



PalmettoNet

PalmettoNet is the largest provider of digital fiber optic networks in the Carolinas. A carrier's carrier with over 3,100 fiber route miles, PalmettoNet leases capacity to prominent telecommunications carriers who provide interstate, intrastate, and interchange service.

BUSINESS ISSUE

As a major fiber optic transport company offering a full range of SONET and Ethernet facilities, PalmettoNet wanted to extend its high-speed network to keep up with growing demand.

At the same time, PalmettoNet needed to respond to its customers' varying communications requirements for high-capacity bandwidth without exceeding its own stringent cost guidelines or endangering its reputation for reliability.

PalmettoNet's outstanding success has been a result of its commitment to fast service provisioning. To enhance this quality and further reduce its service provisioning interval, PalmettoNet needed a system that could provide rapid network planning and service velocity.

MERITON SOLUTION

PalmettoNet carefully evaluated a number of options for extending its network capacity, and found that Meriton's 6400 OTP (Optical Transport Platform) was the key to a successful expansion, proving much more cost-effective than adding new channels to its existing DWDM systems.

Configured in multiple ring and linear networks, over 30 deployed 6400 OTP nodes are equipped with multiple wavelengths at varying bandwidth rates of OC48, OC192, and Gigabit Ethernet (Gig E) over 550 route miles.

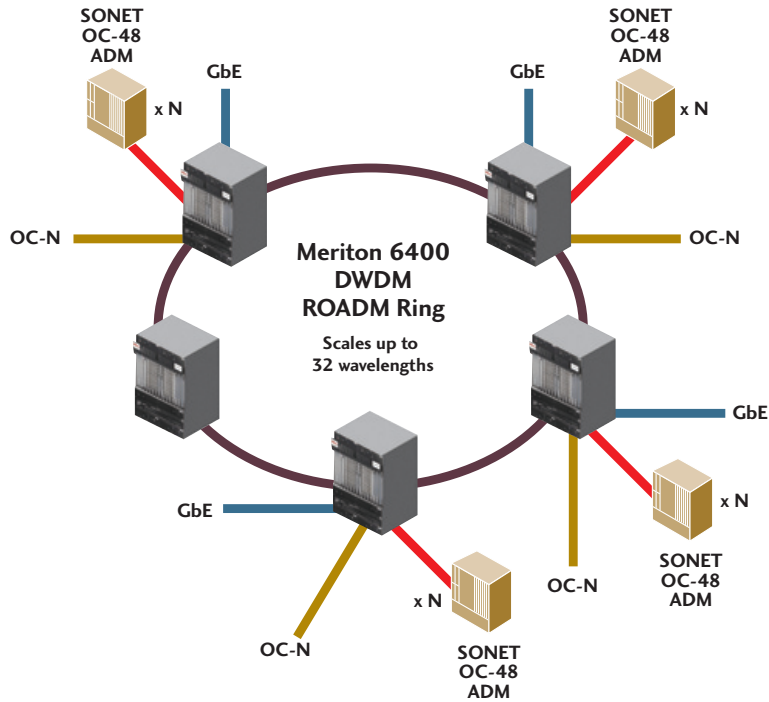
BENEFITS

- CAPEX savings — Deploying 6400 OTP systems is less expensive than adding channels to existing DWDM systems
- OPEX savings — Meriton's one-time engineering allows PalmettoNet to expand its network without having to do re-engineering. By combining companion technologies like a fully automated network planning tool and fully tunable C-band lasers, the 6400 OTP can be provisioned remotely. In minutes, and from any location, PalmettoNet can configure its optical network, eliminating costly truck rolls and reducing operating expenses.
- Service velocity — PalmettoNet's carrier customers want new services up and running quickly, and the 6400 OTP allows PalmettoNet to support its changing requirements rapidly and cost-effectively
- Flexibility — Meriton's ADM-on-a-Wavelength™ technology provides cost-effective reconfigurable DWDM channels that permit PalmettoNet to add/drop any data service to any node and wavelength in its optical network

TESTIMONIAL

“On-Time’ service delivery and reliability are cornerstones for PalmettoNet, and the Meriton 6400 OTP allows us to deliver on those promises while offering our customers the most advanced telecommunications technology available,” said Joe Moss, chief engineer for PalmettoNet. “Today’s carriers require fast, dynamic access to high-capacity bandwidth, and the 6400 OTP enables us to turn up new services quickly and easily.”

Sample Meriton Equipped PalmettoNet Network



ABOUT MERITON NETWORKS INC.

Meriton Networks Inc. has developed the industry’s first unified end-to-end Agile Optical Networking (AON) architecture, a crucial element for carrier and enterprise migration to next-generation IP services networks. A flexible, scalable, future proof infrastructure capable of multi-service, multi-topology support, the Meriton AON architecture equips telecommunications networks with the capabilities needed for the Broadband Revolution, including rapid service deployment with one-time node engineering and zero-touch, automated provisioning under a unified control plane. With metro access, metro core and regional extension products, all fully managed by a best-in-class suite of network planning and management tools, Meriton Networks gives network operators a single source for the rapid, cost-effective delivery of high-speed services.

www.meriton.com
info@meriton.com

Corporate Headquarters 3026 Solandt Road Ottawa, ON, Canada K2K 2A5 T: +1.613.270.9279 F: +1.613.270.9628 Toll Free: +1.866.270.2007	United States 20 Corporate Place S. Piscataway, NJ 08854 T: +1.732.465.1000 F: +1.732.465.1010	Europe Regus House 1 Friary Temple Quay Bristol, BS1 6EA UK T: +44.(0)117344.5028 F: +44.(0)117344.5208	Asia Pacific 3302, Lippo Centre Tower 2 89 Queensway Admiralty, Hong Kong SAR T: +852.2150.1328 F: +852.2150.1388	POSCO Center Building West Tower 11th Floor 892 Daechi 4-dong, Kangnam-gu Seoul 135-777 South Korea T: +82.2.559.0695 F: +82.2.559.0700	Caribbean and Latin America 6228 Indian Meadow S. Orlando, FL 32819 T: +1.407.924.5666 F: +1.613.270.9628
--	--	---	---	---	--

Meriton Networks, the Meriton Networks logo, MeritonCare, Out-of-the-box WDM, VersiColor, VersiNET, Mix and Match Optical Layer Protection, and ADM on a Wavelength are registered trademarks of Meriton Networks Inc. Other trademarks that may be used in this document are property of their respective owners.