

## Simberian News: March 5, 2024

We are excited to announce the **release of Simbeor 2024.01 with the extensions of the SI Compliance Analyzer** for pre-layout, enhanced post-layout and multi-board electromagnetic compliance analyses. The new version extends and facilitates the automatic compliance validation for most of the serial signaling standards, such as IEEE, OIF, PCIe, etc. You can easily run analysis, check the pass-fail results and view the interactive plots of simulation and compliance results (IL, RL, TDR, PSXT, ICN, ICR, Skew, Delay, etc.) at the location where they are computed directly in a link layout or in schematic. You can also review and create graphical reports of the results from the new Compliance Browser.

**The new Simbeor simplifies the compliance validation process by automating all analysis, validation, and plotting steps for all practical use cases.** That ultimate simplicity allows access to accurate and validated 3D EM analysis of interconnects for any designer of serial interconnects without any SI background. For repetitive tasks, pre- and post-layout **compliance analysis automation** can be also done with the minimal effort and time. For analysis of all serial links on a board, the 3D SI analysis can be easily **accelerated with HPC in a local network or in a cloud.**

With Simbeor 2024.01, you can design and validate your serial interconnects with confidence, and efficiency. **Simbeor 2024.01 is the ultimate universal 3D SI software at the lowest price.** Simbeor 2024.01 is available for customers and trial from [www.simberian.com](http://www.simberian.com). See more on what is new and how to use it at [https://kb.simberian.com/browse\\_item.php?id=1166](https://kb.simberian.com/browse_item.php?id=1166)

Also, do not miss the new “How Interconnects Work...” **application notes on the crosstalk at** <https://www.simberian.com/AppNotes.php>

Thank you for choosing Simbeor – **Be the SI Expert!**

Sincerely,  
Team Simberian

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