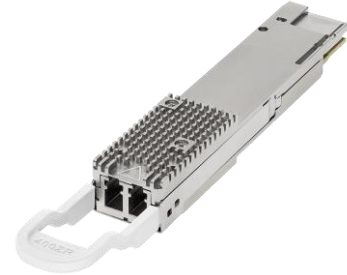


At OFC 2023, Ciena is participating in demonstrations showcasing OIF work on 400ZR interoperability and Coherent-Common Management Interface Specification (C-CMIS).

Ciena's WaveLogic 5 Nano 400ZR QSFP-DD ultra-low power transceiver enables highest density 400G metro DCI deployments with support for interoperable transport and enhanced reach in bookended deployments.



Ciena 8140 coherent metro router is a dense 7.2Tb/s switching platform in a compact 2RU footprint with 40 x 100G SFP-DD and 8 x 400G QSFP-DD ports. The 8140 with SFP-DD supports 10GbE SFP+ and 25GbE SFP28 providing a future proof architecture for a seamless migration to dense 100GbE requirements. It also supports Ciena WL5n 400G coherent pluggables, supporting 400ZR, 400ZR+ as well as enhanced performance modes for extended reach to address a broader range of application requirements.



Ciena 5166 is an xHaul router, offering dense 1/10/25GbE to 100/200/400GbE aggregation and 400Gb/s DWDM transport with 400ZR. The 5166 supports both hard network slicing (FlexEthernet) and soft network slicing (Segment Routing) to simplify and de-risk the unique 4G to 5G journeys of mobile and wholesale operators.



400ZR interoperability: Ciena's 8140 coherent metro router hosts Ciena WL5n 400G coherent transceivers and is hosting five different 3rd party 400ZR QSFP-DD transceivers in this demo. Housed in 3rd party router platforms as well as in the EXFO traffic generator, WL5n 400ZR transceivers are demonstrating interoperability with other 400ZR vendor transceivers.

CMIS: Ciena and other OIF members are demonstrating the wide range of modules and services that CMIS supports highlighting applications, inventory, and provisioning. Ciena's 5166 xHaul router serves as one of the 400ZR CMIS host platforms and is hosting a Ciena 400ZR QSFP-DD module.

