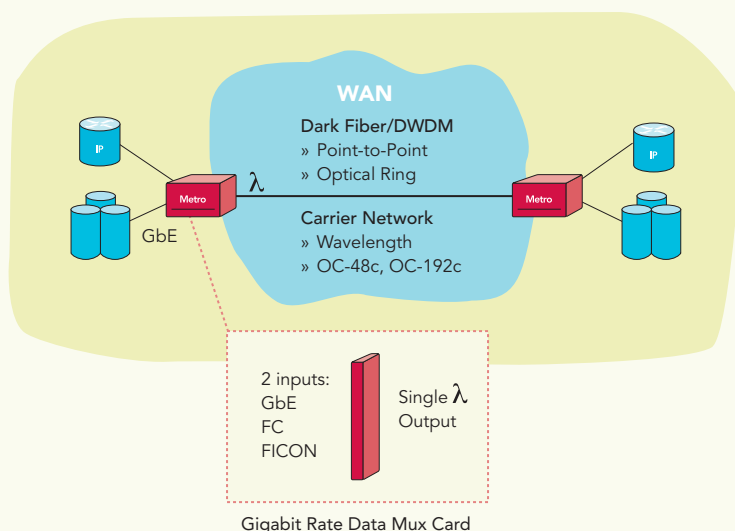


Gigabit Rate Data Multiplexer Card

ONWAVE™ Service Blade for ONLINE Metro™ Multiservice Transport Platform

GIGABIT DATA CONNECTIVITY HAS BECOME A FRONT-LINE REQUIREMENT IN BOTH ENTERPRISE AND SERVICE PROVIDER NETWORKS as an increasing number of applications are adapted to IP-based infrastructure or high-performance storage connectivity. Dense Wavelength Division Multiplexing (DWDM) is often employed as a high-bandwidth, multi-protocol infrastructure for network convergence. The ONLINE Metro multiservice transport platform provides carrier-class robustness for high-availability enterprise and service provider environments, in which ONWAVE service blades are plug-in modules offering high-density aggregation of services onto fiber.

THE GIGABIT RATE DATA MULTIPLEXER (GRDM) CARD offers enterprises a highly scalable, cost-effective solution for remote Gigabit Ethernet, Fibre Channel (FC) and FICON™ connectivity. Businesses are able to reduce recurring bandwidth costs in environments in which they have access to dark fiber by eliminating costly channelized router ports and WAN conversion equipment with traditional carrier interfaces such as DS-3. The GRDM aggregates two client signals onto a single wavelength and enables transport as an OC-48/STM-16 framed WAN signal. Further, the GRDM can be combined with other ONWAVE service blades to aggregate onto OC-192 framed wavelengths. Integrated tributary (client) and line-side (WAN) performance monitoring provides detailed end-to-end fault management capabilities for the utmost in connectivity robustness. Consequently, service providers can offer both Ethernet and storage connectivity as a managed wavelength or private line service with full visibility for service level agreements, and SONET interoperability with traditional carrier infrastructure.



FEATURES & BENEFITS

- » Enables native Gigabit Ethernet and FC/FICON extension over dark fiber
- » Minimizes per-port cost of connectivity by combining two gigabit signals into a single wavelength
- » Enables optional aggregation of eight GbE/FC to a 10 Gb/s wavelength using ONWAVE ADM
- » Hot-swappable into any slot for any service mix
- » Interoperable with service provider wavelength services using standard SONET inter-connect
- » Certified in EMC®, Hitachi Data Systems® and IBM® environments

