Product Sheet

Managed Private Optical Network

Wi h applica ion like high- peed rading, medical imaging, con en deli er , nchrono replica ion and clo d ol ion , he demand for band id h con in e o increa e e ponen iall . The e applica ion place igni can rain on a ailable ne ork re o rce , dri ing a need for increa ed calabili and performance.

B il o mee hi increa ed demand, o r Managed Pri a e Op ical Ne ork (MPON) i a e ible, dedica ed ol ion capable of ppor ing m l iple echnologie , pro ocol and applica ion acro a ide area. MPON pro ide a rnke , dedica ed, pri a e ne ork i h c om de igned Dark Fiber ro e , DWDM eq ipmen in alla ion and aro nd- he-clock moni oring, main enance and ro ble hoo ing b o r Ne ork Opera ion Cen er.

MPON i a grea op ion for organi a ion looking for a Dark Fiber ol ion ha doe no req ire in-ho e echnical and opera ional per onnel o in all, moni or and ro ble hoo he ne ork.

Key Benefits

Increased flexibility and scalability

A c om, Dark Fiber, dedica ed ne ork i h all of he pri ac , ec ri and band id h req ired ha i more co e ec i e han b ilding i o r elf.

Dedicated support and monitoring

Acce o echnical and opera ional eam i ho he need o a DWDM e per i e in ernall , red cing o r echnical ri k and o erhead.

Simplified network management

A ingle poin of con ac a compared o orking i h m l iple pro ider increa ing e cienc and peace of mind. Addi ionall , o r of are and eq ipmen pda e are performed on o r ched le-minimi ing ne ork impac .

Key Network Features

- 30 ear of e perience applied o he de ign, in alla ion, moni oring, main enance and pgrade of ad anced DWDM ne ork
- M l iple high a ailabili op ion for ber and eq ipmen pro ec ion, gi ing o he p ime o need and a g aran eed SLA
- Enhanced ec ri i h pri a e ber and eq ipmen , and op ional FIPS-cer i ed La er 1 op ical encr p ion add e ra pro ec ion for o r da a in igh
- Abili o engineer a de ign i h he la e a ailable eq ipmen and of are for higher den i and peak performance
- Op imal ber ro e and eq ipmen , i h op ional b il -in pgrade o mee o r f re need
- Moni oring and managing all DWDM node and ber ia an o of band managemen connec ion o o r Ne ork Opera ion Cen er
- 24/7 ne ork r eillance and moni oring

SPECIFICATION	DESCRIPTION
Ke Sol ion Componen	Dark Fiber be een de ired loca ion DWDM node i h ROADM echnolog
(See Diagram)	Ne ork managemen ia o -of-band connec ion De igned, in alled and managed b e per eam
Band id h Op ion & Hand-o Pro ocol (non-encr p ed)	- 1Gbp (pl): 1 GigE, OTU1 - 10Gbp : 10 GigE, FC800/1200, OC-192/192c, OTU2 - 40Gbp : 40 GigE, OC-768, OTU3 - 100Gbp : 100 GigE, OTU4
Band id h Op ion & Hand-o Pro ocol (Encr p ed)	- 10Gbp : 10 GigE, FC800, FC1200, OC-192/192c - 40Gbp : 40 GigE, OC-768, OTU3 - 100Gbp : 100 GigE, OTU4

SPECIFICATION	DESCRIPTION
Op ional Pro ec ion Op ion	- Back p circ i on di er e ro e - Op ical Pro ec ion S i ch for a oma ic failo er o back p pa h - G aran eed SLA op ion de ermined b he de ign o elec
Bi Error Ra e	1 10-9
Mean Time o Repair (MTTR)	4 ho r
A ailabili	Con ma((MTTR))Tɟ0.02 Tc 0 T 12 T 11.429 (o R)10lTTR)e
Band id h Op ion	43 TdF6 1835 (ailabili)[illegible] 11.429 (o R)10lTTR)656 41 6[illegible]1nElTR)er-