

- PRESS RELEASE -

3D EM for Power Integrity Analysis

San Francisco, July 27th 2009, Computer Simulation Technology (CST) announces the introduction of a new CST PCB STUDIO[®] solver module for Power Integrity analysis at DAC, booth #3155.

Engineers working on the design of power delivery networks will benefit from CST's latest addition to CST STUDIO SUITE[™]. The new CST PCB STUDIO[™] Power Integrity solver, based on a special 3D FEM approach, helps calculate accurate impedance profiles within a full 3D simulation, but in a fraction of the time required by traditional 3D solvers.

The PI solver is tightly integrated in the CST design environment and shares the same well-known usability features as the other CST STUDIO SUITE solver modules. It can be integrated easily in various workflows through a set of high quality interfaces which can be used to create 3D models automatically from layout data, including various lumped components. Engineers will use this to verify whether their effective impedance meets the target impedance requirements, taking into account all the additional information and properties of the entire 3D structure, including all possible resonances.

"The EDA market is becoming increasingly important for CST," stated Dr. Bernhard Wagner, Managing Director, Sales and Marketing, CST. "We feel that our well established 3D technology can make a significant contribution to the EDA design cycle."

Availability

The Power Integrity solver will be available in CST STUDIO SUITE[™] 2010 which is due for release in January 2010.

About CST

CST develops and markets high performance software for the simulation of electromagnetic fields in all frequency bands. Its success is based on the implementation of unique, leading edge technology in a user-friendly interface. CST's customers operate in industries as diverse as Telecommunications, Defence, Automotive, Electronics, and Medical Equipment, and include market leaders such as IBM, Intel, Mitsubishi, Samsung, and Siemens. With 160 employees worldwide and a network of qualified distributors, over 190 people are dedicated to the development and support of its EM products in more than 30 countries.

CST's flagship product, CST MICROWAVE STUDIO® (CST MWS) is the market leader in Time Domain simulation. It enables the fast and accurate analysis of high frequency (HF) devices such as antennas, filters, couplers, planar and multi-layer structures and SI and EMC effects. CST MWS can offer considerable product to market advantages such as shorter development cycles, virtual prototyping before physical trials, and optimization instead of experimentation.

Further information about CST is available on the web at <http://www.cst.com>.

###

For further information please contact:

Ruth Jackson, Marketing Communications, CST

Tel: +49 6151 7303-752

Email: info@cst.com, Web: <http://www.cst.com>