



RSoft Design Group Introduces Photonic Component Design Suite 8.1

New Version Features an Updated Material Editor with Solar Cell and Multiphysics Utilities.

August 6, 2008 – Ossining, NY – RSoft Design Group, the leading company in photonic design automation software is pleased to introduce the RSoft Photonic Component Design Suite 8.1, boasting many new features including an updated Material Editor and database, a Solar Cell Utility, and a Multi-Physics Utility that can include effects from electrodes, heaters, stress, and carrier effects. These new features and options will greatly enhance photonic design applications, including emerging photovoltaic thin film and polymer technologies.

A significant highlight of the Component Design Suite is an updated Material Editor and database where complex material models can be created. The database contains several useful built-in materials, but also allows users to add custom user-defined materials. These materials can be shared between multiple design files and different users to further simplify the design process.

Version 8.1 includes several new additional utilities such as a Solar Cell Utility, which simplifies the design and optimization of solar cell geometries. The simulation of the absorption spectra of the device is performed either with RSoft Design Group's FullWAVE or DiffractMOD simulation packages. The new utility computes device performance information such as J-V curves, quantum efficiency vs. wavelength, shadowing, and overall cell efficiency. Other new options include a new Multi-Physics Utility that incorporates the effects of electrodes, heaters, stress, and carrier effects on the refractive index profile used in simulation. Each of these utilities can be obtained separately. Please contact RSoft Design Group for further details.

“With the new RSoft Component Design Suite 8.1, RSoft is on the cutting edge of the demands of the optoelectronic industry,” states Robert Scarmozzino, CEO RSoft Design Group. “Our dedication to providing the latest design and simulation software to manufacturers is certainly demonstrated with this latest release and we will continue to be instrumental to the design process, especially the fast moving photovoltaic industry where research and development is critical to the global environment and economy.”

For more information on the new RSoft Photonic Component Design Suite 8.1, please visit us at ECOC in Brussels, Belgium, September 22-24, 2008, booth 212, contact us at info@rsoftdesign.com, or visit our website at www.rsoftdesign.com.

About RSoft Design Group, Inc.

RSoft Design Group is the worldwide leader in photonics design automation software and serves several industries including optical communication, optoelectronics and semiconductor manufacturing. Within optical communications, RSoft Design Group, Inc. is the only company to provide a full range of design, optimization and planning software for the entire component- to network- level hierarchy. RSoft also provides design tools for passive and active optoelectronics components and subsystems as well as advanced electromagnetic modeling software for optical metrology and lithography. RSoft Design Group, Inc. is a privately held corporation with offices in the US, Japan and Europe and supports over 10 distributors worldwide.

© 2008 RSoft Design Group, Inc. All rights reserved.

Media Contact:

LuAnn Scarmozzino, Vice President
RSoft Design Group, Inc.
luann_scarozzino@rsoftdesign.com
www.rsoftdesign.com