ZERONORTH

VENDOR SOFTWARE SECURITY
SOLUTION BRIEF

THE TRUST PROBLEM

If you're like most digital businesses, you rely heavily on best-of-breed third-party software to scale, compete and serve customers well. In fact, the average organization interacts with 583 third parties today, many of which provide externally developed software applications—from email and team collaboration tools to customer relationship management (CRM) to enterprise resource planning (ERP) systems. But, as you continue to onboard these best-of-breed tools, your enterprise software ecosystem grows larger, more expensive—and potentially more vulnerable to risk.

A Ponemon Institute study reveals 59% of companies have experienced a data breach resulting in some sort of vendor or third-party error, including attacks against unsecure, third-party software. Considering the speed at which companies are adopting these tools, to improve processes and accelerate digital transformation initiatives, there are not enough hours in the day, people on your team or dollars in your budget to assess the state of security for each new scanning tool you adopt.

To make matters worse, the application security tools you do have to test vendor software don't provide a full picture of third-party risk—they only address specific phases of the software development lifecycle (SDLC). Without this level of visibility across applications and infrastructure, businesses are "only as good as their weakest link" and continue to waste resources trying to simplify application security testing. Unable to keep pace, companies are left carrying too much third-party software risk, which result in data loss, reputational damage and financial burden. It's time for a new approach.

Identify and prioritize vulnerabilities within potentially risky third-party software (i.e., cross-site scripting, SQL and CSRF injection)

Enable security teams to reduce manual triage time, focus efforts more productively and improve remediation response

Gain a single, continuous view of vendor software risk

Find consolidated security scan results and proactive remediation plans powered by predictive analytics

Seamlessly integrate application and infrastructure scanning tools to centrally manage and analyze scan results across the SDLC

Use a mix of open source scanning tools to affordably and effectively assess third-party software security

Finding ZeroNorth

Enter ZeroNorth, the security industry's first provider of risk-based vulnerability orchestration. To minimize third-party risk while maintaining business velocity, supply chain and vendor risk management professionals need a way to accelerate application security. The ZeroNorth solution for Vendor Software Security addresses this need by delivering a comprehensive set of capabilities to test the security of third-party software.

Specifically, ZeroNorth integrates directly with the various commercial scanning tools in place to identify vulnerabilities and risk across the SDLC. In addition, for resource-constrained organizations with little or no application security programs in place, ZeroNorth's platform delivers free-to-use, open source security scanning tools, all embedded directly within the unified platform. These include:

1. OWASP Dependency Check (DepCheck), delivering SCA scanning capabilities to identify known vulnerabilities across open source components
2. Bandit, Brakeman and SonarQube, offering SAST capabilities to uncover known vulnerabilities within developers' code
3. Aqua, Clair and Docker content trust, to identify misconfigurations and software vulnerabilities within containers
4. OWASP Zap, providing DAST scanning for deployed web applications
5. Prowler, to identify misconfigured, or otherwise vulnerable, assets within your cloud infrastructure

ZeroNorth's integrated platform enables application testing at every stage of the SDLC. And, regardless of whether you leverage commercial tools already in place or take advantage of embedded open source scan tools available via the ZeroNorth platform, your organization can gain a comprehensive view of third-party software risk to rapidly pinpoint and address security gaps, while simplifying application security testing to save time, money and resources—all at the speed of business.

Learn how your organization can accelerate vendor security and reduce risk by testing third-party applications at every stage of the SDLC. Contact secure@zeronorth.io for more information or to request a demo.