

## Simberian News: January 12, 2021

**Simbeor 2021.02 is now available for customers and trials.** It provides unmatched productivity for electromagnetic analysis of serial PCB and packaging interconnects with the analysis to measurement correlation – [watch real time step by step analysis and validation up to 45 GHz on Wild River Technology's CMP-28 platform.](#)

Here are the highlights of the recent updates and new release ([click here for details and instructions on how to use new features](#)):

**Up to 100 times acceleration** of analysis of 3D structures with 3DML solver and fast interpolative sweep without impact on accuracy (same analysis to measurement correlation as before).

**Automatic recognition and model re-use for via-holes and launches** in post-layout de-compositional analysis – extracted viaholes and launches can be further tuned in Via Analyzer or optimized with SiTune.

**Acceleration of geometry import in Board Analyzer and geometry processing in DeComposer.**

**Simultaneous FD and TD analysis of viaholes, launches and other discontinuities**, to see via-hole TDR during the optimization (enabled by improved interpolative sweep).

**Easy back-drilling setup in Via Analyzer.**

**Wizard to unite geometries of PKG breakout, balls and PCB breakout** for modeling as one discontinuity (enabled by the 3DML solver improvements).

**New productivity mode in Simbeor THz** without most of the wizards.

**Multiple new functions in Simbeor SDK** – it now includes everything to automate pre-layout analysis in C/Matlab or Python.

Simbeor 2021.02 is available for customers and trial (see licensing options in [Prices and Order Form](#)). More productivity improvement features will be released this year as continuous deployment of Simbeor 2021 continues – stay tuned!

For more information visit [www.simberian.com](http://www.simberian.com) or contact Simberian at [info@simberian.com](mailto:info@simberian.com).

**Best regards,  
Team Simberian**

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