

Fiber Mining to the Wire Center LightGAIN 9 Channel Passive Multi-Node CWDM Overlay

Situation

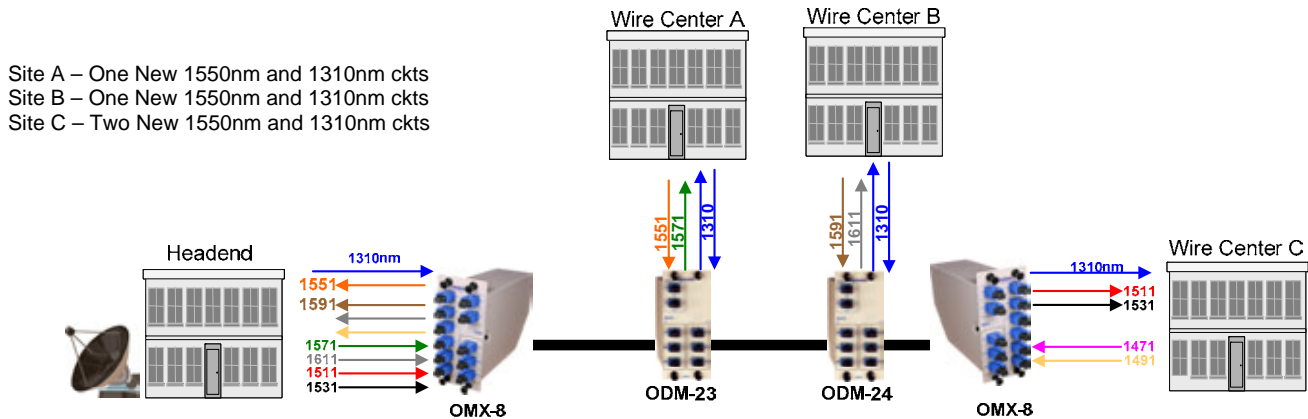
- Need new 15xxnm service to wire centers where existing 1310nm circuit exists

Challenge

- A high-quality, economical solution to gain fiber capacity

Solution

- Place one *LightGAIN* Passive OMX-8 CWDM cassette at the Headend, one ODM-23 at Wire Center A, one ODM-24 at Wire Center B and one OMX-4 CWDM cassette at Wire Center C
- Use *LightGAIN* CMS shelving to mount the cassettes at the headend and wirecenters
- Perform a 1310nm overlay for existing transmission equipment and place the new transmission equipment on CWDM wavelengths



Benefits

- Free up fiber quickly, easily, and inexpensively (no digging, permits or ROW issues)
- Use recovered fiber for additional deployments
- Quick ROI with new services (IPTV, DSL, etc.)

For Sales and Service Contact:
 Optelian Access Networks www.optelian.com
 Tel: 877-225-9428
 E-mail: sales@optelian.com



© 2006 Optelian, all rights reserved
 Printed in USA