InfiNet
w i r e l e s s

الاتصالات المتكاملة
INTEGRATED TELECOM

Requirements

- Dedicated bandwidth for ultra long distance;
- Reliable WiMAX service delivery;
- Highly cost effective price;
- Fast and effective technical support.

Solution

- InfiNet's R5000 family of products;

The benefits

- Wireless transmissions in excess of 80 km;
- Highly cost effective technology in comparison to wired-connection;
- Standalone monitoring;
- High reliability and connectivity;
- Multiple Input/Multiple Output (MIMO) 2X2 architecture.

InfiNet powers ultra long distance WiMAX for Saudi Arabia's leading telecoms provider

Integrated Telecom Company (ITC) is one of Saudi Arabia's leading telecoms service providers. Established back in 2005, ITC is committed to providing the best next-generation data, connectivity and internet services for its business customers and consumers throughout the kingdom.

ITC's extensive network infrastructure includes a 17,000-kilometer, state-of-the-art Saudi National Fiber Network (SNFN) connecting all cities in the kingdom.

Although ITC also offered microwave, FTTx and VSAT access to customers it wanted to complement these with WiMAX both to reach non-served areas and to service customers with requirements for bandwidth and reliability which could not otherwise be met.

The solution

ITC partner European Telecom International chose InfiNet's R5000 family of products for last mile wireless point to point access. Specifically the R5000-S, R5000-L, R5000Sm, R5000Lm, R5000Mmx and R5000Omx antenna products.

InfiNet offered not only proven hardware reliability but a wide range of products providing wireless transmissions in excess of 80 kilometers. All of this was made possible at a highly cost effective price and with fast and effective technical support.

Since installing the R5000 family of products in ITC's extensive network, European Telecom International has been impressed with the reliability of the service – providing high bandwidth even across ultra long distances. Much of this is due to InfiNet's Multiple Input/Multiple Output (MIMO) 2X2 architecture which requires two antennas at the transmitting and receiving end to improve stability. The standalone solution has proved highly cost effective and required minimal technical support. A win-win all round for Saudi Arabia's leading telecoms service provider.