

## **Ericsson supplies DWDM ERION to Korea Telecom**

**Ericsson has announced the signing of a new Optical Networking contract with Korea Telecom. Included in the contract are products from Ericsson's DWDM ERION™ portfolio.**

Ericsson's ERION™ *FlexRing*™ solution based on OADM (Optical Add Drop Multiplexer) passed the Korean benchmark approval ahead of the 5 major foreign vendors that participated in the test. ERION's ring type DWDM systems will be installed at the major cities to connect long distance areas. Through this, Korean Telecom (KT) will be able to offer high speed Internet service at the most reliable and compatible backbone network. As the traffic of the high speed Internet grows tremendously, today's market demands have created a strong pull for carrier-class optical products that can be deployed quickly and reliably.

The ERION products by Ericsson, based on the DWDM technology, are the key Optical Networking technology that operators are deploying today in order to maximize the capacity of fiber networks. The ERION Optical Networking solution also offers the prospect of a flexible, scalable, managed optical network, with built-in traffic protection, reducing costs. The ERION *FlexRing* has a unique and economical architecture that has been optimized to meet the needs of the emerging datacentric optical networking applications, with an open architecture, in addition to employing the optical layer protection at a wide area (500km).

"We were extremely satisfied by this order of the ERION *FlexRing*, and we understand that KT is also impressed by its flexibility and ease of implementation," said Janos Fugedi, President of Ericsson, Korea. "This high-quality network solution actually lowers the operators' total cost of operations while allowing significant scalability benefits to their current network capacity. This Optical Networking solution enables the combination of quality and ease of use and provides the highest level of service, while ensuring lower overall voice and data services costs to KT's customers."

*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**

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### **About DWDM and ERION**

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.

The capacity of Ericsson’s 2-fiber optical self-healing ERION *FlexRing* is presently 80Gbs. The ERION *FlexRing* supports both hub and meshed network topologies and is optimized for Metro Core networks with 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.