



Press Release

Bezeq Deploys Ekinops 360 for New High-Speed Broadband and Advanced IP Services to Residential and Business Customers

PARIS, June 16, 2011 – Bezeq, Israel's largest telecommunications service provider, has chosen Ekinops to provide optical transport equipment to connect key Bezeq sites in the north and south of the country.

Ekinops, a leading designer and supplier of next generation optical equipment, and its partner, Rotal Networks, provided Bezeq with a state-of-the art optical transport and DWDM platform, the Ekinops 360. Bezeq is leveraging the platform's superior optical performance to maximize the capacity of its fiber network.

Bezeq has been on a multi-year mission to upgrade its network and deploy an advanced NGN (Next Generation Network) to support new high-speed broadband services and advanced IP telephony services to its residential and business customers.

"Half of the country is already connected to the new NGN and in 2011 we expect to reach 80 percent" said Mr. Itzik Cohen, director of transport and data engineering at Bezeq. "Every week thousands of new homes are being connected and we need to have the optical backbone to support this growth. The Ekinops 360 platform is a cost-effective, carrier-class solution that allows us to consolidate many fibers into one, freeing up fiber cables for other revenue opportunities. It's a very attractive business case."

The new network optimizes Bezeq's existing optical infrastructure by consolidating data traffic from multiple fiber optic cables onto a single cable using DWDM (Dense Wavelength Division Multiplexing) technology. This allows Bezeq to reclaim and reuse its fiber cables. The network carries 10G Ethernet, 2.5G SDH, and Gigabit Ethernet services and can deliver speeds of up to 400 Gb/s per fiber cable, lowering operating costs and conserving fiber.

The architecture of the network is based on the Ekinops 360 platform, the company's line of multiprotocol muxponders, and Ekinops' industry-leading DynaFEC Forward Error Correction technology. This enables Bezeq to achieve greater distance with no regeneration.

“Bezeq is investing a significant amount of capital and resources to maintain its leadership position,” said Jonathan Amir, vice president of global sales for Ekinops. “Bezeq is deploying Next Generation technology to support a population known for its appetite for cutting edge technology and high-speed Internet. We are very proud to be a part of their NGN network.”

The Ekinops 360, the foundation for the enhanced Bezeq network, provides DWDM and CWDM in a single solution that addresses metro, regional, and long haul applications. It offers industry-leading features such as DynaMux®, dynamic multiplexing functionality that allows multiplexing of any mix of protocols over a single wavelength and over any protocol on that wavelength; the industry’s best forward error correction, DynaFEC®, enabling longer reach using software; and WaveBonding®, a low-cost, long-reach 40G technology.

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.

About Bezeq The Israel Telecommunication Corp.

Bezeq is Israel's leading telecommunications service provider. Established in 1984, the company has led Israel into the new era of communications, based on the most advanced technologies and services. Bezeq and its subsidiaries offer the full range of communications services including domestic, international and cellular phone services; broadband Internet and other data communications and transmission services; satellite and fixed-line-based multi-channel TV; and corporate networks. For more information about Bezeq please visit the corporate website at www.bezeq.co.il.

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