

PRESS RELEASE

Enhanced performance with major software upgrade CST STUDIO SUITE™ 2006B at EuMW 2006

CST - Computer Simulation Technology will be demonstrating the upcoming release of CST STUDIO SUITE™ version 2006B, including the industry standard 3D EM Time Domain tool, CST MICROWAVE STUDIO®, at booths #307, 309, 406 at EuMW 2006.

Enhanced performance and robustness characterize the Time Domain solver in version 2006B of CST MWS, thanks to the new *Fast PBA mesher* and the new flexible subgridding scheme with drastically reduced memory requirements. Additionally, the transient solver engine will be the first CST MWS module to be made available to run on Linux operating systems.

Alongside increased mesher and solver performance, the Frequency Domain solver has numerous new features and improvements such as the facility to excite structures by plane waves and slanted ports. In order to simulate realistic biasing of ferrites, coupled simulation between CST MWS' high frequency solvers and CST EM STUDIO™'s magneto-static solver has been implemented. The interoperability between the high frequency solvers and the thermal solver has been further improved.

Key New Features:

- Modeler: "Hover Selection", improved interactive selection facilities, faster drawing mechanisms,
- New robust Fast PBA mesher
- New flexible subgridding scheme
- Slanted ports and plane waves in Frequency Domain solver
- Linux version of Time Domain solver
- Hardware acceleration for Time Domain solver
- New Integral Equation solver (MLFMM)
- Improved data exchange with Low Frequency solvers
- Interface with AWR Microwave Office® circuit simulation
- Interface with Mician μ Wave Wizard mode matching code

Availability

The roll out of CST MICROWAVE STUDIO® 2006B is scheduled for Q4 2006. The beta version will be demonstrated at EuMW 2006, booths #307,309,406 in Manchester, UK.

About CST STUDIO SUITE™

The CST STUDIO SUITE™ comprises CST's 3D EM simulation tools: the renowned CST MICROWAVE STUDIO® for high frequency applications, CST EM STUDIO™ for low frequency and statics and CST PARTICLE STUDIO™, for charged particle dynamics, and is rounded off with CST DESIGN STUDIO™ for synthesis and circuit simulation. All programs are accessible through CST DESIGN ENVIRONMENT™ which facilitates coupled simulation.

About CST

CST is one of the two largest suppliers of electromagnetic simulation software and has continuously enhanced its position as market and technology leader in 3D Time Domain simulation. With over 90 employees worldwide and a network of qualified distributors, 130 people are dedicated to the development and support of its EM products in more than 30 countries. Information about CST is available on the web at www.cst.com.

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