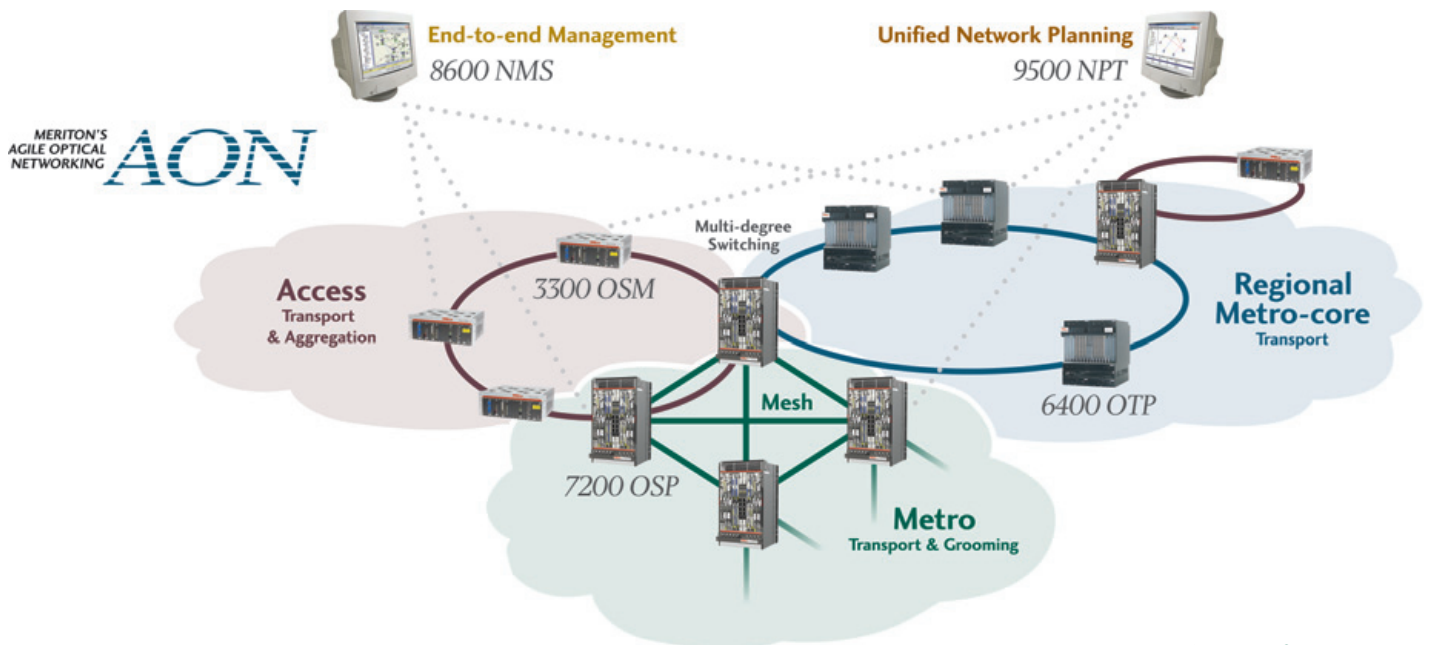




Agile Optical Networking for the 21st Century

Service providers foresee a revolutionary change in their business models. The new broadband consumer demands access to multi-megabits of bandwidth as well as personal control over multimedia content. Add to this the continuing growth of high speed, high bandwidth, mission-critical business interconnect services, and smart service providers are rethinking their network architectures.

Service providers must decide today how they are going to transition their static PSTN-centric infrastructures to agile, converged networks, capable of scaling and adapting to user demands that are still uncertain and regulatory environments that continue to evolve.



Meriton's Agile Optical Networking portfolio comprises the 3300 OSM at the access layer, 7200 OSP for multi-degree switching in the metro core and the 6400 OTP for flexible transport in metro core-regional networks, all supported by unified network planning and management systems.

