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For Immediate Release  
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## **Simberian Announces the Release of Simbeor 2007**

### ***Software Extracts 3D Full Wave Models for Transmission Lines and Via Holes***

Seattle, WA — Simberian, Inc., a developer of leading edge electromagnetic software for high-speed and high-frequency electronic design automation, announced today the release of Simbeor™ 2007, the first in industry broadband 3D full-wave transmission line field solver with capabilities to extract via-hole parameters. The new release of Simbeor 2007 allows system designers to accurately generate in minutes transmission lines and via holes models for data rates of 100Gbs and faster. Simbeor 2007 is a fully integrated graphical simulation environment with built-in 3D full-wave field solver for multilayered circuits (3DML solver). The solver ***accounts for losses and dispersion from transitions to skin-effect, skin and proximity effects and metal surface roughness***. Simbeor 2007 ***uses broadband causal dielectric models and accounts for high-frequency dispersion in multilayered dielectrics while extracting causal RLGC per unit length and S-parameter models***. ***Simbeor 2007 produces advanced full-wave models of interconnects for accurate high speed channel analysis***.

Simbeor 2007 allows any company to extend their EDA “toolbox” with a 3D full-wave solver. Due in large part to the high costs of ownership, this has not been an option for most companies previously. Simbeor 2007 with Level 1 features is being released to compliment static and general purpose electromagnetic solvers currently available. Any designer without an advanced degree in computational electromagnetics can quickly learn and use Simbeor 2007. Designers now have an accurate, easy to use and affordable 3DML tool using Simbeor 2007, without the high costs of learning and using a 3D solver, the ongoing maintenance and the difficulties of extracting accurate transmission lines and via holes models.

Simbeor 2007 runs on any computer with Pentium, dual-core or quad-core processor, Windows 2000/XP and compatible OS. ***The annual license for Simbeor 2007 Level 1 software is \$4,500 in the US***. To ensure customer success, Simberian offers free online webinars and training classes, technical product support. Software updates are also included with the annual license of Simbeor 2007.



## ***Company Information***

Simberian, Inc. is a developer of leading edge electromagnetic software for the high-speed and high-frequency electronic design automation. Simberians goal is to build ***advanced, easy to use, and affordable*** electromagnetic solutions, while addressing the critical needs of the interconnect developers. Simberians mission is to help our customers worldwide to push performance limits of high-speed PCBs and multilayered packages to shorten product time to market achieving design objectives more cost effectively and efficiently. For more information, or to test drive the full version of Simbeor 2007 Level 1 contact Rick Yates, VP of Sales and Marketing, at 503-336-4890 email [rick.yates@simberian.com](mailto:rick.yates@simberian.com) or visit the Simberian web site <http://www.simberian.com>.