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Press Release

Sonnet[®] V12 races into multi-threading technology

New software release increases analysis speed by up to 30 times

SYRACUSE, N.Y. April 23, 2009 - Leading High Frequency Electromagnetic (EM) Software provider, Sonnet Software, Inc. introduces multi-threaded computing technology in its latest software release 12 (V12), made public in early April, which provides designers with the ability to analyze circuits as much as 30 times faster than in the previous release.

In V12, Sonnet launches two new versions of Sonnet's Electromagnetic analysis engine, **em[®]**: Sonnet Desktop Solver, which is aimed at typical engineering desktop PCs utilizes 2 cores in parallel for analysis time reduction, and Sonnet High Performance Solver engine, which targets high-end dual quad-core workstations , and uses up to 8 cores for 8-way parallel processing for each frequency.

"Primarily, this release is about speed, without compromising accuracy," Shawn Carpenter, Vice President of Sales and Marketing, said. "With Sonnet's Release 12, we successfully reduced the EM analysis and model extraction times, in many cases by a factor of 30 or more, and are making it possible to use EM analysis in more of the core design cycle."

Geometry and circuit structure variables are enhanced in Release 12. Sonnet now permits nearly all geometrical and material properties to be expressed as equations, including frequency variation and dependence on other variables. For example, circuit and substrate dimensions and characteristics (like dielectric constant, thickness and loss) can all be user specified functions of temperature and

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more

frequency. A designer may then conduct a variable sweep over the operating temperature range in a single analysis run and display a family of response curves.

Additional features incorporated in V12 include a new CAD model file translator for Gerber import and export, and user defined hot keys for model editing and post-processing. All new technologies are easily accessed from the major open microwave frameworks: Agilent ADS, Agilent Genesys, AWR[®] Microwave Office[®], and Cadence[®] Virtuoso[®].

Sonnet is a worldwide leader in developing accurate High Frequency EM Simulation Software for microwave and millimeter-wave design engineers and provides the industry standard for 3D planar electromagnetic software.

For more information on SONNET[®] Release 12, or to receive a free evaluation package, visit www.sonnetsoftware.com or call Sonnet Software at 315-453-3096.

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