Metro optical networking, which connects the access layer (residential or enterprise) to the service creation layer, is a key focus of this network transition. Traditionally built as a static transport fabric, the metro's purpose was to support PSTN traffic or narrowband enterprise-interconnect – a low risk business model where revenue streams were predictable. Clearly, predictability is a thing of the past. As service demands change, the access layer will change, placing unprecedented pressure on the optical layer. Service providers must transition their metro optical networks to a new infrastructure capable of flexibly supporting rapid service deployment, high bandwidth requirements, and minimal service disruption – while driving cost out of the network.

Meriton Networks has a vision for meeting the demands of this new world of optical networking – Agile Optical Networking.

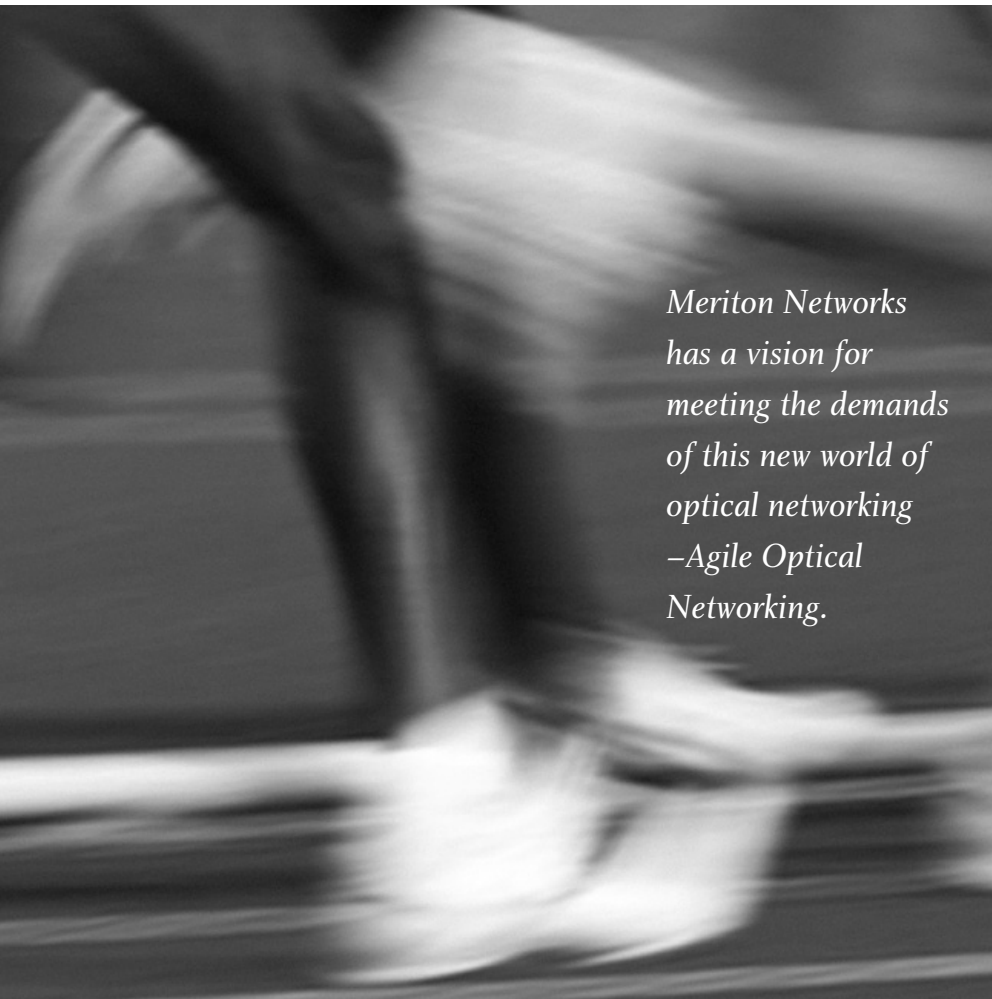
Agile Optical Networking understands that today's investment decisions must be based on a service provider's "go forward" business model. This model demands multi-mission support capability for residential and enterprises services

and agility in terms of flexible configuration and topology mix to meet new multimedia content delivery of IPTV and video-on-demand and business interconnect services such as storage area networking. Further, this business model is critically dependent on advanced optical planning tools that lower the cost of deployment and management, where changing services is the norm, not the exception. Agile Optical Networking realizes that the 'go forward' business model is based on a unified group of network elements that removes the uncertainty of interoperability and integration to reduce operations cost and overhead. Such a network is capable of being built today to drive new services and increase market share, but can be easily migrated to adapt to an open standards, multi-vendor environment.

