumes** lead to analyst burnout and missed threats.
- Security controls are **deployed but rarely tested**, creating blind spots in coverage.
- **Compliance requirements** demand proof but manual validation is resource-intensive.

### Solution:

#### Picus Security Validation Platform

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

#### Validate Security Controls

Continuously assess defenses across on-premises, cloud, and hybrid environments, and fine-tune security controls such as SIEM, EDR, NGFW, and WAF.

➤ **Mitigate Security Gaps 81% Faster** <sup>1</sup>

#### Be Prepared Against Threats

Simulate ransomware, APTs, and advanced attacks to ensure healthcare IT systems are prepared for cyber threats targeting patient data and critical infrastructure.

➤ **Prevent %200 more threats in 3 months** <sup>2</sup>

#### Compliance with Proof

Generate audit-ready, evidence-based reports aligned with healthcare regulations such as HIPAA, HITRUST, and ISO 27799 without manual effort.

➤ **Prove Compliance with Confidence & Evidence**

### Core Capabilities

#### ✓ Integrated BAS and Automated Pentesting

Combine Breach and Attack Simulation (BAS) with Automated Pentesting to assess both control effectiveness and exploitability.

#### ✓ Risk Free

Picus runs non-destructive and production-safe attack simulations to ensure business continuity.

#### ✓ Flexible Deployment

Simulate attacks to measure control effectiveness across on-prem, cloud, and hybrid environments.

#### ✓ Healthcare-Specific Threat Coverage

Leverage the Picus Threat Library featuring over 26,000 unique attack actions to validate defenses against the threats commonly targeting healthcare organizations.

#### ✓ Actionable Mitigation Guidance

Receive 80,000+ vendor-specific prevention signatures and detection rules to close gaps quickly.


#### ✓ Rapid Emerging Threat Coverage


Picus adds attack simulations for the latest CISA alerts and emerging threats within a 24-hour SLA.


<sup>1</sup> Based on analysis of 10M exposures from Early Availability Program participants, <sup>2</sup> The Blue Report 2024, Picus Security


# Picus Security Validation Platform


Integrated approach to continuous validation


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**Security Control Validation (SCV):**  
Measure and optimize the effectiveness of security controls with Breach and Attack Simulation (BAS).
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**Attack Path Validation (APV):**  
Run automated penetration testing to eliminate high-risk attack paths.
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**Exposure Validation (EXV):**  
Distinguish between theoretical and truly exploitable exposures to prioritize remediation efforts based on real-world risk.
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**Detection Rule Validation (DRV):**  
Continuously assess SIEM rules to ensure high-fidelity alerts.
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**Cloud Security Validation (CSV):**  
Validate cloud configurations to identify exploitable misconfigurations, privilege risks, and cloud-native attack paths.
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**Attack Surface Validation (ASV):**  
Discover exposed assets across environments and gain context-aware visibility into the attack surface.

## Healthcare Misses that Matters Most

- 46% of simulated attacks were not logged.
- 87% were not detected at all.

**Periodic assessments aren't enough. Validation must be continuous.**

**BLUE REPORT™**  
BY PICUS SECURITY

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*“Ransomware used to be our biggest unknown. Picus lets us run safe ransomware tests every day and pinpoints which controls break, so we fix them fast and know we're ready.”*

*CISO, Top 100 Healthcare Company*

## 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](https://picussecurity.com)

Experience Picus *in Action*

GET A DEMO



**4.8/5.0**  
**Highest-rated vendor\***

\*Gartner, Voice of the Customer for Breach and Attack Simulation Tools, Peer Contributors, 30 January 2024

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