Elevate Wireless

We Connect Industrial Hardware

Industry Applications—

Water & Wastewater
– High data rates allow for faster polling.
– Ability to add video monitoring in critical locations.
– Standard AES 256 bit encryption support to secure critical communications channels from unauthorized use and interception.

Remote Applications
– 100% testing over full –40°F to +167°F operating range
– Reliable communications in harsh environments
– Low power consumption

Industrial Controls
– I/O option for integration of ModBus RTU, ModBus TCP and DNP3 protocols into a unified wireless network

Oil & Gas
– Bandwidth for expanding IP-based control systems & video monitoring
– Unified serial and IP/Ethernet infrastructure
– Licensed options for congested unlicensed areas
– Low power consumption

Electric Power
– Distribution Automation
– Substation Automation
– SCADA
– Grid Sensors
– Voltage Optimization

Complete Wireless Solutions for Industrial Connectivity. Founded in 2015, our team comes with decades of experience in radio, networking and support. We focus on solutions designed for use across multiple industries and applications, built to meet diverse needs and reduce the cost of implementation and network management. We use our expertise to guide our clients to the most effective solutions, providing complete support to ensure reliable performance.

We are committed to providing an outstanding customer experience through reliable customer service and technical support. We offer complete hardware solutions, from radios to antennas, supporting accessories and custom design.

We've completed projects ranging from: multi-band radio networks, solar/battery backup systems, remote sensors, offshore communication, mobile data acquisition, bluetooth integration and many more.

Featured Products—

The Xeta Series software defined radios use multipoint, multispeed networks where radio links vary in distance and signal strength, allowing for flexibility and faster speeds.

Several variations available, including dual radio models (Xeta9x9 or Xeta4x4), which allow for seamless repeaters, dual master radios, or true full duplex performance. Also available with an integrated I/O option to provide Modbus RTU, Modbus TCP or DNP3 compatible fully wireless networks. Board level options also available.

Based on an advanced Linux-based platform, radios support both routed and bridged modes, CSMA based mesh networks, built-in advanced diagnostics and testing tools, SNMP v1/2/3 support for radio operating parameters, and easy AES 128 or 256-bit encryption capability. The same hardware can be used for both serial and IP-based networks, future-proofing your system for years.

Xeta1 VHF
• Data rates up to 68 kbps* in licensed 150-173 MHz band using a 12.5 kHz channel and 91 kbps* at 25 kHz.
• Power output from 100-5000mW (10-37 dBm)
• Lowest power consumption in its class

Xeta9 900 MHz
• Industry leading unlicensed FHSS and DTS modes allow for data rates up to 4.4 Mbps*.
• Operates in the 902-928 MHz unlicensed ISM band as well as the licensed 928-960 MHz band

Xeta4 UHF
• Industry leading data rates on a narrowband (12.5kHz) channel; modulations up to 57kbps* 32QAM at 12.5 kHz and 76 kbps* at 25 kHz.
• Up to 8W transmit power

Service & Support—

We're more than a hardware supplier— we strive to offer complete solutions for our clients from start to finish, including path studies, network design, and unlimited pre– and post-sale technical support.

Our experienced team of technicians can conduct preliminary radio path evaluations and equipment and network design recommendations, including custom solutions.

Live support is available 9am to 5pm, Monday thru Friday, from our Cupertino, California office. Our radio equipment is guaranteed under a 3-year factory warranty and we provide lifetime technical support on hardware.

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*Quoted data rates are radio level modulation rates. User data throughputs vary with application and radio settings. Contact us for more information.

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