



### Today's Challenges

## Next-Gen SIEM: Advanced Threat Detection and Compliance Solution

**Advanced Threat Detection and Incident Response:** Protect your systems from ransomware, brute-force attacks, insider threats and more with real-time threat monitoring and rapid incident response.

**Cloud-Based Delivery:** Simplified SaaS deployment, reducing the complexity and cost of on-premise installations.

**OSSEC-Based Technology:** Powered by the robust open-source OSSEC, enhanced with proprietary SecurWeave features to ensure enterprise-grade security.

**Comprehensive Compliance Monitoring:** Ensure your infrastructure meets industry security standards with continuous compliance monitoring and reporting.

**Seamless Integration:** Easily integrates with SecurWeave's CHES, OT, IoT and other security solutions, providing enhanced protection and unified security management.

- **Ransomware Attacks:** Every 11 seconds, a ransomware attack occurs, with an average payout of \$220,298 (2021 data).
- **Brute-force Attacks:** 30 billion brute-force attempts were recorded globally in 2020.
- **Vulnerability Exploits:** Command and control (C&C) communications continue to be exploited to take over compromised systems.
- **Increasing Complexity:** Leveraging advanced techniques such as polymorphic malware, zero-day exploits and multi-stage attacks.

# SIEM

## Security Information and Event Management

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### Why Choose a Cloud-Based SIEM Solution?

#### 1. Real-Time Threat Detection

SecurWeave-SIEM monitors system and network activities in real-time to detect and prevent advanced threats like malware, ransomware, and unauthorized network access. It provides visibility into critical files, sensitive data access, and suspicious activities.

#### 2. Compliance and Reporting

Stay compliant with industry standards and regulations like PCI DSS, HIPAA, GDPR, IEC 62443 and SOX. SecurWeave-SIEM continuously monitors and reports on system and network activities to help meet security requirements.

#### 3. Incident Response & Forensics

In the event of a breach, SecurWeave-SIEM offers forensic data to track the attack source, identify compromised assets and enable swift incident response to mitigate damage.

#### 4. Insider Threat Protection

SecurWeave-SIEM analyzes user behavior and system activities to detect and prevent malicious or suspicious actions by insiders with privileged access.

### Key Features of SIEM:

- **File Integrity Monitoring (FIM):** Continuously monitors and verifies changes to critical system files, alerting to unauthorized modifications. This feature is key to meeting PCI DSS requirements and maintaining a robust security posture.
- **Log Monitoring & Analysis:** Aggregates and analyzes logs from various devices and applications, identifying misuse, errors and potential threats by correlating data.
- **Rootkit Detection:** Detects hidden malicious code or rootkits that could compromise system integrity, with alerts for suspicious system changes.
- **Active Response:** Automates real-time responses when specified threats are detected, minimizing risk escalation.
- **Seamless Integration:** Unify security across your network, identity management systems, devices and cloud applications for comprehensive oversight.



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