ANSYS Simulation Solutions Bolster ARM Energy-Efficient IP For Internet of Things and Cloud Servers

April 26, 2016

PITTSBURGH, April 26, 2015 /PRNewswire/ -- ANSYS (NASDAQ: ANSS) has licensed its engineering simulation software tools to ARM (LON: ARM; Nasdaq: ARMH), the world's leading semiconductor intellectual property (IP) company for power efficiency, performance and reliability. The agreement will aid the ARM ecosystem and ARM® processor technology serving multiple markets including mobile computing, networking infrastructure, transportation and Internet of Things (IoT) applications.

Modern electronic products require high performance and reliability as well as minimal power. This is accomplished by combining multiple sub-systems of an electronic product into one or more integrated circuits (IC) called a system on a chip (SoC). Minimizing power consumption and energy efficiency are critical design requirements for the Internet of Things (IoT) applications.

ANSYS simulation technology will support ARM in its continued development of cutting edge semiconductor IP and the ARM ecosystem partners design reliable and robust semiconductor chips. ANSYS® Redhawk™, ANSYS® Totem™ and ANSYS® PowerArtist™ simulation solutions will help with electrostatic discharge, electromigration, power modeling, analyzing and validating foundation IP building blocks, as well as central processing units and graphics processing unit cores.

"The demand for reliable, robust and power efficient designs increases in a smart connected world as many devices will have to operate in energy-constrained environments," said Brent Dichter, vice president, engineering flows, ARM. "The SoC's design is a key part of the energy-efficiency equation. Giving our semiconductor partners access to our IP through ANSYS' simulation tools enables them to optimize their designs earlier and allow more time to be spent creating competitive products that smooth their delivery path."

"The powerful combination of ARM's IP development expertise with ANSYS simulation tools strengthens ARM's ability to provide world-class energy-efficient IP for various vertical segments of IoT," said Vic Kulkarni, vice president and general manager, ANSYS. "By utilizing ANSYS technology, ARM and its ecosystem partners can design smarter and faster chips for electronic devices more easily."

About ANSYS, Inc.

ANSYS is the global leader in engineering simulation. We bring clarity and insight to our customer's most complex design challenges through the broadest portfolio of fast, accurate and reliable simulation tools. Our technology enables organizations in all industries to imagine high-quality, innovative and sustainable product designs that have an accelerated time to market. Founded in 1970, ANSYS employs almost 3000 professionals, more than 700 of them with PhDs in engineering fields such as finite element analysis, computational fluid dynamics, electronics and electromagnetics, embedded software, system simulation and design optimization. Headquartered south of Pittsburgh, U.S.A., ANSYS has more than 75 strategic sales and development locations throughout the world with a network of channel partners in 40+ countries. Visit www.ansys.com for more information.

ANSYS also has a strong presence on the major social channels. To join the simulation conversation, please visit: www.ansys.com/Social@ANSYS

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