FPT Software Improves Software Quality and Security with Synopsys' Coverity® Solution

MOUNTAIN VIEW, Calif., Aug. 20, 2015 /PRNewswire/ -- Synopsys, Inc. (Nasdaq:SNPS) today announced that FPT Software, a large global technology, outsourcing and IT services company headquartered in Vietnam, has adopted Coverity® Enterprise Code Advisor, Synopsys' industry-leading static code analysis solution, to help ensure their client deliverables meet the highest quality and security standards.

FPT Software provides full lifecycle services including software design, development, migration and modernization, following best-in-class processes certified for ISO-9001:2008 and SEI CMMI Level 5. Providing software components for clients' systems often means working with legacy code and architectures that might not have been originally designed for modern interconnected environments. To deliver robust software for diverse environments ranging from embedded devices to enterprise and cloud systems, FPT must constantly improve their tools and processes.

To understand how static analysis tools could help improve their C, C++, C# and Java projects, the Delivery Management Office (DMO) at FPT performed a detailed evaluation of several tools and ultimately decided that Coverity Enterprise Code Advisor was the right choice for them. By helping identify and fix software problems early in the development process, it not only helps FPT improve software quality and security but also helps FPT reduce the cost of addressing those problems later and accelerates code reviews.

"After evaluating a number of options, we determined that Synopsys' Coverity solution would provide the best return on our investment," explained Mr. Do Van Khac, vice president of delivery at FPT Software. "Our evaluation determined that Coverity tools help our developers to be more productive by identifying relevant problems with fewer than 10 percent in both false positives and false negatives. The rich reporting capabilities provide us with real-time insight into emerging trends so we can address problems sooner and minimize schedule risk."

"Coverity Enterprise Code Advisor can help FPT Software maintain consistently high standards in their deliverables," said Ms. Geok-Cheng Tan, managing director at Synopsys. "It's hard enough to develop secure software from scratch. When teams have to work with legacy and third-party components that are not as well understood, automated testing and analysis tools add real value by identifying problems that would never be noticed by a human. Our market-leading analysis technology will enable them to effectively find and manage problems in their architecture, coding, interfaces and testing, thereby improving security, quality and robustness, and maintaining FPT Software's reputation as a premier technology partner in Southeast Asia."

Synopsys entered the software quality and security market with its acquisition of Coverity in the spring of 2014. As an established leader providing the global semiconductor industry with the tools and semiconductor IP needed to design the advanced chips found in today's electronics, Synopsys' products represent more than 400 million lines of code. Synopsys was one of Coverity's first customers because it recognized early on the importance of software quality. Today, Synopsys is focusing on improving the security and quality of software deliverables by integrating sophisticated, accurate analysis technologies into the software development process. Synopsys offers products under the Coverity, Codenomicon and Seeker brands which provide early insight into highly relevant defects, vulnerabilities and threats with actionable remediation guidance and real-time visibility that enable organizations to better manage risk and efficiency.

FPT is the largest IT Company in Vietnam with $1.65 billion in revenue and 22,000 employees, of which FPT Software, one of its subsidiaries, is projected to generate $185 Million in revenue and grow to 10,000 employees in the 2015 fiscal year. With focus on R&D activities to improve the quality of services, FPT has been serving over 350 customers worldwide, of which more than 40 are Fortune 500 in the industries of manufacturing, semiconductors, healthcare, utility, financial services, satellite TV and more. Qualified with CMMI 5 & ISO 27001:2005, FPT delivers world-class services in Mobility, Cloud, Embedded System, Q&A testing, Legacy Migration, Package Implementation, Application Service, and BPO services globally from delivery centers across the United States, Japan, Europe, Australia, Vietnam and other countries in the Asia Pacific.

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 quality and security solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest quality and security, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at www.synopsys.com.

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