

Applicable Features —

- High data rates allow for faster polling
- Ability to add video monitoring in critical locations
- Standard AES-256 bit encryption support to comply with current and future industry standards
- 100% testing over full –40°F to +167°F operating range
- Reliable communications in harsh environments
- Low power consumption



We Enable Industrial Connectivity Water and Wastewater professionals face significant challenges when selecting a path forward for network communications. The environment demands high speed, long range, wireless networking devices focused on providing a future-proof network that can be leveraged for many years to come. Elevate Wireless simplifies and reduces the cost of implementation and ongoing management of a wireless communications network by offering services and hardware that meet the diverse needs of this industry.

We've completed projects in both the licensed UHF and unlicensed 900 MHz bands, in both rural and densely urban environments. Our projects range from small point-to-point links, to complex networks of 50+ sites. We work with all major SCADA software providers. Our support services include radio path evaluations, on-site path studies, network design and on-site commissioning.



Featured Products & Differentiators—

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. **Dynamic modulation** automatically optimizes parameters by selectively switching modulation. **AES-128 or -256 bit encryption** capability is available. Easily integrates with all major SCADA software.

Several variations available, including **dual radio modems** (Xeta9x9, 4x4, or 4x9), which allow for seamless repeaters, dual master radios, or mixed band networks. Also available with an integrated I/O option to provide Modbus RTU, Modbus TCP or DNP3 compatible fully wireless network.

The same hardware can be used for **both serial and IP-based networks**, allowing for complete flexibility with network design and future-proofing your system for years.

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 400 MHz

- Industry leading data rates on a narrow-band (12.5kHz) channel; modulations up to 57kbps* 32QAM at 12.5 kHz
- Up to 8W transmit power
- 406-430 & 450-470 MHz versions available

Services & Support—

Founded in 2015, our team comes with decades of experience in wireless communications, networking and support. We use our expertise to guide our clients to the most effective solutions, providing complete support to ensure reliable performance.

We offer full hardware solutions, from radios to antennas, supporting accessories and custom product design.

In addition, we strive to offer comprehensive support for every stage of your wireless network:

- Preliminary Software Radio Path Evaluations
- On-site Path Studies
- Radio Network Design
- On-site Commissioning
- SCADA Improvements & Legacy Migration
- Unlimited Pre- and Post-Sale Technical Support

Live support is available 9am to 5pm, Mon. thru Fri., 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.