Black Duck Newsroom

Synopsys to Showcase New Polaris Software Integrity Platform at RSA Conference

Platform Enables Comprehensive Application Security from Developer to Deployment

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MOUNTAIN VIEW, Calif., Feb. 25, 2019 /PRNewswire/ -- Synopsys, Inc. (Nasdaq: SNPS) today announced it will showcase its new Polaris Software Integrity Platform™ at RSA Conference in San Francisco, March 4–8, 2019. The Polaris Software Integrity Platform brings the power of Synopsys Software Integrity products and services together into an integrated solution that enables security and development teams to build secure, high-quality software faster.

Synopsys' Polaris Software Integrity Platform is a cloud-based platform that simplifies and enables comprehensive application security from developer to deployment through the combination of the Synopsys Code Sight™ IDE plugin and a central analysis server, which share the same powerful analysis engines; a broad set of integrations with popular development and operations tools; and reports, dashboards, and APIs that provide a consolidated view of application security risks. With the Polaris Software Integrity Platform, teams can detect and remediate vulnerabilities earlier in software development, integrate and automate comprehensive security analysis throughout the software development lifecycle (SDLC), and manage application security risks holistically across their application portfolio.

"To effectively secure their applications against increasingly sophisticated attacks, organizations need to employ a combination of security testing techniques at multiple points within the SDLC," said Andreas Kuehlmann, general manager of the Synopsys Software Integrity Group. "But, to maintain the velocity required to be competitive, they also need application security solutions that can match the accelerating pace of software development, can scale, and can integrate seamlessly with their existing development infrastructure. Over the past several years, we have developed a portfolio of differentiated products and services that address the gamut of security testing needs in the market, and with the Polaris Software Integrity Platform we're delivering on our vision to drive synergy and efficiency across these solutions."

According to Gartner, "As DevOps gains popularity for rapid delivery and innovation of new IT-enabled capabilities, concerns about security and compliance increase. Security and risk management leaders must adapt security tools, processes and policies to the DevOps toolchain without slowing the development process."[1]

The benefits of the Polaris Software Integrity platform include:

Early Risk Discovery and Mitigation – The platform helps developers remediate security vulnerabilities early in development, when it is most efficient and cost-effective. The new Code Sight IDE plugin, a key component of the Polaris Software Integrity Platform, extends the power of Synopsys' solutions to the developers' native work environment, enabling them to easily find and fix security vulnerabilities in their code as they write. Initially available for IntelliJ, Visual Studio, and Eclipse, the Code Sight plugin combines the same powerful analysis

engines as the platform's central server with fast incremental analysis, ensuring thorough and consistent results without hindering productivity. Code Sight also provides context-sensitive eLearning modules that help developers fix issues quickly and train them to write more secure code going forward.

Shift Left from Detection to Prevention – the Polaris Software Integrity Platform is the only solution to use the same powerful analysis engines both on a central server as part of the CI/CD pipeline and on the developer desktop for fast, incremental scanning. It enables developers to address vulnerabilities while they are coding and therefore produce a more secure codebase prior to checking it into their repository. This dual workflow significantly increases developer productivity, while the central analysis catches any remaining defects before they can make it to production.

Simple and Flexible Operation – The cloud-based central server of the Polaris Software Integrity Platform provides the flexibility to manage deployments, initiate security scans, analyze results, and coordinate remediation activities using multiple Synopsys analysis engines, such as Coverity and Black Duck, through an intuitive web-based management user interface. The platform also gives teams the flexibility to integrate and automate application security analysis across the SDLC using their existing development and DevOps tools, including Jenkins, Jira, Slack, Red Hat OpenShift, and Kubernetes.

Consolidated Risk Reporting – The Polaris Software Integrity Platform helps security teams view application security risk holistically with consolidated reports and interactive dashboards that combine information from multiple security analysis engines, across their entire application portfolio, with results over time. In addition, the Polaris Software Integrity Platform APIs make it easy for teams to integrate Synopsys security testing results into third-party security and risk reporting solutions.

To learn more, visit the Polaris Software Integrity Platform webpage, read the blog post, and register for the upcoming webinar.

Synopsys will be showcasing the Polaris platform at Booth 1135 in the South Expo Hall at RSA Conference in San Francisco, March 4–8. Register for a complimentary RSA Conference pass with promo code XSU9SYNPSYS.

1. Gartner, Inc. "Integrating Security Into the DevSecOps Toolchain" by Mark Horvath, Neil MacDonald and Ayal Tirosh, October 3, 2017.

About the Synopsys Software Integrity Group

Synopsys Software Integrity Group helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle. Learn more at www.synopsys.com/software.

About Synopsys

Synopsys, Inc. (Nasdaq: SNPS) is the Silicon to Software™ partner for innovative companies developing the

electronic products and software applications we rely on every day. As the world's 15th largest software company, Synopsys has a long history of being a global leader in electronic design automation (EDA) and semiconductor IP and is also growing its leadership in software security and quality solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest security and quality, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at www.synopsys.com.

Editorial Contacts:
Mark Van Elderen
Synopsys, Inc.
650-793-7450
mark.vanelderen@synopsys.com

Liz Samet
Synopsys, Inc.
703-657-4218
elizabeth.samet@synopsys.com

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