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New Simbeor 2021.01 is now available for customers and trials. It provides huge boost of SI engineer productivity by substantially reducing interconnect model building time. **Simbeor 3DML solver is accelerated by 50-100 times** on most of PCB/Packaging problems. Here is a quote from a Simbeor customer who tried it first time – "*It runs 9-14s/pt instead of 12-18mins/pt!!!!!!! Unbelievable!!!*"

It is hard to believe indeed – we had same impression when we tested our Frontal Accelerator first time on Wild River Technology's CMP-28 and Infinera's EvR-1 test platforms. EM model building for microstrip launch on CMP-28 took just 7 min instead of 360 min (over 50 times acceleration) and model for microstrip launch on EvR-1 took just 4 min instead of 290 min (over 70 times acceleration). **All that with exactly the same accuracy confirmed with the measurements.** CMP-28 and EvR-1 Kits with the measured data are available on request – **give it a try and compare**.

Memory required to solve a problem with 3DML solver is also reduce by about 4 times – together with the acceleration it enables solving much larger problems in reasonable time (for instance 9 differential vias with all stitching vias in BGA or connector breakout on 24-layer board, multi-layered PKG to PCB transitions,…). Optimization, building solution spaces with thousands of models for design exploration and machine learning as well as automatic post-layout EM analysis can be now done much faster in Simbeor 2021. Problems that required overnight run are solved over tea or coffee break and problems that were solver over lunch are now solved in minutes while you prepare your tea or coffee. **Simbeor 2021 is a breakthrough for us and literally a game changer for SI engineers!**

Accelerated 3DML solver is available with Simbeor Explore and Complete licenses (see other options in [Prices and Order Form](#)) in Simbeor THz, Simbeor Agent (to accelerate it further with distributed computing) as well as in Simbeor SDK (for scripting in C/Matlab/Python). More productivity improvement features will be released this fall as continuous deployment of Simbeor 2021 continues – stay tuned!

For more information visit www.simberian.com or contact Simberian at info@simberian.com.

Best regards,
Team Simberian

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