



Siemens Uses CoreOptics Tech



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GLASGOW, U.K. and NUREMBERG, Germany -- CoreOptics, a leading designer and manufacturer of 40 Gbit/s and 10 Gbit/s optical networking subsystems, today announced at ECOC (stand 59) the commercial deployment of its electronic distortion equalization technology on Siemens' DWDM transmission platform SURPASS hiT 7500.

"I am very pleased about our partnership with CoreOptics, as we have successfully completed the joint development of a completely new generation of DWDM transponders. Siemens is now able to deliver the world's first distortion tolerant 10Gb/s WDM transponder," said Bernd Schumacher, Senior Vice President Fixed Networks Transport at Siemens Communications. "Our DWDM transport platform SURPASS hiT 7500 is designed to meet service providers' distance and capacity needs, while enabling a completely flexible and transparent network infrastructure. Here, our new generation of distortion tolerant transponders enabled by CoreOptics will become a benchmark in DWDM transmission."

Building on the company's expertise in the development of high capacity distortion tolerant optical transport subsystems, CoreOptics' 10 Gbit/s 300 pin MSA compliant transponder platform provides market-leading levels of performance and cost effectiveness for the next generation of converged networks. The key feature of this product platform is enabled by CoreOptics' Maximum Likelihood Sequence Estimator (MLSE) electronic distortion equalization engine, which adaptively compensates for both optical and electrical distortions accumulated along the transmission link.

"We are delighted to have had the opportunity to support Siemens in their development efforts for a truly next generation optical transport platform that has set a new industry benchmark for high performance while achieving the lowest cost of ownership," said Hamid Arabzadeh, CoreOptics President and CEO.

[CoreOptics Inc.](#)