

Ericsson supplies DWDM ERION to SONERA

- Gigantic optical highway from Central Europe via Denmark, Sweden and Finland and on to Moscow

Ericsson today announced they have signed a contract to supply the major part of an optical trunk DWDM networking solution to Sonera, Finland. Their ERION™ solution will be used to enhance the optical highway between Central Europe - Copenhagen - Stockholm - Helsinki and on to Moscow. Total length of the network will be over 7.500 kilometers.

The already existing optical cables have reached its limits in capacity and will now be boosted by deploying the latest optical technology by Ericsson. The ERION™ *Linear* DWDM system, designed to carry 10Gbps in each separate wavelength, will be used along the route.

“With the Ericsson optical networking, ERION™ solution, Sonera does an upgrade into new high speed optical technology, enabling a tremendous increase in network traffic capacity, in a transport sector growing tremendously,” says Mr. Tuomo Kokkila, Director of International Sales of Sonera Carrier Networks. “The IP traffic and 3rd generation mobile services are the main generators of the requirements and with this solution we will now be able to offer our customers not only a more reliable service, but also a better management overview, at the same time as we can meet the expansion in traffic volumes.”

With this new optical highway, several different traffic types are multiplexed into combined high traffic volumes and carried over the network with its own individual optical wavelengths. The network is designed to carry 320Gbps on each pair of fibers. Sonera was the first operator to select Ericsson as its vendor already four years ago, when the first products were released to the market. The ERION product portfolio reduces the operators' investment, improves overall network efficiency and cuts operating costs, for any traffic application.

“Ericsson's optical research team has since these days developed the technology much further, and Ericsson has now captured a strong foot-hold in the DWDM marketplace not only within trunk networks, but also in the metro region,” says Dr. Per O. Andersson, Director Products and Solutions, Optical Networks within the Ericsson-group. “Today's market demands have created a strong pull for carrier-class optical products where we, as world leading supplier, can solve and deploy these demands quickly and reliably.”

Ericsson is the leading communications supplier, combining innovation in mobility and Internet in creating the new era of Mobile Internet. Ericsson provides total solutions covering everything from systems and applications to mobile phones and other communications tools. With more than 100,000 employees in 140 countries, Ericsson simplifies communications for customers all over the world.

Read more at <http://www.ericsson.com/pressroom>

FOR FURTHER INFORMATION, PLEASE CONTACT

Isabella Laihorinne-Smedh, Press Manager, Corporate Communications

Phone: +46 70 551 0369

E-mail: isabella.laihorinne-smedh@lme.ericsson.se

Jouni Väänänen, Account Manager, Ericsson Finland

Phone: +358 400 812 576; E-mail: jouni.vaananen@lmf.ericsson.se

Dr. Per O. Andersson, Director Products and Solutions

Optical Networks, Ericsson

Phone: +46 70 652 5677, E-mail: per.o.andersson@etx.ericsson.se

About DWDM and ERION

The ERION products by Ericsson based on the DWDM technology - the key optical networking technology, that operators are deploying today, to maximize the capacity of fiber networks. The ERION optical networking solution also offers the prospect of a flexible, scalable, managed optical network, with the built-in traffic protection, reducing costs. The ERION *Linear* offers an economical architecture optimized to meet the needs of the emerging datacentric optical networking applications, with an open architecture.

DWDM technology provides many times the capacity of traditional Synchronous Optical Network systems (SDH/SONET) by making it possible to transmit multiple “colors,” or wavelengths of light, over a single fiber. ERION, Ericsson’s intelligent optical networking portfolio, provides a flexible, scalable and secure solution to the problems of increasing demand for bandwidth in long haul metropolitan core, and access transport network architectures.

Beside the trunk ERION *Linear* solution, the portfolio also includes a Wide Area Metro, (WAM) ring solution - the ERION *FlexRing* which supports both hub and meshed network topologies and is optimized for ring circumferences of up to 500km. ERION *Metro* its subsystem is designed for metro access networks with circumferences of up to 100km.

Over 500 ERION systems are installed throughout the world for applications including IP, CATV, Gigabit Ethernet and SDH/SONET.

The ERION family of products also allows access to Ericsson’s Packet Backbone Network (PBN) - an architectural model for next generation backbone network and portfolio of carrier-class IP and ATM data products. With PBN, service providers are able to configure highly scalable end-to-end multi-service networks with telecom-grade resilience and serviceability.