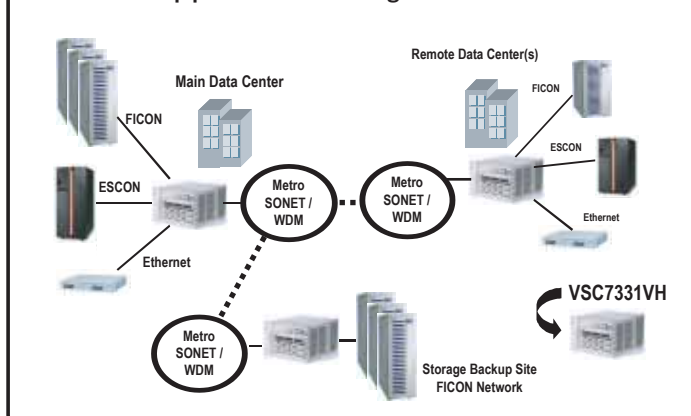


Features

- Ten individually configurable ports of 10/100/1000 Ethernet, Fibre Channel/FICON, ESCON/SBICON, or DVB-ASI
- Each port provides a 10/100/1000 Ethernet MAC supporting RGMII/GMII/MII/TBI or a Gigabit Ethernet SerDes Interface for direct connection to optical modules
- TBI for direct connection to multi-protocol PHY/SerDes products
- Transparent GFP mapping of 8B/10B protocols with client signal monitoring and statistics
- One 10 Gigabit Ethernet MAC with integrated XAUI SerDes interface compliant with IEEE 802.3ae
- Standard 10G SPI-4.2 datapath interface supports 10 channels
- Loss-less flow control in Metro applications up to 10km
- 3 Mbit ingress and 1 Mbit egress FIFOs for short-haul flow control and to smooth bursty conditions
- Broad link aggregation and trunking solutions between interfaces
- Advanced shaping and policing per port
- Intelligent VLAN and MPLS tagging and un-tagging feature
- Full RMON 1 statistics group and applicable IEEE-802.3 and SNMP statistics

Network Application Diagram:



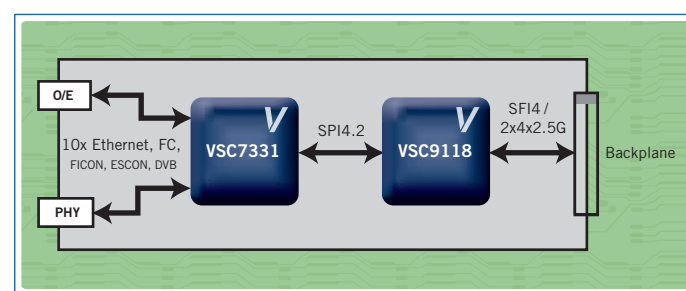
Benefits

- Ten multi-protocol, multi-rate ports can be individually configured for any protocol, eliminating protocol-specific line card inventory and maximizing connected port density and rack utilization
- Intelligent VLAN and MPLS tagging/un-tagging improve client aggregation and bandwidth utilization
- Link aggregation and trunking between the 10GbE interface and either the SPI-4 or 10-port multi-protocol interfaces simplify management of flows across multiple clients
- Transparent GFP support enables the transport of mixed LAN and SAN data between enterprise sites, increasing the flexibility of business networking options

Related Vitesse Products

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Line Card Application Diagram:



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