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Simbeor 2022.02 with unique features has been released. Major addition in this version is SI Compliance Analyzer™ tool for fast and consistent post-layout signal integrity verification with simulation-based electrical rule checking (ERC), basic signal integrity analysis (Fast SI), and advanced 3D EM signal integrity analysis (3D SI). **Completely re-designed extremely fast and accurate PCB geometry conversion into SI models and accelerated field solvers dramatically reduce interconnects compliance analysis time.** ERC analysis of thousands of links, Fast SI analysis of hundreds of links and 3D SI analysis of dozens of links can be done in real time. Analysis of millions of links can be done with the design automation through Simbeor SDK. The new unified user-friendly interface further increases productivity of SI professionals and makes advanced measurement-validated Simbeor technologies available to engineers without signal integrity expertise at unbeatable price range. More automation and productivity features will be released later this year as the development of Simbeor continues – stay tuned!

Here are the highlights of the new release and recent updates of Simbeor 2022 (here are details and instructions on how to use new features):
New SI Compliance Analyzer™ tool with consistent interface to ERC, Fast SI, and 3D SI analyses;
3D View of PCB for inspection of SI defects;
Acceleration with domain decomposition/frontal solver in 3DTF solver;
New functions and Kits in Simbeor SDK - easier ways to build models through JSON format, new kits for advanced pre-layout crosstalk (AdvXTalkKit) and fiber-weave effect analyses (FWE_Kit);
Lua scripting in Simbeor THz for design automation: Possibility to use distributed computing (parallelization) from Matlab or Python scripts;
Other improvements and updates.

New app notes and videos explaining "How Interconnects Work" are available at the App Notes and Demo-Videos sections of our web site.

Simbeor 2022.02 is available for customers and trial. See licensing options and **order Simbeor online** at Prices and Order Form. Annual license price for new Simbeor Verify license is $750 (includes advanced ERC and Fast SI capabilities). For more information visit www.simberian.com or contact Simberian at info@simberian.com.

Best regards,
Team Simberian
Simbeor - Be The SI Expert!™

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