

StrataLight Provides 40-Gigabit Transport Equipment For 'World's Fastest IP Network Connection'

CAMPBELL, Calif, May 26, 2004 – StrataLight Communications announced that its 40-Gigabit optical transport equipment was used during Cisco System's CSR-1 product unveiling event on May 25th at the Computer History Museum in Mountain View, California. A 40-Gigabit per second Internet Protocol (IP) link interconnected two Cisco CRS-1 core routers over MCI fiber, demonstrating the fastest ever inter-city IP transmission. StrataLight's equipment provided the 40-Gbps optical link between two of the new Cisco routers.

In this 'fastest IP network' demonstration, two of Cisco's new CRS-1 core routers were located within MCI Points of Presence in San Francisco and San Jose, California. The routers, both equipped with short-reach 40-Gbps OC-768c optical client interfaces, were interconnected over MCI fiber facilities using StrataLight OTS-4000 Optical Terminal Subsystems in conjunction with Cisco ONS 15454 SONET MultiService Transport Platforms, which provided optical amplification.

StrataLight's OTS-4000 provided the full-duplex 40-Gbps OC-768c optical connection, utilizing a single wavelength in each direction. The StrataLight 40-Gbps optical signal fit into single 10-Gbps DWDM channels in the Cisco ONS 15454.

"This demonstration proved the ease of scalability of existing core optical networks with minimal capital outlay." said Terry Smith, CEO of StrataLight. "The OTS-4000 provides a 40-Gbps upgrade for 10-Gbps core networks, making it easier for carriers to take full advantage of Cisco's CRS-1 with its OC-768c interfaces, in preparation for converged applications such as video and voice over IP."

About the StrataLight OTS-4000

The StrataLight OTS-4000 is the industry's first 40-Gbps optical transport capability that allows 40-Gbps optical signals to be retrofit into 10-Gbps optical channels. StrataLight has developed proprietary lightwave modulation technology that narrows the spectral width of 40-Gbps signals so that they are interchangeable with 10-Gbps signals on existing fiber transport systems. This allows the upgrade of worldwide core network capacity, directly improving the economics of carrier's long-haul, regional, and metro networks. StrataLight has not announced its OEM partners at the time of this release.

About StrataLight

StrataLight Communications, Inc. is a venture capital backed private company, located in Campbell, CA. For more information, go to: <http://www.stratalight.com>

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