To deliver on this vision, Meriton is building upon its legacy of technical and market leadership. We have taken the bold step of creating a product offering that is unprecedented in terms of technical capability and an organization that is unmatched in technical skill and management expertise.

Agile Optical Networking brings best-in-class products into a unified portfolio that delivers the level of mission flexibility, integration and interoperability necessary for the new era of multi-mission metro networking. Rather than marketing band-aid solutions that will meet service providers' short-term needs, Meriton is delivering solutions that will migrate service providers to the optical transport network of the future.

Meriton's Agile Optical Networking – built for flexibility.



*Meriton Networks
has a vision for
meeting the demands
of this new world of
optical networking
– Agile Optical
Networking.*

Products



Metro Access

3300 OSM (*Optical Services Multiplexer*)

A versatile, cost-effective C/DWDM access multiplexer with support for high-speed services such as Optical Ethernet, SONET/SDH and Storage Area Networking.



Metro Core

7200 OSP (*Optical Switching Platform*)

An award-winning networking system that collapses ROADM/CWDM/DWDM transmission and switching of wavelengths as well as SONET/SDH traffic.



Metro Core & Regional Transport

6400 OTP (*Optical Transport Platform*)

The Meriton 6400 OTP provides a flexible optical transport solution enabling dynamic allocation of TDM, Ethernet, data or optical services to meet bandwidth demands arising out of unpredictable traffic patterns in metro regional networks.



Management Products

8600 NMS (*Network Management System*)

Flexible wavelength management system that transforms transport infrastructure into a service-delivery platform.



Network Planning Products

9500 NPT (*Network Planning Tool*)

The Meriton 9500 Network Planning Tool (NPT) simplifies the design and planning across the entire Agile Optical Networking portfolio. From simulation and verification of optical layer transmission performance, to full traffic planning and engineering, the 9500 NPT presents a unified approach to designing optical networks.





ABOUT MERITON NETWORKS INC.

Meriton Networks Inc., provider of the optical networking foundation for 21st century networks has developed the industry's first unified end-to-end Agile Optical Networking architecture. Meriton customers, which include incumbent and competitive carriers as well as world-class enterprises, deploy a single, cost-effective solution that addresses the issues of fiber relief and network cost reduction, while also enabling the delivery of all high-speed metro and regional services. The Meriton solution includes metro access, metro core and regional extension products, which are fully managed by a best-in-class suite of network and service management and network planning tools.

Corporate Headquarters

3026 Solandt Road
Ottawa, ON, Canada
K2K 2A5

Phone: + 1.613.270.9279
Fax: + 1.613.270.9628
North America toll-free:
+1.866.270.2007

United States of America

20 Corporate Place So.
Piscataway, New Jersey
08854

Phone: + 1.732.465.1000
Fax: + 1.732.465.1010

Europe

Regus House
1 Friary
Temple Quay
Bristol, BS1 6EA
UK

Phone: + 44.(0)117.344.5028
Fax: + 44.(0)117.344.5208

Asia Pacific

3302, Lippo Centre, Tower 2
89 Queensway
Admiralty,
Hong Kong SAR

Phone: + 852.2150.1328
Fax: + 852.2150.1388

www.meriton.com

info@meriton.com

Meriton Networks, the Meriton Networks logo, MeritonCare, OI² – Optical Inter-networking Intelligence, IVFN and Out-of-the-box WDM are trademarks of Meriton Networks Inc. Other trademarks that may be used in this document are property of their respective owners. Technical specifications may change.

© Meriton Networks Inc., 2002-2005
Printed in Canada

Part No. 921-0009-01 Rev 8.00