



RSOFT DESIGN GROUP ANNOUNCES MIXED-LEVEL SIMULATION TECHNOLOGY FOR DESIGNING VCSELS AND NEXT-GENERATION OPTICAL SYSTEMS

New Software Platform Created for Networking and Telecommunications Industry Through Collaboration with Agilent Technologies

January 13, 2005 – Ossining, NY -- RSoft Design Group, Inc., the global leader in photonics simulation software, today announced a new mixed-level simulation software tool technology created through collaboration with Agilent Technologies Inc., the world's largest manufacturer of fiber optic transceiver modules.

RSoft's design engagement with Agilent Technologies' Fiber Optic Products Division produced a new tool platform that allows direct extraction of VCSEL (vertical cavity surface emitting laser) parameters from one level to the next. The software was created by interfacing RSoft's system level *OptSim 4.0* and active device level *LaserMOD 2.0* simulation platforms. Designers can now simulate new devices, examine their performance in a system, and export equivalent circuit models for use with SPICE3, PSpice, ADS, Virtuoso Spectre, and Hspice without the costly delay of calibrating and fitting incompatible models.

This comprehensive design and simulation solution meets Agilent's stringent requirements for an end-to-end design flow for VCSELS and VCSEL-based optical interconnect solutions. By using RSoft's software, Agilent is able to speed up its design cycles, make its products more robust, and reduce development costs. Agilent is using this advanced design flow for its semiconductor lasers, integrated circuits, and systems that will be used in next-generation 10 Gb/s optical interconnect solutions.

"Our advanced optical transceiver technology requires the optimization of the VCSEL device designs together with the integrated circuit and system design, said Chris Kocot, master scientist for Agilent's Fiber Optic Products Division in the Semiconductor Products Group. "RSoft is the only company that offers a simulation solution to address our design flow requirements across these different domains."

"We have a long history of working with Agilent Technologies to meet their simulation and design requirements and those of their customers," said Robert Scarmozzino, CTO of RSoft. "We are excited to be collaborating with them again to address their mixed-level design flow requirements for optical interconnect products. This fits well with our vision for an integrated design flow across both the photonic and electronic domains."

RSoft Design Group will be exhibiting their software at Photonic West in San Jose, January 25-27, 2005, booth# 5032.

About Agilent's Fiber Optic Component Solutions

Agilent Technologies is the world's leading provider of fiber optic components. Agilent offers the broadest portfolio of transceivers, addressing industrial, enterprise, storage, metro and long-haul applications. Agilent's patented manufacturing and testing procedures produce the industry's most reliable devices, and the company's support and order fulfillment organizations provide unmatched service and delivery worldwide. More information is available at www.agilent.com/view/networking.

About RSoft Design Group, Inc.

Offering a comprehensive suite of design and business analysis software solutions to the telecommunications, photonics, and semiconductor industries, RSoft Design Group is the only company that provides a full range of simulation and planning software and services across the entire component to network-level hierarchy. The company's award-winning products are used by researchers, manufacturers, systems integrators, and service providers to address design challenges ranging from the physics of component design to the business implications of planning networks. RSoft Design Group, Inc. is a privately held corporation with software development offices across the United States, and global marketing operations in the Pacific Rim, Europe, and other worldwide locations.

For further information about mixed-level simulation, and other design solutions, please visit RSoft's website: www.rsoftdesign.com.

© 2005 RSoft Design Group, Inc. All rights reserved. RSoft, *LaserMOD*, and *OptSim* are trademarks of RSoft Design Group, Inc. All others are properties of their respective holders.

Media Contact:
RSoft Design Group, Inc.
+1 914-923-2164
info@rsoftdesign.com