- PRESS RELEASE -

Optenni Lab 3.0 Now Available Through CST Sales Channels

Darmstadt, Germany, July 17, 2014, Computer Simulation Technology AG (CST) announces the availability of Optenni Lab 3.0 through the worldwide CST sales network. The new release sees a tighter integration between Optenni Lab and CST STUDIO SUITE®, streamlining electromagnetic simulation and matching circuit optimization into one, easy-to-use workflow.

Optenni Lab is a tool used for matching circuit generation and antenna analysis. The latest version introduces new features alongside performance improvements, making the antenna design process easier and more versatile.

The main new features in Optenni Lab 3.0 are:

- Improved link to CST STUDIO SUITE, including new post-processing templates that enable the optimization of matching circuits by Optenni Lab within a parameter sweep or optimization loop in CST MICROWAVE STUDIO®.

- Optimization of frequency tunable matching circuits. The optimization of matching circuits that contain eg. tunable capacitors, impedance tuners and switchable elements to support frequency tunable matching circuits, is now possible.

- Real-time connection to network analyzers. With this connection, real-time optimization of matching circuits using measurements from certain Agilent and Rohde&Schwarz network analyzers can be completed and the bandwidth potential and electromagnetic isolation calculated.

Availability

Optenni Lab 3.0 is available immediately through CST sales channels. Customers with an active maintenance contract can download Optenni Lab 3.0 from https://www.cst.com/Support/Download/OptenniLab

About CST

Founded in 1992, CST offers the market's widest range of 3D electromagnetic field simulation tools through a global network of sales and support staff and representatives. CST develops CST STUDIO SUITE, a package of high-performance software for the simulation of electromagnetic fields in all frequency bands, and also sells and supports complementary third-party products. Its success is based on combination of leading edge technology, a user-friendly interface and knowledgeable support staff. CST's customers are market leaders in industries as diverse as telecommunications, defense, automotive, electronics and healthcare. Today, the company enjoys a leading position in the high-frequency 3D EM simulation market and employs 240 sales, development, and support personnel around the world.

CST STUDIO SUITE is the culmination of many years of research and development into the most accurate and efficient computational solutions for electromagnetic designs. From static to optical, and from the nanoscale to the electrically large, CST STUDIO SUITE includes tools for the design, simulation and optimization of a wide range of devices. Analysis is not limited to pure EM, but can also include thermal and mechanical effects and circuit simulation. CST STUDIO SUITE 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 https://www.cst.com.

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