

Simberian Announces Update Release of Simbeor 2007 with 3D Graphical Editor

The updated version includes new 3D graphical editor and analysis of periodically disrupted interconnects for high-speed data channels

Seattle, WA – January 14, 2008 – Simberian™, Inc., a developer of leading edge electromagnetic software for high-speed electronic design automation, announced today the new update release of Simbeor™ 2007.

Simbeor 2007 has been updated with new 3D graphical geometry editor, analysis of periodic structures, analysis of radiating circuits, mixed-mode and modal multiport parameters and multiple other features and usability enhancements.

Features in Simbeor 2007 software now include:

- Easy-to-use 3D graphical editor for multilayer circuit geometry description and editing tasks
- The industry-first capability to extract modal and per unit length parameters for multilayered periodic structures such as meander lines or serpentine, transmission lines guarded with via-holes, interconnects in areas with periodic cutouts or via-holes or any periodically disrupted interconnect in general
- Absorbing boundary conditions of two types to simulate radiating structures as well as opened circuits
- Mixed-mode and modal multiport parameters
- Touchstone model files can be generated for transmission lines and periodic structures with extracted per unit length parameters
- Roughness model can be specified with the easy-to-measure RMS roughness factor
- New application notes and technical presentations are available at www.simberian.com

Simbeor is advanced and yet easy-to-use electromagnetic tool to build models of multi-gigabit data channels on PCBs. “I think I am going to use Simbeor as a teaching simulation tool as well as a research tool to study PCB structures because Simbeor has user-friendly interface and you provide excellent support for the software” – says Dr. Yi Zheng, Professor and Director of Graduate Program Department of Electrical and Computer Engineering of St. Cloud State University.

For additional information on Simbeor 2007 software, please visit www.simberian.com



Pricing and availability

Simbeor 2007 runs on any computer with Pentium, dual-core or quad-core processor, Windows 2000/XP and compatible OS. Simbeor features are united into two license levels. *US list price for annual node-locked license with Level 1 features is \$4,500, with Level 2 features is \$7,500, and with Level 3 features is \$9,500 . Network or floating licenses are also available.* To ensure customers' success, Simberian offers free online webinars and training classes, technical product support. Software updates are also included with the annual license of Simbeor 2007. For more information on product pricing and availability, contact Simberian at info@simberian.com or +1-206-726-1098. Download Simbeor 2007 for evaluation from www.simberian.com.

Company Information

Simberian, Inc. is a developer of leading edge electromagnetic software for the high-speed and high-frequency electronic design automation. Simberian goal is to build *advanced, easy to use, and affordable* electromagnetic software, while addressing the critical needs of the interconnect developers. Simberian 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.

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For more information, please contact:

Yuriy Shlepnev

Simberian Inc.

Tel. +1-206-409-2368

shlepnev@simberian.com