

At ECOC 2023, Ciena takes part in OIF's largest-ever multi-vendor interoperability demonstration in the following areas: 400ZR, 400ZR+, OpenROADM and Common Management Interface Specification (CMIS).

Ciena's WaveLogic 5 Nano 100G-400G Universal QSFP-DD is a coherent pluggable transceiver with embedded amplification, enabling ease of deployment across access and aggregation, single-span Data Center Interconnect, and metro/regional transport, over all types of photonic line systems. With support for both interoperable modes underpinned by global standards and MSAs (incl. 400ZR, 400ZR+ and OpenROADM), as well as unmatched 70Gbd performance-enhanced mode for extended reach-capacity in pluggable form, you have maximum flexibility with WL5n 100G-400G Universal QSFP-DD.



Ciena's WaveLogic 5 Nano 100G-400G Standard QSFP-DD is a coherent pluggable transceiver optimized for interoperable transport applications including OIF 400ZR and 400ZR+.

Ciena's WaveLogic 5 Nano 100G-400G Enhanced QSFP-DD is a coherent pluggable transceiver that supports interoperable transport such as OIF 400ZR and 400ZR+ as well as Ciena high-performance PKT-MAX mode to extend 400G across more network links.



Ciena 8190 coherent metro router is a dense 14.4Tb/s switching platform in a compact 2RU footprint with 36 x 100/200/400GbE QSFP-DD, QSFP28/QSFP56 (grey or coherent) ports. With dense 100/200/400GbE any-to-any port Wide Area Network (WAN) aggregation and the option of WaveLogic 5 Nano (WL5n) 400ZR, 400ZR+ as well as enhanced performance modes for extended reach, the 8190 addresses the need for dense, any-to-any high-capacity routing and switching metro applications.



400ZR, 400ZR+ and OpenROADM interoperability. Ciena's 8190 coherent metro router is hosting twelve different 3rd party 400ZR and 400ZR+ QSFP-DD transceivers in this demo. Housed in 3rd party router platforms, WL5n Standard QSFP-DD is demonstrating 400ZR multi-vendor interop, and both the WL5n Enhanced QSFP-DD (-10dBm Tx output power) and WL5n Universal QSFP-DD (+4dBm Tx output power) are demonstrating 400ZR+ line interoperability with 3rd party pluggables. Highlighting the flexibility of the product, the WL5n Universal is also used to demonstrate OpenROADM line interoperability in a compact QSFP-DD form factor with 3rd party 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. The WL5n 100G-400G Standard QSFP-DD will be in the CMIS application demo and will show the wide range of applications that it supports.

