Simberian News: April 9, 2017

«GreetingLine»

Simbeor THz release 2017.01 (beta version) accelerated with distributed computing is now available. Updated Simbeor THz offers unique capabilities that further increase accuracy of interconnect analysis and productivity of signal integrity engineers. Simbeor THz release 2017.01 has the following new features:

- **Electromagnetic analysis and optimization are accelerated with the distributed grid computing**;
- **New tools for dielectric and conductor roughness model identification**;
- **New broadband models for PCB/packaging composite dielectrics** (multi-pole Cole-Cole, Cole-Davidson and Havriliak-Negami);
- **Uniting measured s2p and s4p models into one sNp model,** to build models with cross-talk;
- **Support for PAM4 signaling**;
- Multiple improvements and enhancements;

Availability: Simbeor THz release 2017.01 is available for customers and evaluation at downloads section together with "What is new in Simbeor THz – Release 2017.01" document. **To accelerate the electromagnetic analysis, a grid of loosely coupled computers on LAN, WAN or in a cloud can be used.** The analysis uses computational agents installed on computers within network or internet access (not a simple batch mode and no HPC cluster is needed). The installation and configuration of a computational grid is very simple - the instructions are provided in the document. Each network license enables analysis parallelization on two computers in a grid (provides about 2 times acceleration on computers with similar configuration).

Simbeor remains the only interconnect analysis tool that is formally and independently validated with the measurements for 28-32 Gbps channels (NRZ). Simbeor offers unique systematic approach to interconnect analysis that is easy to follow and guarantees the analysis to measurement correspondence – see the complete validation guide for Wild River Technology's CMP-28 platform. The other tools are either not accurate or much less productive and much more expensive. See more on validation at webinars #4 and #5.

For more information on product pricing and availability or demo, contact Simberian at info@simberian.com.

Happy spring!
Team Simberian

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