

Newsletter 1 - May 2006

Dear InfiNet Wireless Partner,

Product News**OFDM for 2.4GHz**

New 2.4GHz models which are also capable of working in an extended frequency range (2.312 - 2.482 GHz) will now support OFDM technology. This will ensure highest noise immunity, nLOS capabilities and higher throughputs which will surpass current 2.4GHz in more than two times. InfiNet Wireless offers models both in indoor and outdoor modifications; for outdoor modifications dual-radio models are available.

Selectable channel width

All new InfiNet Wireless equipment working in 4.920 - 6.060 GHz will now have Selectable Channel Width options of 5 MHz, 10 MHz and 20 MHz. This new feature will ensure greater flexibility for frequency planning and interference (including self-interference avoidance).

Click here for the [more Product News](#).

**Electronic Saudi Achieves Leading Position in BWA Deployments in Saudi Arabia**

The Electronic Saudi company has become one of the premier wireless system integrators in the Kingdom of Saudi Arabia as well as across the entire Middle East region. The company completed major network deployments utilizing hundreds of InfiNet Wireless router systems over the last 12 months. The routers provide wireless connectivity to highly-remote locations in difficult terrain throughout the country creating both Point-to-Point links as well as Point-to-Multipoint deployments.

Electronic Saudi's wireless networks provide connectivity for myriad locations within Saudi Arabia including military hospitals and municipalities. With a minimal speed of 36Mbps between different locations, the network leverages the unique repeater functionality from InfiNet Wireless routers. In addition, Point-to-Multipoint deployments connect several remote oil rigs with coverage radius reaching 17 kilometers.

Another record deployment of InfiNet Wireless equipment entailed several Point-to-Point links as long as 48 km for the Saudi Ministry of Water. Connectivity was created in this way between their main offices and key water reservoir facilities using powerful 500 mW amplified routers from InfiNet Wireless for Video-over-IP applications.

Click here for the [Case Study](#)

**Ertebat Expands Wireless Networks to 4 More Cities in Afghanistan**

The Ertebat Network Corp., one of the largest Afghani operators, confirmed their plans to expand their wireless network to 4 more large cities in Afghanistan. The cities of Majar-e-Sharif, Kandahar, Kunduz, and Jalalabad will all be built out in Q2 2006.

Ertebat's current fixed wireless access network includes major deployments in Kabul and Herat with more than 20 base stations in each city. The existing networks allows the governmental agencies to provide high-speed data exchange and Internet connection. The users get various services with a speed from 128 Kbps to 1 Mbps. Ertebat's customer base consists of different nongovernmental, humanitarian and governmental organizations and also includes big commercial enterprises.

The project was implemented using InfiNet Wireless routers (IWR 5000 series), designed for building fixed broadband wireless networks at 2.4 GHz and 5 GHz frequency bands in both Point-to-Point and Point-to-MultiPoint diverse topologies.

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**WISP in Siberian City of Omsk for SME, Surveillance and Telemetry**

A major wireless project was launched recently in the Siberian city of Omsk. The project was initiated by Omsk-Info, one of Siberia's leading ISP. The city-wide wireless network operates in the 5.25-5.35GHz band with extended-temperature routers from InfiNet Wireless. Temperatures in Omsk vary from -40 to +43 celcius, thus requiring special weatherproofing measures. InfiNet Wireless equipment was chosen for the project due to its outstanding network performance as well as geo-specific differentiators for extreme climates and terrains.

Key Services provided:

- High-speed internet connection
- Corporate VPN
- Local and long-distance VoIP telephony
- Transport for Video Surveillance systems
- Telemetry and POS/ATM (cash machines) connection

Omsk-Info targets its services to major corporate accounts, ISPs, banks, mass media, large retailers, health care and education. Blue chip customers include the National Savings Bank of Russia as well as the local TV broadcasting company.

We are going to interconnect branch offices which don't have broadband connectivity. We also have a new initiative for broadcasters which will allow live TV broadcasts from anywhere in the city. Our main goal is to build a region-wide reliable broadband wireless network, using state-of-the-art technologies at affordable price points from the domestic vendor, InfiNet Wireless, said Irina Bondareva, Director of Omsk-Info.

Click here for the [Case Study](#)

**Upcoming Events****IWCE 2006****17 - 19 May 2006, USA, Las-Vegas**

International Wireless Communications Expo - is the place where all industries and communications professionals come together to share thoughts and ideas on wireless communications technologies. IWCE is North America's largest, annual wireless communications technologies show with over 350 exhibitors showcasing the latest in wireless communications technology. The conference is focused on Technology End User, Public Safety Professional, Wireless Service Provider, IT Professional, Dealer or Consultant who is implementing wireless technologies. InfiNet Wireless will exhibit at IWCE (Booth 353).

**WiMAX World Europe 2006****22 - 24 May 2006, Vienna, Austria**

WiMAX World Europe Conference & Expo will be held May 22-24, 2006 at the Austria Convention Center in Vienna. WiMAX conference is the place where you can meet one-on-one with the leading WiMAX equipment manufacturer's, service and solution providers, VOIP and system integrators.

WiMAX World Europe will offer high level of speakers and depth of information. Conference provides an invaluable one-stop shop for operators, vendors, investment groups and enterprises seeking objective and in-depth viewpoints on this exciting technology - its opportunities, threats and likely progress. InfiNet Wireless will be exhibiting at WiMAX World Europe (Booth 300).

