Challenges

- Growth is restricted due to maximized fiber utilization
- Fiber capacity is used up by low rate services
- Increased demands on bandwidth, requiring quick and effective capacity expansion
- Unique service transmission needs require fast resolution
- Need for backbone security with Layer-1 encryption

Solution

- Build high capacity fiber optic network with compact DWDM product suite
- Increase wavelength capacity by 20 times or more with muxponder
- Add 200G of new services quickly and cost effectively
- Offer your clients a flexible mix of services including 1/4/8/16/32G FC, and GbE/10/40/100Gb Ethernet
- Encrypt Layer-1 infrastructure to ensure secure connectivity for all data
- Vendor-agnostic and integrates with any third party WDM/OTN supplier
- Easy to deploy and operate
- FAST ROI – Guaranteed!

Industries

- DCI
- Cloud service providers
- Video providers
- Enterprises
- Utilities
- Education
- Government
Expand Bandwidth in Existing Backbone

Expand existing OTN/DWDM infrastructure capacity by up to 200G per wavelength
Aggregates mix of services into 100G and 200G OTU4 uplink
APS and OTN level protection for point-to-point and ring topologies
OTN cross-connect sub-100G services into dual 100G uplink
Encryption per service or per uplink
Supported services - GbE/10/40/100Gb Ethernet, 1/2/4/8/16/32G FC/FICON, OTU2/2e/3/4, STM-1/4/16/64 / OC-3/12/48/192, DVB-ASI, SD-SDI, HD-SDI, 3G-SDI

Products for This Solution

PL-2000T
800G Platform

PL-2000AD, PL-2000ADS
200G multi-rate ADM muxponder/transponder

PL-2000M
200G multi-protocol coherent muxponder

PL-2000
20G OTN ADM muxponder

Advantages

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