



OIF 400ZR/OLS Interop Demo at ECOC 2022

- Point-to-point, 80km DWDM, DCI application

Nokia solution:

- Nokia 1830 PSI-L transports 400ZR-wavelengths
- Nokia 400ZR transceivers are hosted on routers

Nokia 1830 PSI-L Optical Line System

- Optimized for open line system and DCI applications
- Compact 8-slot and 4-slot platforms
- SFD64, 64-channel, 75GHz mux/demux, passive filter
- Supports common 1830 PSS hardware including iROADM, amplifier, CDC add/drop modules
- Simplified management and SDN control with industry standard open APIs and protocols



1830 PSI-L OLS

Nokia Pluggable 400G DCO Transceivers

- Application-optimized coherent optics
- 400ZR, 400ZR+, 400G Multi-haul applications
- OIF 400ZR, OpenZR+, OpenROADM compliant
- QSFP-DD, CFP2 form factors



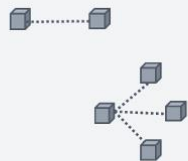
Nokia 400ZR QSFP-DD



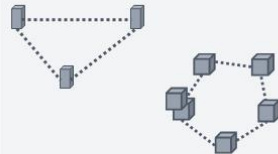


Application-Optimized Optical Line Systems OIF 400ZR/OLS Interop Demo

Access and metro
DCI



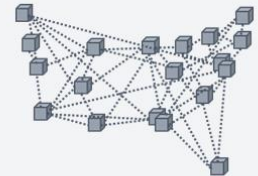
Metro aggregation



Metro and regional
core



High-performance
long haul



1830 PSI-CL

- 400G ZR/OpenZR+ optimized
- FOADM for point-to-point DCI
- Optional optical protection
- Open APIs (Netconf/Yang)
- NSP & NFM-T



1830 PSS/PSI-L/PSI-M

- Ring and Multi-Degree ROADMs incl. CDC-F
- Application-optimized chassis with common line cards
- Mixed DCO & Transponder applications
- Options for EDFA, Raman, C+L & optical protection
- Open APIs (Netconf/Yang) & NFM-T/WaveSuite

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