ZERONORTH™

CASE STUDY

Leading Healthcare Technology Company Makes the Healthy Choice for AppSec with ZeroNorth

As a leading provider of healthcare technology solutions, with tens of thousands of employees worldwide, the company develops and markets diagnostic solutions used by professionals at healthcare facilities around the globe.

Responsible for four product lines, which include a cloud-based platform and associated applications, the Application Security Officer was struggling to effectively manage the disparate tools used to scan for application security vulnerabilities, and then collate the data to derive meaningful analysis. Additionally, he was unable to gain comprehensive visibility across all the product lines to assess and compare security and risk postures and then make informed decisions around software quality and the pace of remediation work.

Given the nature, use and criticality of its healthcare technology products, the stringent HIPAA, GDPR and US DoD compliance requirements, together with the need to ensure competitive advantage and brand reputation, product security is paramount for the organization. The security team therefore sought a solution that would provide the missing piece in their application security program — visibility and management capabilities that would enable them to work collaboratively with the engineering team to confidently deliver secure and compliant products to market.

Finding ZeroNorth

The application security team selected ZeroNorth because it allows them to unify and automatically manage their security tools through a single interface — thereby reducing the complexity of their application security program. According to the Application Security Officer, ZeroNorth provides “the best integration with third party tools and significantly eases automated testing, while other products we evaluated had a lot of gaps in their capabilities.”

At-A-Glance

Challenges

- Managing the disparate application security scanning tools
- Collate scan findings to gain a meaning picture of vulnerabilities and be able to prioritize remediation work
- Visibility of security across all product lines to assess and compare security and risk postures
- Make informed decisions around the quality and pace of remediation progress

Results with ZeroNorth

- Unify application security in a single platform, and remove the complexity and overhead of managing the application security program
- Deliver accurate, consistent visibility and generate operational application security data across product lines
- Gain detailed metrics and reports on the state of application security and pace of remediation
- Facilitate better collaboration with development, and implement a DevSecOps strategy
- Deliver higher quality secure products to market

A Single Source of Truth for Application Security

ZeroNorth is used daily by the application security champions — engineers and architects embedded in the development teams — allowing them to initiate and manage scanning directly from within their CI/CD pipelines. ZeroNorth also provides an overlay to the company's disparate application security tooling—removing noise and compressing vulnerability findings into distilled outputs — to deliver a holistic, consolidated status of application security through its easy-to-view dashboards. With this visibility the security champions can check on the status of application security at any time, compare vulnerability findings across applications and scanning tools, make decisions regarding prioritization of remediation work, and remediate vulnerabilities as an integral part of the DevOps process.

Identify Trends and Surface Risk to Key Business Assets

Beyond the day-to-day benefits, the Application Security Officer is using ZeroNorth to gain a strategic, holistic view of the state of application security and compliance. By integrating ZeroNorth with the company's existing BI tools, via the platform's open API, the Application Security Officer is using ZeroNorth to automatically generate executive reports that are customized to the organization's specific business needs. Using these reports, the Application Security Officer can compare security across product lines and individual products, identify trends and surface persistent problems, and assess risk for critical business assets.

Additionally, the Application Security Officer uses these reports to facilitate a meaningful dialogue and collaboration with the Head of R&D and the security champions around overall progress and prioritization of security vulnerability remediation work, and any changes or developer security training needed to support business outcomes.

Scale the Application Security Program Without the Overhead

The Application Security Officer and his team find ZeroNorth very easy to use, and particularly like the platform's self-service capabilities for onboarding additional applications and scanning tools and for user management. With its visibility, ease of use and efficiency benefits, ZeroNorth has helped the organization scale its application security program, and enabled it to adopt more automated security testing throughout the software development lifecycle — while reducing the management overhead required for implementing and managing scanning tools. Ultimately, "ZeroNorth is helping us deliver better quality products to market," commented the Application Security Officer. To conclude he added, "Working with ZeroNorth is one of the best experiences we've had with a vendor. The ZeroNorth team are really proactive and engaged."

ZERONORTH™ ZeroNorth brings security, DevOps and the business together to improve application security performance and reduce organizational risk. The company's application security automation and orchestration platform unites enterprises to rapidly identify, prioritize and remove the vulnerabilities standing in the way of software excellence. In an age where the security of applications needs to be everyone's responsibility, ZeroNorth is where organizations come together for the good of software. For more information, follow ZeroNorth on Twitter (@ ZeroNorthSec), or LinkedIn—or contact us directly.