

Eurofiber operates a fiber optic network that extends through the Netherlands, Belgium and Germany. The network spans across 13,000 kilometers with more than 5,400 connection sites and 590 industrial estates. Eurofiber specializes in providing managed dark fiber connections, Ethernet services and Dense Wavelength Division Multiplexing (DWDM) based Optical Transmission Services to service providers and businesses throughout the region. With a DWDM-network based on the Infinera DTN platform, Eurofiber is now able to extend the company's product portfolio by offering 100 GbE services to their customers. Offering 100 GbE enables Eurofiber to provide their customers with services to meet the rapidly growing bandwidth demands from Internet exchanges, data centers, cable companies and Internet service providers.

"About eight years ago, the first 10 GbE services entered the market," said Bart Oskam, Managing Director of Eurofiber. "At that time, 10 Gb/s was a lot of bandwidth, even for Internet exchanges. Today, given the pace in which the demand for bandwidth is increasing, the demand for 100 GbE connections will grow much faster. Rather than aggregating multiple 10 GbE links to increase capacity, it is often more efficient to simply deploy a single 100 GbE connection. The Infinera DTN enables these new 100 GbE services from our existing network."

The Infinera DTN platform is designed for optical transport network operators and features 10GbE, 40 GbE and 100 GbE service interfaces for flexible applications across regional, long-haul, and subsea deployments. In addition, DWDM line-cards support 40 Gb/s per wavelength coherent optical transmission, allowing the DTN platform to scale up to 6.4 terabits per second (Tb/s) of transmission capacity per fiber. The widely-deployed DTN platform pioneered the integration of DWDM optical transmission with OTN digital switching in a single system without performance compromise, thus boosting network efficiencies. The Infinera DTN platform, powered by the highly reliable Photonic Integrated Circuit (PIC) technology, enables global network operators a simple, scalable and efficient solution to migrate their networks according to their bandwidth needs. Infinera's optical transport solution is deployed by 99 customers globally.

"Infinera's DTN platform, based on our award winning 100 Gb/s PIC, offers Eurofiber a solution that allows their existing network to offer new high-bandwidth services to meet the growing needs of their customers," said Tom Fallon, Infinera CEO. "We are pleased to work with Eurofiber to deploy a scalable, reliable and efficient optical transport network."