

SOC Optimization Services

Synack Security Testing helps SOC operators spot and correct gaps in vulnerability detection and protection

Synack's Premier Security Testing Platform can safely test for the presence of and confirm exploitable vulnerabilities in a customer environment, helping Security Operations Center (SOC) operators identify and remediate gaps in vulnerability detection and prevention.

Traditional security testing, such as scheduled compliance audits and penetration tests, are necessary but not dynamic enough to test for new vulnerabilities that may surface at any time. Traditional pentest reports are cumbersome to act on, and retesting is manual and time consuming. At the same time, requiring SOC operators to proactively test security defenses on a continuous basis is impractical and costly.

Instead, coupling existing SOC resources with our Platform maximizes the capacity and efficiency of a SOC team. SOC operators can leverage our scalable, on-demand security testing for continuous network and application coverage and ad-hoc testing needs. The Platform combines automated smart scanning with human triage and pentesting by the Synack Red Team (SRT) to feed SOC operators noiseless, actionable data.

Leveraging Synack's continuous offensive testing, SOC operators can proactively spot and correct gaps in their defensive security detection and prevention capabilities. Our diverse and vetted community of security researchers offers scale and elasticity to complement the SOC team – allowing SOC leaders to direct and focus their own team's valuable resources to optimize security.

Synack capabilities

- Enable on-demand testing of network and application assets monitored by a SOC team
- Proactively test security controls with continuous adversarial testing against new vulnerabilities
- Scalable testing via the SRT, our expert vetted community of 1,500 security researchers
- Automated testing, combined with human triage greatly reduces alert noise and false positives
- Identify sources of critical risk, to prioritize assets for deeper penetration testing, and targeted SOC remediation efforts
- Attacker resistance score to quantify risk to an organization on an asset-by-asset basis
- Integrated management of testing, findings and patch verification
- Detailed reports and recommendations about exploitable vulnerabilities, triaged by the SRT and Synack Operations
- View and manage testing results via the Synack Client Portal and integrate security testing with SOC tools and processes

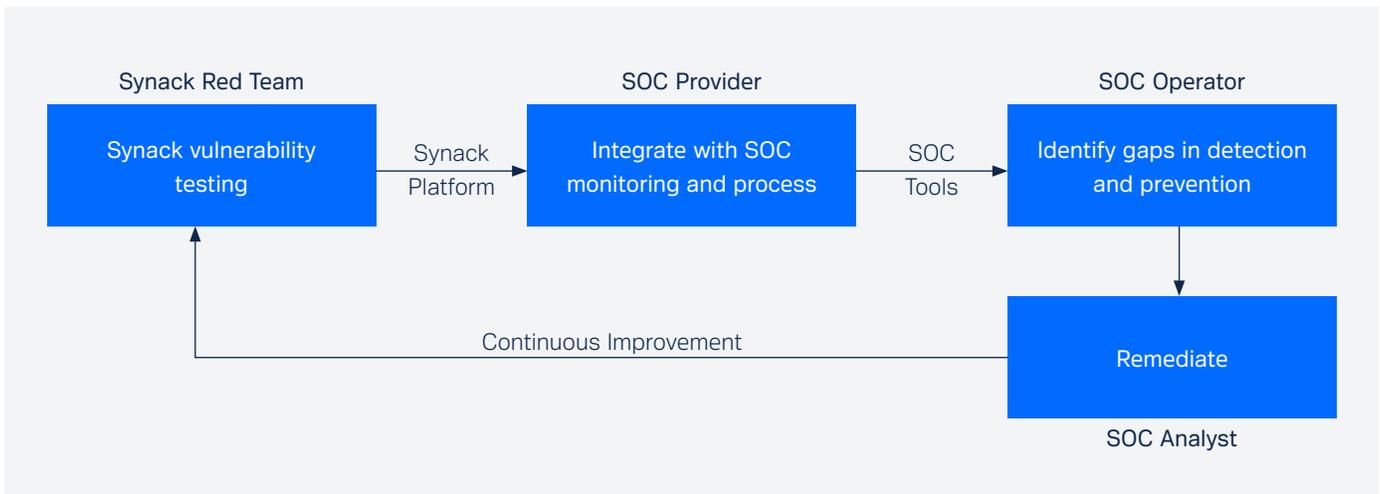
How Synack Security Testing can help

- Ensure active and thorough testing coverage of all SOC managed assets.
- Proactively and safely test for new exploitable vulnerabilities, before actual breaches are attempted by malicious actors.
- Assess effectiveness and tune performance of the SOC's implemented security defenses over time and after changes.
- Reduce time to identify, remediate, and re-test vulnerabilities by integrating test findings into existing SOC processes.
- Overcome challenges of hiring enough diverse talent to deal with surges in security testing needs.
- Monitor programmatic improvements and identify areas for continued investment.

How Synack complements SOC team optimization efforts

- The SRT complements security auditor or operator scheduled compliance assessments with scalable on-demand access to security testing researchers throughout the year.
- Synack enables proactive testing (before vulnerabilities are exploited by malicious actors) by validating and optimizing SOC detection and prevention capabilities.
- Synack findings are integrated with SOC monitoring tools and processes to ensure coordinated workflow.
- Efficiently blends the benefits of full time in-house or dedicated SOC resources with the diverse perspectives of a team of vetted security testing talent to meet surges in demand.
- Allows SOC operators and analysts to identify gaps in security detection and prevention capabilities and through re-testing by SRT to prove that remediation efforts are successful.
- Provides a manageable and repeatable security testing process to facilitate continuous posture improvement.

Sample SOC Optimization Workflow



To learn more about the Synack Premier Security Testing Platform contact us at info@synack.com.