

Simberian News | April 22, 2015

«GreetingLine»

We are happy to inform you that new “THz” version of Simbeor electromagnetic signal integrity software is now available. Simbeor THz offers new unique capabilities that further increase accuracy of interconnect analysis and productivity of signal integrity engineers. Simbeor THz has the following new features:

- **New unique 3D full-wave electromagnetic field solver Simbeor 3DTF™**, based solely on Trefftz finite elements;
- **New test fixture de-embedding** that produces high-quality S-parameter models for PCB interconnects up to 45 GHz on [CMP-28 platform from Wild River Technology](#);
- **IPC-standardized Short Pulse Propagation (SPP) technique** for material model identification is now supported in addition to GMS-parameters;
- **Eye metrics computation** with new Eye Analyzer™ tool (with deterministic and random jitter);
- Multiple improvements and enhancements;

Availability: Simbeor THz is available for customers and evaluation at [downloads section](#) together with “What is new in Simbeor THz” document. Simbeor THz has one installer for all versions – Windows 32 and 64 bit, node-locked and network. It picks up existing network license. If you have node-locked license, the licensing dialog will pop up when you run Simbeor first time – click “Request License File” button and follow the instructions.

Simbeor is the only interconnect analysis tool that is formally and independently validated with the measurements for 28-32 Gbps channels. Simbeor offers systematic approach to interconnect analysis that is easy to follow and guarantees the analysis to measurement correspondence. [Complete validation guide for CMP-28 platform is available here](#). The other tools are either not accurate enough or much less productive. See more at article #2014_05 “[Sink or Swim at 28 Gbps](#)” and [webinar #4](#).

For more information on product pricing and availability or demo, contact Simberian at info@simberian.com or +1-702-876-2882.

**Best regards,
Team Simberian**

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