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For Immediate Release

Digital Lightwave Introduces Network Impairment Observer (NIO) Test Management Software Monitor, Control and Manage Multiple Test Devices in Real Time

CLEARWATER, Fla. (MARKETWIRE)--October 21, 2009 – Digital Lightwave®, Inc. (OTC BB: DIGL.OB), a leading provider of optical networking test equipment and technology, today announced the Network Impairment Observer (NIO) software. The NIO application, the key element in a Managed Test System, allows users to monitor, control and manage up to 30 Digital Lightwave, Inc. NIC products (NIC 2.5G, NIC 10G, NIC NXG, NIC GigE, NIC Plus, NIC EP).

Using NIO, a single user can monitor the status of multiple NICs simultaneously, view detailed reports of alarms and errors, and can set up thresholds for automatic alerts. NIO provides a snapshot of network health in real time, allows the user to correlate alarm and error indications and enables faster troubleshooting, reduces downtime and reduces the cost of network maintenance.

“NIO fills a need that our customers have requested for a long time,” said Mike Botham, Director of Engineering at Digital Lightwave. “Our NIC products are broadly deployed in networks around the world. Adding the capability of correlate alarms and errors in multiple locations can greatly improve the speed and accuracy of troubleshooting, resulting in significant time and money saved.”

Alarms can be filtered by user-assigned severity levels – minor, major and critical. Errors can be filtered by user-assigned error-rate thresholds. The user interface includes advance sorting and filtering so that the user can display exactly the information desired. At the click of a button, a Remote GUI can be launched for any NIC that is connected, enabling full control of any NIC product remotely. See the NIO software, along with the complete line of Digital Lightwave network test equipment and technology, at Supercomm 2009 in Chicago, Oct. 21-23.

About the NIC

Digital Lightwave's portable Network Information Computers® (NIC) are software-based, modular products that combine a multitude of test functions in a single integrated solution, including SONET/SDH/OTN rates from 51Mbps to 43Gbps with VCAT, LCAS and GFP, Ethernet 10/100/1000BaseT, GigE, 10GigE, 100BaseFX, Fibre Channel and PDH/T-Carrier testing.

About Digital Lightwave

Digital Lightwave, Inc. provides the global communications networking industry with products, technology and services that enable the efficient development, deployment and management of high-performance networks. Digital Lightwave's customers rely on its offerings to optimize network performance and ensure service reliability. More information is available at www.lightwave.com

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