



Press Release

Ekinops Introduces 20G Transponder, Doubling 10G Capacity of Existing Transport Networks While Lowering Cost

PARIS, January 24, 2012– [Ekinops](#), a leading provider of next-generation optical equipment, today announced a unique technology that allows Service Providers to double the capacity over their optical networks, with a lower cost per 10G. The new transponder will carry 2 standard 10Gs in the ITU standard 50GHz grid.

Ekinops' new product offering allows service providers to install two 10G circuits, where they could previously install only a single 10G service, doubling the network's capacity. It can be used on existing Ekinops networks or over third party line systems. This new 10G technology takes advantage of Ekinops' industry leading DynaFEC (Dynamic Forward Error Correction), allowing it to be deployed over existing line systems even if they utilize older, poorer-performing fiber.

"While 100G will take many years to replace 10G as the primary service rate, it is refreshing that Ekinops is heavily concentrating on making practical improvements on a more vital and valuable type of solution," said Mark Lutkowitz, Principal at Telecom Pragmatics. "The bulk of capital expenditures on optical equipment by carriers will remain based on 10G technology for an extensive period of time."

The Ekinops 20G transponder costs significantly less per 10G circuit than existing 10G transponders available on the market. The performance-enhancing capability of DynaFEC also offers additional cost-saving benefits, especially by eliminating regeneration points on older line systems.

"Service providers can deploy the Ekinops 20G transponder over existing systems without disrupting existing services," said Francois Xavier Ollivier, COO at Ekinops. "Our customers are very excited about our new 100G solution and many are ready to utilize it where it makes economic sense. However, the move to 100G is a major financial jump and in many parts of their network, customers are just looking to double the capacity."

The T-Chip is at the heart of the Ekinops 360 industry-leading metro, regional, and long haul transport system. It uniquely concentrates the system's transport intelligence into a highly compact and efficient design. It can be programmed quickly for virtually any type of functionality and enables Ekinops to deliver new features and protocol support well ahead

of standard industry chip sets. The unparalleled capabilities of the T-Chip yield reductions in costs, footprint, and ongoing power consumption and speed manufacturing delivery times to customers.

About Ekinops

Ekinops is a leading designer and supplier of next generation optical transport equipment for service providers and enterprise customers. The Ekinops 360 Dynamic, Multi-Reach Transport System provides DWDM and CWDM on a single platform that addresses Metro, Regional, and Long Haul applications. The Ekinops 360 system relies on the innovative, programmable Ekinops T-Chip® (Transport-on-a-Chip technology) that enables fast, flexible and cost-effective service delivery for building high speed optical networks. Using the Ekinops 360 carrier-grade system, operators can increase transport capacity of their networks – CWDM, DWDM, Ethernet, ESCON, Fibre Channel, SONET/SDH, and uncompressed video (HD-SDI, SD-SDI, ASI) – through the industry's most efficient aggregation of services. The company is headquartered in Lannion, France, with offices in Europe, the USA and Asia. For more information, visit Ekinops at www.ekinops.net.

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