

Special ECOC 2022 Edition

MultiLane at ECOC 2022

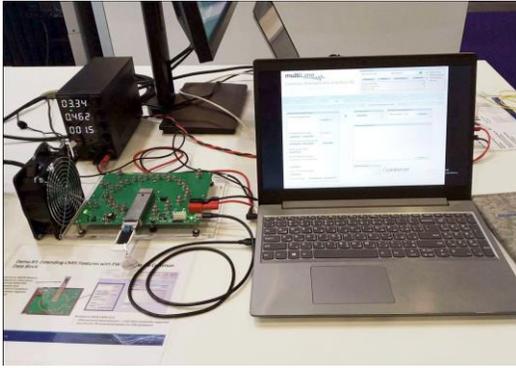
MultiLane had a vibrant and dynamic showing at this year's ECOC. Our live demos stretched across the exhibition floor, with setups validating technology at Synopsys, Yamaichi, Credo, Source Photonics, TE Connectivity, Thorlabs, Bizlink, and Sicoya. Our OIF presence was a solid display, with our CEI setup featuring the first live demonstration of our Active Loopbacks as full in-port instrument-grade testers, and our CMIS setup showcasing our fully compliant UI and its ease of use.

For our own booth, we were very pleased to welcome partners old and new and showcase our most recent developments in our DCTS DevKits, Active Loopbacks, and industry-first OSFP-XD thermal testing module. Our ECOC e-brochure highlights our latest products and services during the show can be accessed [here](#).

For those who missed ECOC, or would like to reconnect, MultiLane will be holding a virtual booth from October 11-13, 2022, so make sure to register for that [here](#).

If you would like to discuss how MultiLane's solutions can help you in more detail, please reach out to us at sales@multilaneinc.com





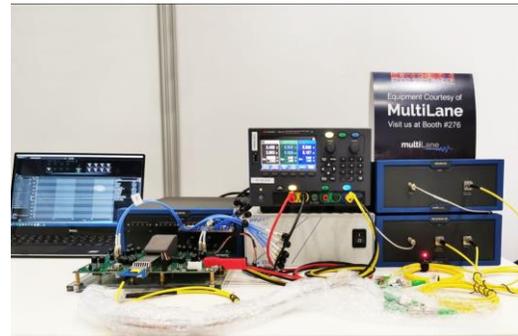
[Multilane Joins Fellow OIF Members to Accelerate 800G Adoption at ECOC](#)



[Multilane and Credo Showcase 8x112 Gbps Optical DSP Interoperability at ECOC 2022](#)



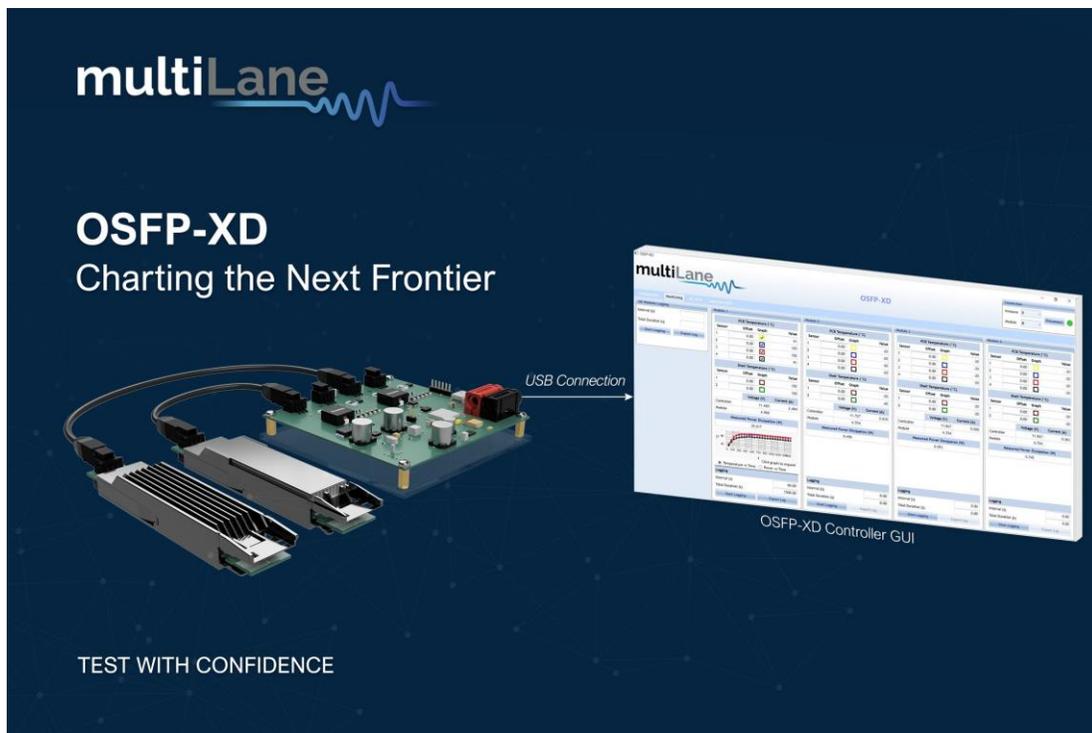
[Multilane Demonstrates Long-Reach SerDes Interoperability at ECOC 2022](#)



