



DATASHEET

NuSummit Cybersecurity's DevSecOps Services



Navigating the Threat Landscape: Gaps and Challenges

Organizations today face a critical challenge: delivering software rapidly without compromising security. The 2021 OWASP Developer Survey revealed a concerning statistic - only 41% of developers feel adequately trained in security practices.

Traditionally, security has been an afterthought, often addressed at the end of the development cycle. This approach, rooted in the waterfall model, leads to two major problems:

- Delayed product delivery
- Deployment of potentially vulnerable applications

DevSecOps offers a solution by integrating security throughout the development process. This approach augments collaboration between security and development teams, enabling real-time identification and resolution of security issues.

At NuSummit Cybersecurity, we support organizations at all stages of DevSecOps maturity:

- Those transitioning from waterfall to agile methodologies (no DevOps to DevOps)
- Organizations with established DevOps practices looking to evolve into DevSecOps.

Our tailored approach ensures that security becomes integral to your software development lifecycle, regardless of your current maturity level.

Key Services

Assessment

- Conduct a comprehensive assessment of the current development process and document the challenges with current methods.
- Define the scope to determine the outcome after moving to DevOps/ DevSecOps.
- Understand the technology stack for applications and tools used within the organization for SDLC.

Implementation

- Seamless incorporation of security tools for SAST, DAST, and SCA.
- Integration of logging and monitoring tools into CI/CD pipelines.
- Early detection and remediation of vulnerabilities.
- Orchestration of security into the DevOps process.
- Acceleration of DevSecOps transformation.

Transform

- Help clients move through the advanced maturity level with automation.
- Actively partner with the client to build a robust pipeline.
- Enable gateway checks and build failures for critical issues.
- Adapt and scale based on feedback and business requirements.

Why NuSummit Cybersecurity?



Ongoing support



250+ certified security professionals



Integrate over 30+ tools as a PoC for SAST, DAST, and SCA



Unparalleled expertise across all security domains and verticals with top-tier security solutions



Extensive domain knowledge, including product security and tool integration



Customized plugins and scripts to align security infrastructure with business objectives



Code-signing integration in the pipeline to verify the authenticity and integrity of artifacts



Streamline development with integration-ready security scripts for DevSec, AppSec, InfraSec, Reporting, Compliance, and Cloud tools

Case Study

Leading Brokerage Firm



Business Challenge

The client faced challenges managing over 500 applications, including 100 highly critical ones, with 100 releases every fortnight. They urgently needed to automate security checks for these applications. The custom frameworks required specific tool customization, and stringent reporting requirements demanded automated reporting to reduce human error and ensure regulatory compliance.



Business Impact

We integrated a security code review tool into the client's DevOps pipeline, enabling continuous scanning and reporting of vulnerabilities. Using a customized Checkmarx tool and Cx Query language, framework-specific vulnerabilities were accurately identified. Automating change request processes and reporting reduced manual efforts by 75%, significantly enhancing efficiency. Additionally, implementing scripts minimized false positives, speeding up reporting and remediation for more efficient deployment.

Timelines*

Tools	Time	Deliverables
SAST	Three weeks	Tool installation and pipeline integration
Vulnerability Management Automation	Two weeks	Automation and script customization to minimize false positives

*These are tentative timelines; they may change depending on organizational requirements, the tools required, additional plugins, and other factors.

About NuSummit Cybersecurity

NuSummit Cybersecurity helps build and transform cybersecurity postures to enable businesses to mitigate risks. We are a pure-play cybersecurity services company with deep expertise in Identity and Access Management, Risk Advisory, Security Verification, Managed Detection and Response, and Security Engineering services.

Our unique products and services help businesses build and transform security postures while mitigating risks. Our focus is to strengthen security resilience by minimizing the occurrence of attacks, threats, and risks so that you can drive change, innovate, and accelerate growth.

For more information, visit us at cybersecurity.nusummit.com or write to us at cybersales@nusummit.com

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