

Press release

Ekinops addresses need for DSLAM backhauling and expands optical transport platform

Paris, August 28th, 2006 - Ekinops, a leading provider of DWDM, optical transport and aggregation solutions, today announced a new backhauling solution targeting DSLAM networks. The new backhauling solution, available now, broadens the Ekinops aggregation product line by offering increased multi-protocol support and ADM functionality. It is based on the PM 1008 DC which is optimized for DSLAM and 3G mobile backhauling and for high-capacity Metro DWDM networks, as it efficiently accommodates the high-capacity Ethernet links as well as ATM uplinks.

To profit from new high-bandwidth video services, such as IPTV and VOD, and to meet increasing demand for bandwidth, carriers are seeking to evolve their broadband networks cost-effectively. Delivering greater capacity by deploying additional DSLAMs necessitates a flexible backhaul solution. The main approaches today for backhauling multiple services over fiber are SONET / SDH ADMs, WDM systems and 10 Gigabit switches. Ekinops' new PM 1008 DC-based backhauling solution combines the benefits from all these traditional alternatives while offering significant cost savings to carriers.

"Carriers are now deploying their second generation DSLAMs, which have Gigabit Ethernet uplinks" noted Didier Bredy, Ekinops' CEO. "Ethernet switches were initially considered as a backhaul option, but for a backhaul solution to be effective it must also handle the ATM uplinks that are common on first generation DSLAMs. Our flexible platform supports both kinds of interfaces and helps carriers support their legacy and future applications at wire-speed."

The new solution uses TDM to aggregate a combination of multiple GbE, OC-3/STM-1 and OC-12/STM-4 signals over one OC-192/STM-64 wavelength. It can then employ WDM to multiplex several wavelengths on one fiber. Each wavelength on the network can aggregate multiple and different protocols including GbE, FE, Fibre Channel, OC-3/STM-1, OC-12/STM-4, OC-48/STM-16 and OC-192/STM-64. Multiple units can be daisy chained (DC) to create metro rings and signals can be added and dropped at each site. Using aggregation reduces the number of wavelengths in the network and provides a lower cost solution compared to any of the other alternatives.

"Ekinops has developed an elegant solution to backhauling," said Eve Griliches, Research Manager, IDC. "Aggregating both GbE and ATM on the same wavelength provides a

migration path for traditional DSLAMs as well as supporting IP DSLAMs at very low cost points compared to alternative approaches."

About Ekinops

Ekinops is a provider of innovative optical transport and aggregation solutions for service providers and enterprise networks. Its advanced TDM technology enables the wire-speed aggregation and transport of multiple high-speed data channels using standard 2.5G and 10G signals, significantly lowering the cost of building and maintaining scalable optical networks. Ekinops' carrier-grade solutions leverage expertise in 10G transmission, aggregation and Forward Error Correction to allow carriers to increase transport capacity over dark fiber, CWDM, DWDM, SONET/SDH and IP networks. The company is headquartered in Lannion, France, with sales offices in Paris, as well as Washington, D.C., and Los Angeles, CA. More information about Ekinops is available at www.ekinops.net

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