MultiLane's full turnkey setup of the ML4079E, ML4015D, ML1016D-CR, and ML4064-MCB-112, validating Sicoya's 800G optical module

OSFP-XD: Next-Generation Testing Today

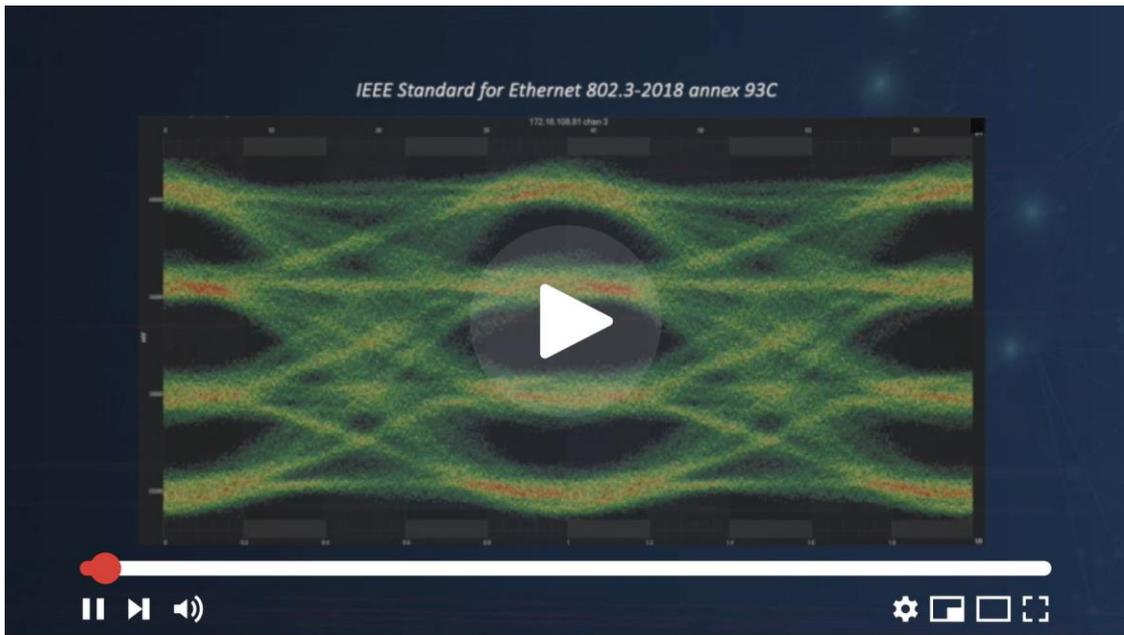
The exhibition was abuzz with talk of what shape the next step in data center technology would take. 1.6T is a certainty, and it seems clear that the OSFP-XD form factor is a strong contender as a dominant technology in this upcoming frontier. While the specifics of 16x100G/lane are still being worked out, being able to account for the new generation's increased power draw and thermal load will provide companies with an edge in their designs. MultiLane's OSFP-XD Module and Controller Board is a new anticipatory testing tool from our DCTS Business Unit, designed to emulate transceiver thermal behavior and test the new cooling systems that will accompany the adoption of this form factor. The controller board itself can support 4 modules simultaneously, with each module capable of dissipating up to 45 W. The complete setup can be accessed with a comprehensive GUI to monitor thermal load. Full specifications are set to be released soon.



SITOL Chapter 2: Interference Tolerance Testing

While the show might be over, our work is just getting started. 800G brings with it new special considerations with regards to signal disruption by noise and jitter, and sets the tone for MultiLane's focus for this generation. To see how we integrate ITOL (Interference Tolerance Testing) into our new SITOL methodology, follow this link.

We have some very exciting announcements to share in the upcoming weeks, so stay tuned.



For more updates, follow our social media platforms!



For any questions, please contact us at sales@multilaneinc.com.

Best regards,

The MultiLane Team



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