

## PRESS RELEASE

### **Kvant Telecom Deploys Ekinops Coherent 100G between Moscow and Kharkov**

**PARIS, January 24, 2013** – Russian service provider [Kvant Telecom](#) has selected [Ekinops](#), a leading supplier of next generation optical transport equipment, to provide coherent 100G transmission between Moscow and the Ukrainian city of Kharkov.

The 100G service is deployed over an existing DWDM system as alien wavelengths and provides Kvant Telecom a massive increase in capacity. It also allows Kvant Telecom to expand its offering to include native 100G services for its diverse domestic and international customers.

Kvant Telecom, founded in 2007, offers a broad range of communications services to commercial and residential customers via more than 1,500 kilometers of fiber and more than 100 nodes throughout eastern Russia.

The Ekinops 100G equipment is part of the Ekinops 360 family and is extremely compact at just 1RU height. It can be configured as a 100G transponder or 100G muxponder for aggregation of 10G services into 100G. The Ekinops 360 devices are located in Moscow and Voronezh in Russia and at a collocation site in Kharkov in Ukraine. From Kharkov, the 100G link is further extended to Kiev and Lviv in Ukraine, and then on to Frankfurt, Germany.

"The ultra-high performance and small form factor of our Ekinops 360 platform allowed Kvant Telecom to seamlessly integrate our 100G solution," said Didier Bredy, CEO of Ekinops. "This complements the Ekinops 20G services already deployed over their existing DWDM network for more than a year."

"The Ekinops solution is meeting perfectly our technical expectations," said Alexander Torohov, General Director of Kvant Telecom. "It allows us to address the huge demand we are seeing to connect Moscow with other European hubs. We are particularly impressed by the optical performance of the Ekinops 100G product, its small footprint, low power consumption and cost which will hold down our overall cost of ownership."

The Ekinops 360 is Ekinops' flagship next-generation optical transport platform, providing DWD

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M and CWDM (dense and coarse wavelength division multiplexing) on a single platform for metro, regional, and long-haul applications. It handles service rates from 100 Mbps to 100 Gbps. It offers a broad portfolio of services, including SONET/SDH, Fibre Channel, FICON, video, Ethernet, and Infiniband.

**About Kvant Telecom**

Kvant Telecom offers a wide range of communication services, for commercial properties such as shopping and office centers, warehouses, and hotels, as well as office buildings and residential complexes. Customized solutions range from 64 kbps to 10 Gbps services, delivered over more than 1,500 kilometers of fiber-optic lines and more than 100 nodes throughout the Voronezh, Lipetsk, Novovoroneža, Tula, and Moscow region. We work with leading construction companies, system integrators and equipment manufacturers. For more information, visit [www.kvant-telecom.ru](http://www.kvant-telecom.ru).

**About Ekinops**

Ekinops is a leading supplier of next generation optical transport equipment for telecommunications service providers. The Ekinops 360 addresses Metro, Regional, and Long-Haul applications with a single, highly-integrated platform. Ekinops is a market-leading innovator in 100G transport with its unique all-in-1RU<sup>®</sup> approach that truly optimizes optical networks. The Ekinops 360 system relies on the highly-programmable Ekinops T-Chip<sup>®</sup> (Transport-on-a-Chip) that enables fast, flexible and cost-effective delivery of new services for high-speed transport. Using the Ekinops 360 carrier-grade system, operators can simply increase capacity of their networks – CWDM, DWDM, Ethernet, ESCON, Fibre Channel, SONET/SDH, and uncompressed video (HD-SDI, SD-SDI, ASI). Ekinops is headquartered in Lannion, France, and Ekinops Corp., a wholly-owned subsidiary, is incorporated in the USA. For more information, visit Ekinops at [www.ekinops.net](http://www.ekinops.net).

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