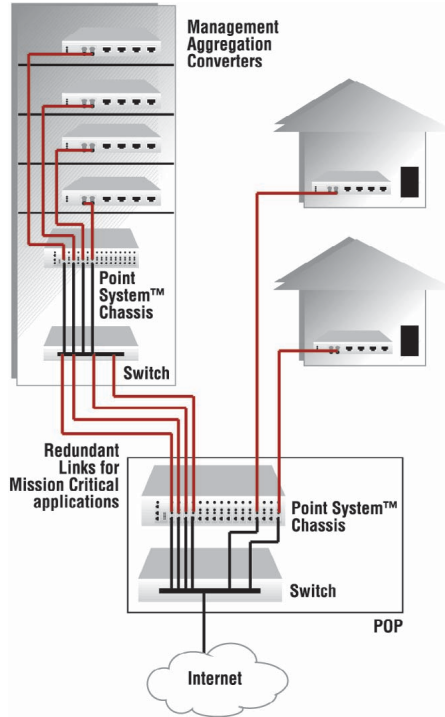




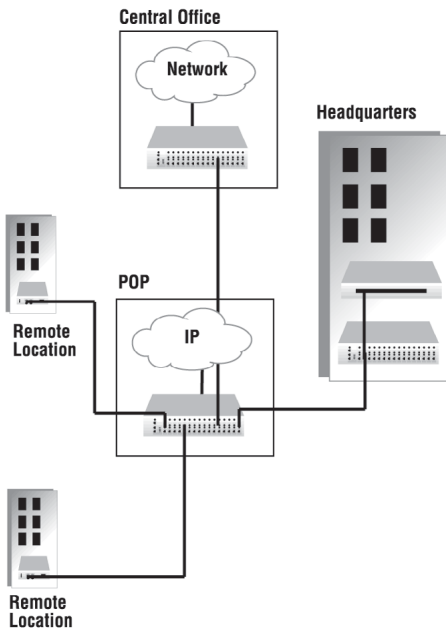
Ethernet Solutions for Service Providers

Internet Services



- Data Delivery in multi-tenant dwellings
 - 802.1P provisions traffic to packet order sensitive data such as VoIP and video
 - Spanning tree offers network redundancy for customers
 - Redundant links for mission critical applications
- Remote Management**
- Upstream and downstream bandwidth control allows service providers to offer an array of services
 - Remote Loopback assists in diagnosing network problems

Transparent LAN Services



- Connect remote locations to the main office in Metropolitan Area Networks
- Remote Management helps troubleshoot problems at remote locations
- WDM units reduce the fiber strands required to connect locations

Ethernet Solutions

The simplicity, ease of use, and low costs have made Ethernet an excellent option for many service providers that are offering data solutions. Media converters are a perfect choice for last edge mile delivery, back haul applications and any network extension need.

- ▶ 10Mbps, 100, 10/100, 1000, 10/100/1000Mbps offerings
- ▶ Reduce fiber strand counts with WDM Solutions
- ▶ Complete control of the equipment with SNMP Management
- ▶ Modular chassis allow hardware to be purchased when customers are acquired
- ▶ Stand-alone devices offer a low cost, easy to install CPE device
- ▶ Reach customers up to 125 km (77.7 miles)

Chassis-based Solution in Data Center

- ▶ Hot-swappable converters
- ▶ Power Supplies:
 - AC
 - 48VDC
 - Redundant power
 - Hot-swappable
- ▶ SNMP Management
- ▶ NEBS Compliance

Use Media Converters in Ethernet Access Networks

- Provide cost-effective Ethernet services to customer
- Remotely monitor and manage devices in-band
- Provide different service levels using Bandwidth Allocation
- Easily troubleshoot the segment using remote Loopback

