Anritsu
Advancing beyond

Anritsu is participating in OIF's largest ever live multi-vendor interoperability demonstrations showcasing our Network Master™ Pro MT1040A with 400ZR, Open ZR+, and dual 400GbE along with other industry partners. Also, stop by our booth # 906 to discover our latest solutions for lab, field, and cloud test solutions for high-speed data communications.

The Network Master Pro MT1040A is a comprehensive handheld instrument supporting the Installation and Maintenance (I&M) for all networks, from hyper and colocation data centers to metro and core network, to mobile fronthaul and backhaul, and to broadband access network. It supports various standards and protocols including 400G Ethernet, OpenZR+, OpenROADM, ITU-T, and more. It provides real-time measurements of physical layer (Layer 1) Pre/Post FEC BER, and Ethernet (Layer 2) Latency and Throughput.

As the industry advances, more deployments of 400G networks with 400ZR/ZR+ coherent pluggable solutions will be widely adopted. The MT1040A provides straighforward 400ZR/OpenZR+ validations with detailed live network analysis, contiguous real time Tx and Rx power/OSNR/SOP/CD/PreFEC BER monitoring, and latency measurement with a 5-nanosecond resolution. The Network Master Pro MT1040A's heat control function effectively prevents transceiver modules from overheating.

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The MT1040A eases today's testing complexity with many powerful and flexible features:

- Direct pluggable optical module support for QSFP-DD, OSFP, QSFP56, QSFP28, SFP/SFP+/SFP28
- Stackable 1x400G, 2x400G, 4x100G, 2x100G, 1x100G design
- Multi-rate modules/interfaces from 10M to 400G without changing modules/boxes
- Multi-applications support ethernet, OTN, OTDR, mobile backhaul and front haul, etc.
- Straightforward optical module evaluation function with grid, wavelength, Tx power settings
- Coherent monitoring (OSNR, SOP, CD, etc.) in 1-second intervals
- Media-side FEC monitoring (Pre FEC BER)
- Visualized and quantitative O-FEC analysis
- Flexible layer2 to layer 4 configurations
- Real-time end-to-end physical layer and ethernet layer performance metrics
- Real-time line and path monitoring
- One-way and roundtrip latency measurement at full-line rate with a 5-nanosecond resolution
- Automated benchmark tests with one-button operation
- Interoperability support in OpenROADM transport network
- Breakout cable support for 4x 100G, 2x 200G AOC and DAC including the latest XDR4 and 2FR4
- Up to 4 remote users simultaneously
- Remote access and control capability via in-band, GUI, VNC, Netconf and more

Come check us out!

About Anritsu

Anritsu is a provider of innovative test and measurement solutions. Anritsu engages customers as true partners to develop wireless, optical, microwave/RF, and digital solutions for R&D, manufacturing, installation, and maintenance applications, as well as multidimensional service assurance solutions for network monitoring and optimization. Anritsu provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. The company brings advanced solutions for emerging and legacy wireline and wireless technologies into the commercial, private, military/aerospace, government, and other markets.

To learn more visit www.anritsu.com and follow Anritsu on Facebook, LinkedIn, Twitter, and YouTube.