



InfiNet drills for success at China Petroleum and Chemical Corporation

Requirements:

- Network capable of carrying video surveillance traffic reliably
- High capacity to collect and transfer oil-well data
- Wireless solution that could be deployed rapidly and cost-effectively

Solution:

- PTP R5000-Mmx 34 R5000-MMX 23 dBi (Integrated Antenna)
- R5000-Lmn 28 deployed
- PTMP R5000-Omxb 41 deployed as the base, R5000-smnc 113 and R5000-lmnc 65 subscribers terminals deployed
- InfiNet NMS(Network Management System)

Benefits:

- Video surveillance traffic works without jitter or delay
- Highly reliable solution
- One network management system for entire oil field

DongYing Oilfield, in the ShanDong province of China, run by China Petroleum and Chemical Corporation, is a crucial part of the local economy and one of the largest oilfields in the People's Republic of China. Critical to the successful operation of the site is reliable oil well data collection and transfer and a video surveillance system to keep the site secure.

The oilfield had an existing system that was ten years old. It approached local integrator, BoDaXun, to find a solution that would both meet its current needs and also future proof the network for years to come. BoDaXun recommended InfiNet's solution of point-to-point and point-to-multipoint infrastructure that provides a cost-effective, stable and reliable wireless network with low latency.

BoDaXun deployed InfiLINK 2x2 products to act as the oil tower data transfer background and InfiMAN 2x2 subscriber terminals to provide the optimum performance to China Petroleum and Chemical Corporation. The company was impressed by the simplicity of installation and ease of alignment, the flexibility, the high reliability and the ease of network management, not to mention added features such as spectrum analysis, advanced QoS, the net throughput calculation and the support offered by BoDaXun.

China Petroleum and Chemical Corporation can now successfully and reliably run DongYing's video surveillance solution over the same network as their data transfer with no worries about image quality, jitter or buffering, thanks to the superior performance of InfiNet's products. The company has one system to manage all of the units in the oil field, reducing complexity and increasing efficiency.