

SOLUTION BRIEF

PICUS PLATFORM AND CRYPTOSIM SIEM INTEGRATION

Integration Benefits

✓ Enhanced Threat Detection

Validate CryptoSIM SIEM detections against MITRE ATT&CK tactics and adversary kill chains, ensuring accurate and consistent detection of real threats.

✓ Proven CTEM Alignment

Transform CryptoSIM SIEM telemetry into validated evidence of exploitable risks, enabling clearer prioritization within the CTEM cycle.

✓ Streamlined Incident Response

Validated alerts reduce false positives, empowering SOC teams to respond swiftly and minimize attacker dwell time.

✓ Improved Cyber Resilience

Continuous assessments and real-time recommendations help defenses stay robust and adaptive to new threats.

✓ Holistic Security Posture

Gain a comprehensive view of your defenses by validating logs and alerts across CryptoSIM, enabling informed, data-driven decisions.

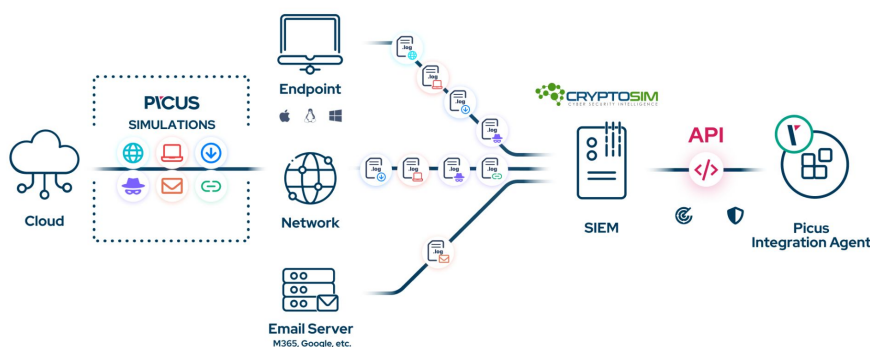
✓ Efficient Resource Allocation

Filter out unnecessary alerts, focus on genuine risks, and enable SOC teams to address what truly matters by reducing workload and building confidence.

Enhancing Threat Detection with Attack Simulations: The Picus x CryptoSIM SIEM Integration

Security Information and Event Management (SIEM) platforms are central to modern Security Operations Centers (SOCs). CryptoSIM SIEM provides security teams with advanced log management, analytics, and detection capabilities. Picus has partnered with CryptoSIM SIEM to provide SOC teams with a unified approach to cybersecurity, enabling them to proactively identify and close security gaps while optimizing detection and response.

By simulating real-world adversarial techniques, the Picus Platform validates log delivery and detection accuracy within CryptoSIM SIEM. With its comprehensive Threat Library, covering MITRE ATT&CK techniques and thousands of attack scenarios, Picus assesses and enhances CryptoSIM's detection and response capabilities by validating telemetry from diverse sources and equipping teams to act faster with Picus-provided, ready-to-use SIGMA rules.



How Picus x CryptoSIM SIEM Integration Works

1. Picus safely simulates real-world attack techniques across the environment to test security controls.
2. Security logs generated by endpoints, network, and cloud sources are forwarded to CryptoSIM SIEM.
3. Picus queries CryptoSIM via APIs, validates logs and alerts, and correlates them with simulated attack activity.
4. The validated results are displayed on the Picus dashboard, enabling SOC teams to close detection gaps and enhance security posture.

ABOUT PICUS

At Picus Security, our priority is making it easy for security teams to continuously validate and enhance organizations' cyber resilience.

Our Security Validation Platform simulates real-world threats to measure control effectiveness, confirm exploitable exposures, and identify high-risk attack paths to critical assets.

As the pioneer of Breach and Attack Simulation, we help organizations operationalize Continuous Threat Exposure Management (CTEM) with validated evidence, clear prioritization, and faster remediation.

Experience Picus in Action

[GET A DEMO](#)



4.9/5.0
#1
Solution Provider

4.8/5.0
Highest-rated
Vendor



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

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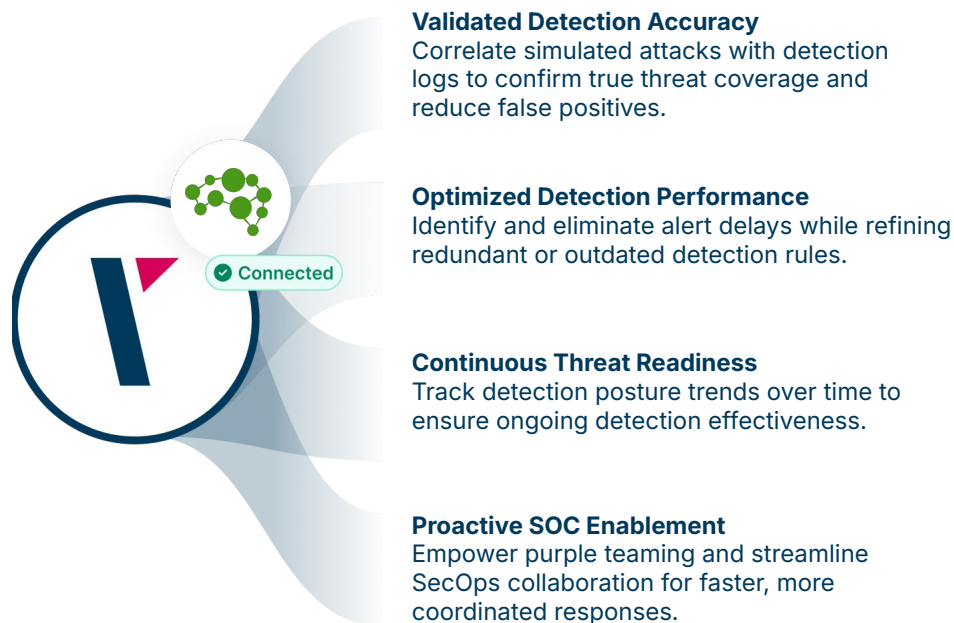
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Strengthening Cybersecurity Defenses With Picus x CryptoSIM SIEM Integration

Together, Picus and CryptoSIM empower organizations to strengthen defenses and improve SOC efficiency. Seamless integration ensures validated log delivery, accurate alerts, and reduced false positives, helping teams accelerate detection and response.

This integration removes uncertainty by addressing common SIEM challenges such as inconsistent log ingestion, untested detection rules, and alert fatigue. With validated alerts and clear visibility into detection gaps, security teams gain confidence in their ability to detect and respond to real threats before attackers progress across the environment.

By combining Picus Breach and Attack Simulation with CryptoSIM's SIEM capabilities, organizations gain a resilient and adaptive security ecosystem with clear, evidence-based prioritization and measurable improvements in detection performance.



Picus Security Validation Platform

Picus Security Validation Platform simulates cyber threats to consistently validate, measure and enhance organizations' cyber resilience. It facilitates a more proactive and threat-centric approach to security by automatically evaluating the effectiveness of security controls, identifying high-risk attack paths, and helping to optimize threat prevention and detection capabilities.

Why is security validation important?

- Controls don't perform out-of-the-box and must be customized.
- New threats mean that security tools can lose their effectiveness.
- Infrastructure drift creates weaknesses that can go unaddressed.
- Pentesting is vulnerability-focused and quickly out of date.
- Boards, auditors & insurers want evidence of security effectiveness.