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OIF's *StatEye* Focuses on High-Speed Channel Compliance

Open Source Software Supports Current CEI Specs

FREMONT, CA — July 17, 2007 — System vendors seeking to prove channel compliance with the Optical Internetworking Forum's (OIF) Common Electrical Interface (CEI) have a new tool: StatEye, a free open-source software package. StatEye software provides a definitive method for analyzing high-speed channel interconnections, and now includes native support of the CEI standard. CEI defines specifications for serial signaling and channels in chip-to-chip and board-to-board applications up to 11 Gbit/s and requires mathematical analysis for determining channel compliance. Analysis using the StatEye software can demonstrate that a channel meets the specified minimum performance profile to ensure interoperability of the link. StatEye now includes a Graphical User Interface and Extensible Markup Language (XML) framework for data entry to create a simple user environment.

"OIF recognized the need for software to support our CEI channel compliance approach. StatEye, which is an open source software package, is the ideal tool to provide the basis for this. The OIF obtained the services of an outside company for StatEye enhancements to provide native support for CEI channel compliance and provide an improved user interface," said David Stauffer of IBM, and the OIF's Physical and Link Layer Working Group chair. "These StatEye enhancements complete the OIF's CEI project and make CEI channel compliance analysis a simpler and more reproducible process."

The StatEye software has been successfully tested by silicon, connector, and board designers. Consequently it is expected to improve the interoperability across these related disciplines involved in implementing a complete CEI data link.

The StatEye open source software documentation is available at http://www.oiforum.com/public/Software_Tools_v.4.2.3.html or www.stateye.org. More information on the OIF's CEI specification is available at <http://oiforum.com/public/impagreements.html>.

About the OIF

Launched in April of 1998, the OIF is the only industry group uniting representatives from data and optical networking disciplines, including many of the world's leading carriers, component manufacturers and system vendors. The OIF promotes the development and deployment of interoperable networking solutions and services through the creation of Implementation Agreements (IAs) for optical, interconnect, network processing and component technologies, and optical networking systems. The OIF actively supports and extends the work of standards bodies with the goal of promoting worldwide compatibility of optical internetworking products. Working relationships or formal liaisons have been established with the IEEE 802.3, IETF, ITU-T Study Group 13, ITU-T Study Group 15, IPv6 Forum, MFA Forum, MEF, MVA, ATIS OPTXS, ATIS TMOC, Rapid I/O, TMF, UXPi and the XFP MSA Group. Information on the OIF can be found at www.oiforum.com <http://www.oiforum.com>.