



Netronics: Pumping Up Productivity



Few markets have more to gain from reliable, high-capacity wireless broadband solutions that cover dozens or even hundreds of square miles than the oil & gas industry. Reduced lifting costs, remote video surveillance, VoIP and even multimegabit mobile access over water or on wheels can be delivered under a single solution. But the big benefits can only be realized using solutions that are specifically designed for the harsh oil & gas environment.

Oil, Gas & Industrial Applications



Netronics Broadband Wireless Offering: Oil, Gas and Industrial Communications



Asset Tracking

Oil & gas, mining, refining and other industrial operations include moving and re-locatable assets. Continuously and effortlessly track the location of every critical asset in the field, in real time, to improve operations and enhance safety and security.



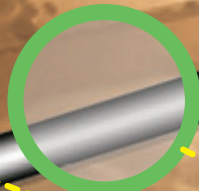
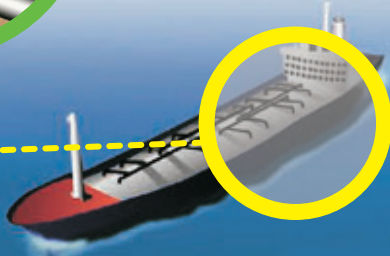
Surveillance and Monitoring

Miles of unprotected pipeline make an attractive target. Expensive wellhead equipment can be vandalized. Netronics solutions enable you to efficiently keep an eye on your remote high value sites, for both security and operational data.



Real-time Seismic

Seismic surveys create... locations. Now that data... headquarters for immedi



Rig-to-ship & Rig-to-shore Communications

Transmit critical information to and from an inbound tanker or maintenance boat. Conduct a video conference or remote training session between an off-shore platform and corporate headquarters.



IP to the Well

As IP networks ex... in the near future... Mbps of communic... only cost-effective... such performance

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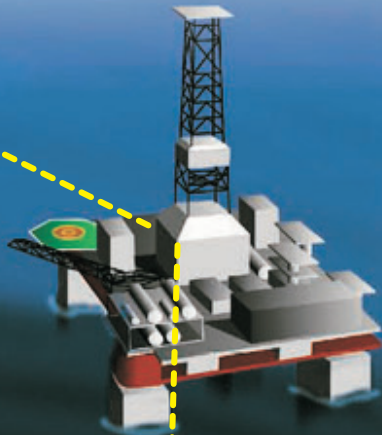
Big Data

The vast amounts of data in remote sites can be wirelessly sent back to the office for immediate analysis.



Spill Prevention & Monitoring

Platform over-flights to detect and monitor off-shore spills are expensive and time consuming. Better and real-time results can be achieved in a far more cost-effective way by monitoring remote platforms over high-resolution wireless video links.



Wellhead

As demand for data extends to the wellhead, experts predict that each wellhead will require 5 Mbps to 7 Mbps of communications capacity. Wireless broadband is the most effective solution to deliver data to the office.



Remote Office Solutions

Keep work crews connected and get access to VoIP, SCADA data and email even while traveling between remote sites. No more leaving the field to file or collect reports.

Communications Infrastructure in the Oil Field: Wireless is the Way

The oil patch is a dynamic place where things constantly change, the environment is unforgiving and the locations are often remote. It is a place where function is everything, and everything has a purpose. That purpose is to squeeze out every possible drop of productivity. In the modern oil field effective communications networks are key to enabling and maximizing efficiencies and driving down overall lifting costs. Today, the best communications infrastructure technology for the oil & gas industry is wireless broadband.

Unlike traditional point-to-point microwave, wireless broadband or "WiMAX" refers to wireless cells many miles in diameter, each enabling anyone or anything within the footprint to be connected. This "multipoint" method of access is very economical and provides extremely reliable links and excellent redundancy options to ensure that you remain connected. Solutions from Netronics can provide over 120 Mbps of capacity in each such cell – enough to support many concurrent applications across the operational region.

Netronics in the Oil Field: As Rugged as the People, Places, and Machines it Must Connect

Netronics is a global wireless broadband and WiMAX leader and is legendary for its rugged gear. Whether the need is a televised expedition to the summit of Mt. Everest, scientific weather research up in the ionosphere or the remote operation of mining cars deep underground, Netronics has been building broadband wireless networks in harsh environments for over a decade.

Netronics manufacturing is ISO certified and its products undergo rigorous environmental testing to include salt spray, water immersion, and dust intrusion. Netronics award winning products enjoy a mean time between failure (MTBF) of over 11 years. All of which explains why from the Gulf of Mexico to the oil fields of Venezuela and to the Yellow River delta in China, Netronics WiMAX and wireless broadband access solutions are deployed by many of the leading oil & gas companies.

Netronics oil & gas solutions offer unequalled coverage and capacity – to over 300 square miles and over 120 Mbps throughput per cell, supporting frequencies 2.4 GHz to 5.8 GHz and address the major bands of every global region and regulatory authority. By offering both licensed and unlicensed solutions, regardless of where in the world your field is located, Netronics has a wireless solution to suit your needs.

With built-in hardware based AES encryption, virus protection features, advanced VLAN support, you always know that your network is secure. With Netronics advanced technology offering over 250 simultaneous VoIP calls per sector, real-time prioritization of multimedia packets like video and QoS mechanisms, you can be confident your network will support the diverse mission critical applications you need to provide.



**Keep an Eye on
Critical Remote Assets**



About Netronics

Netronics® is a leading designer and manufacturer of networking and communications equipment based in Vancouver, Canada. Our product portfolio consists of data and voice communications and networking equipment based on the latest radio and wireless communication technologies.

Netronics have provided its market with high quality and highly reliable carrier class equipment serving the different market sectors from large government organizations, to enterprises in oil and gas and banking sector, to telecom service providers, and down to small Internet service providers.

As a provider of wireless communications and voice/data transmission equipment needed for today's bandwidth thirsty market, Netronics have successfully leveraged its technical knowledge in provision of connectivity to urban and rural areas in many developing countries, where wireless communications is the most suitable connectivity solution.

Our rich portfolio includes the performance leading NetMAX, the complete WiMAX solution with migration path from Wi-Fi to WiMAX.

The high throughput and extremely reliable NetLink F series and the low cost and feature-rich NetLink L series made it possible for our clients to provide high availability high speed solutions to their users with one of the best price/performance ratios in the market.

Netronics: Pumping up Productivity

The following field-proven Netronics systems are ideal for improving communications and operational efficiency in oil, gas and industrial operations:
NetLink F, NetLink MP, NetMAX™, NetPoint, NetStream.



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