

EKINOPS DEPLOYS 100G COMPATIBLE SINGLE-FIBER SOLUTION FOR NEW CELIENO NETWORK

PARIS, October 20, 2015 – Ekinops, a leading provider of next-generation optical transport solutions to carriers and private network operators, has deployed a single-fiber solution, upgradable to 100G (100 gigabits per second), for the Paris-Chartres section of the new Celiéno optical network.

REG.I.E.S. (Regie Intercommunale d'Energies et de Services), a utility and telecom company that provides electrical, gas and high-speed broadband services to the Chartres region of northern France, is developing a major optical fiber network in the Eure-et-Loir region of France. This network, named Celiéno, will provide operators and telecom service providers with an optical fiber infrastructure to bring very high speed services to users. The Celiéno infrastructure is designed to bring fiber to homes and businesses and to incorporate wireless local loops.

To handle the increased data traffic on its network and offer higher bandwidths to key customers, Celiéno evaluated equipment from several providers for increasing the capacity of its optical links between data centers in Chartres and those in the Paris region.

Celiéno chose the 100G-compatible single-fiber solution from Ekinops to deploy a multi-protocol DWDM (*Dense Wavelength Division Multiplexing*) link which can handle multiple wavelengths in both directions, transmitting and receiving over a single optical fiber. The use of optical amplifiers and DynaFEC[®] forward error correction technology from Ekinops allows several protocols to be transported over long distances without the need for repeaters.

With the Ekinops single-fiber solution, Celiéno can reduce recurring fiber costs and gain better control over future capacity upgrades. The solution deployed by Ekinops will allow for rapid upgrading, thanks to its coherent 100G technology.

“Since 2006, we have been using the high-end 10G platform developed by Ekinops. This has proven itself to be extremely reliable and performs very well,” said Alain Guillottin, Director of REG.I.E.S. *“In order to reach this new and important milestone in the development of our network, we wanted to re-evaluate the solutions offered by the main providers in this market. On conclusion of the consultation, we are particularly happy to be able to continue our collaboration with Ekinops, who has offered us a high-performance single-fiber solution which is both technologically advanced and can be upgraded to 100G as we grow our capacity in the future.”*



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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 a coherent line of products that truly optimizes optical networks and comes in 1RU, 2RU or 7RU chassis. The Ekinops 360 relies on the highly-programmable Ekinops T-Chip[®] (Transport-on-a-Chip) architecture that enables fast, flexible and cost-effective delivery of new services for high-speed, high-capacity 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.



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For more information, visit www.ekinops.net