PRESS RELEASE

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New Product Release: ApsimZoDisplay

San Jose, California-August, 2008. Applied Simulation Technology is announcing the release of its newest Signal Integrity and EMI tool, ApsimZoDisplay. ApsimZoDisplay is designed to quickly analyze PCB, IC Design and IC packaging layouts for impedance discontinuities. For high speed designs impedance discontinuities can cause Signal Integrity and EMI issues. The complexities of modern layout design make finding these a tedious task. ApsimZoDisplay greatly simplifies this task.

The program imports the original CAD data into Apsim's AAIF format and then performs analysis on the design. Etching and frequency dependent parameters including magnetic material are considered. The program can be integrated with Apsim's SI simulators for full Signal Integrity and EMI analysis.

The unique capability of ApsimZoDisplay is to analyze the layout considering imperfect ground and power patterns. The software quickly computes single ended, differential impedances and S-parameters. Slits and co-planar structures due to power partitioning and ground breaks are considered. The resulting visual color maps quickly and accurately identifies the impedance discontinuities along the signal traces.

The software has a built in 2D+ field solver which can consider single non-coupled vias. Optional features include a built in transmission line simulator which can perform more sophisticated SI analysis, including outputting the S-parameters or SPICE models. TDR of any selected signals (single ended or differential) can automatically be done with this feature as well.

Applied Simulation Technology is an EDA industry pioneer in the area of Electromagnetic modeling, extraction and simulation. The company was established in 1996 to offer Engineers novel but accurate solutions to tough Electromagnetic problems. Apsim's products are used world wide for the electrical design and analysis of IC packages and PCB.

The product is available on the Windows XP and Vista operating systems. For more information contact:

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