Nistica Brings Flexible, Intelligent Optical Subsystems to the Network Edge

Company debuts today, launches FLEDGE Series devices to ensure cost-effective, automated delivery of IPTV, VOD, business Ethernet services

BRIDGEWATER, NJ. June 5, 2006 -- Nistica, an optical subsystems developer, will debut during GLOBALCOMM 2006 and launch an evolutionary product suite, its *'FLEDGE'* series of optical subsystems for the network edge, in a whisper suite near the exhibitor floor.

Nistica is the first company to develop a new class of intelligent, low-cost, flexible subsystems to automate the edge of service provider networks. These subsystems help simplify the deployment and reconfiguration of optical capacity between growing broadband access networks and high-powered optical core networks.

"We are bringing this new class of products to market because the network edge demands flexible, intelligent optical power at a fraction of traditional core ROADM costs," states Nistica CEO Ashish Vengsarkar. "We're already engaged with incumbent vendors who are poised to optimize performance for new service delivery in the carrier and cable networks. Nistica delivers zero-touch provisioning and wavelength management to traditional MSPP and optical transport systems vendors, at cost levels that make it affordable to widely deploy ROADM technology in the distributed edge environment."

The newly unveiled Nistica FLEDGE series of flexible, intelligent optical edge subsystems maintains high optical performance levels while delivering up to 80% lower first costs than those of comparably functioning systems. The FLEDGE products being launched during GLOBALCOMM week include:

- **FLEDGE THREE:** is a hitless tunable filter provides low-cost replacement for current fixed optical add-drop devices (FOADMs) that are limited by wavelength specificity and long lead times.
- **FLEDGE TEN:** is an edge ROADM module able to add-drop up to eight wavelengths from the entire C-band of the optical spectrum is ideally suited for low-cost, low-capacity add-drop applications where remote activation of services and networks scalability is critical.
- **FULL FLEDGE:** is an edge ROADM module able to add-drop up to 16 wavelengths from the entire C-band is targeted for higher bandwidth locations in the edge network where carriers expect to use more than eight wavelengths, but need a low-cost scalable solution today.

"Nistica is the first subsystems player we've seen to announce an edge ROADM product suite, and, in our view, the timing matches emerging market needs," describes Michael Howard, principal and co-founder of Infonetics Research. "The network edge presents a new, different, and more cost sensitive set of ROADM requirements. Nistica has an architecture designed around delivering essentially core ROADM technology to the edge network at a fraction of traditional ROADM cost."

The Nistica FLEDGE products are characterized by sharp filter edges, flat tops and low optical insertion losses, allowing graceful growth of bandwidth at line rates of up to 40 Gbps. All devices are available with optional channel monitoring and variable power control features. Prototypes have been tested in more than ten customer labs and are being designed into the next generation of automated edge solutions by industry-leading OEM vendors.

About Nistica

Nistica is the first optical networking company to develop a new class of intelligent, low-cost subsystems for automating the edge of service provider networks. Nistica helps systems vendors and carriers simplify the deployment and reconfiguration of optical capacity between their growing broadband access networks and their high-powered optical core networks. Formed in January 2005 by optical networking experts, Nistica is funded by PA Early Stage, Technology Venture Partners, William Cadogan and other individual investors, and has numerous patents pending on its products, methods of development and software algorithms. For more information, go to www.nistica.com.