



# Elkhorn Power Communicates with PDR 221

Elkhorn proves to have a winning formula for power distribution from a wireless data radio.

**Radius US Inc. the remote control solutions company, are pleased to announce another successful deployment of the Radius PDR 221, Packet Data Radio at Elkhorn Rural Public Power District in Battle Creek, Nebraska.**

## PDR 221 THE BACK HAUL TO SCADA SYSTEM

Elkhorn Rural Public Power Distribution implemented a UHF PDR 221 data radio system to back haul its SCADA information from 25 electric substations and 11 additional outlying remote monitoring points, scattered throughout Elkhorn's service territory. These are to replace their ageing Land Mobile voice radios.

## WIRELESS PERFORMANCE

"We are very pleased with the performance of the Radius PDR 221 data radio system. The PDR 221 radio solution is a dependable and economical product that reach even our furthest substation, 30 miles from the office" stated Rich Eymann Lead SCADA Technician for Elkhorn Rural Public Power District.

## DIFFERING VOLTAGE

Elkhorn RPPD supports more than 2,500 miles of line and 8,400 customers. The district has 25 substations that distribute electricity throughout the Elkhorn district at either 4160 volts (town) or 7,200 / 12,500 volts (rural)

## WIDE AREA TELEMETRY

The Radius PDR 221 data transceiver provides wide area data telemetry for control and monitoring systems using any communications protocol. The transceiver is designed for fixed point-to-point operation environments with specific functionality enhanced for electrical distribution companies like Elkhorn.

**"We are very pleased with the performance of the Radius PDR 221 data radio system"**

The PDR 221 can also be found in many other utility applications, outside of electrical distribution, such as water and waste water, oil and gas pipelines to monitor and control their systems via our own or other companies SCADA system.



In cooperation with:

### Elkhorn RPPD

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