

Tektronix and Coherent Solutions Announce Exclusive Partnership Providing Fully-Integrated Optical Communications Platforms

BEAVERTON, Ore., March 11, 2020 /[PRNewswire](#)/ -- Technology companies Tektronix and Coherent Solutions today announce an exclusive partnership agreement to provide fully-integrated optical communications platforms to new and existing customers in support of the growing global demand for communications across the telecom, datacom, defense/aerospace and semiconductor markets.

"Tektronix and Coherent Solutions are strongly committed to providing industry-leading test & measurement solutions for high-bandwidth optical communications," says Amy Taylor, general manager of performance solution at Tektronix. "When coupled, Coherent Solutions IQTransmitter™ products and Tektronix AWG products create a complete optical communications platform."

Together, these two companies will provide fully-integrated Optical Modulation Analyzer (OMA) systems, using Tektronix's DPO70000SX/DX oscilloscopes and Coherent Solutions IQReceivers™. Capabilities of this platform include the generation of coherently modulated signals such as 64QAM to address the high-speed communications market. Complex optical modulation is a critical development path for engineers who are looking for test and measurement systems to support product roll-out for 400G/800G and transmission rates of up to 1TB/s. Tektronix oscilloscopes integrated with Coherent Solutions DSPs™ will pave the way for engineers to develop coherent transceivers in an efficient process that is both compliant to the current standards and enables them to conduct advanced research beyond the standards.

Andy Stevens, CEO of Coherent Solutions says, "We've seen a surge of interest in OMA systems as engineers look to keep up with developments in high-speed optical technologies and also deploying coherent technology in new areas. It's the perfect time for our companies to align our expertise, and we're confident the partnership will bring significant benefits to our customers and the wider optical communication industry over the next few years."

About Coherent Solutions

Coherent Solutions develops and manufactures advanced photonics test and measurement equipment to meet the needs of world-leading scientists, engineers and manufacturers. From enabling pioneering experiments to driving highly-efficient production testing, Coherent Solutions works with customers across the globe to solve complex problems with simple, intuitive solutions. Find out more at www.coherent-solutions.com.

About Tektronix

Tektronix, Inc., headquartered in Beaverton, Oregon, delivers innovative, precise and easy-to-operate test, measurement and monitoring solutions that solve problems, unlock insights and drive discovery globally. Tektronix has been at the forefront of the digital age for over 70 years. More information on our products and solutions is available at Tek.com.

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