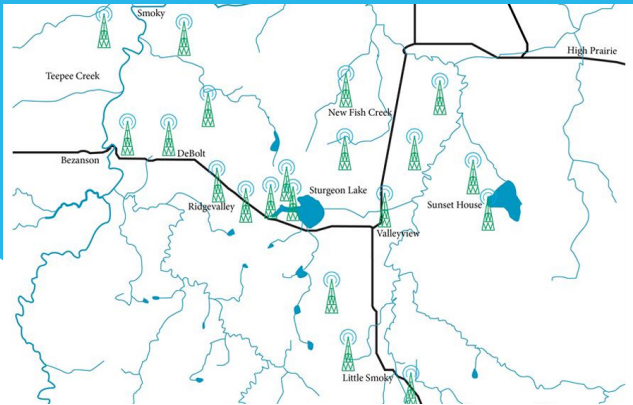


FULL FEATURED CONNECTIVITY FOR BUSINESS AND RESIDENTIAL CUSTOMERS



"We have good relationships with our customers and utility companies. We offer residences 3.5 Mb to replace dial up, and we offer businesses up to 15 Mb to replace or enhance SCADA systems. Now they have bandwidth to do more for less money. With our offerings and customer service, we expect to get referrals."

Glenn Moore, President, IWantWireless

SITUATION

IWantWireless focused exclusively on rural areas surrounding 9 villages and towns in Northern Alberta. Residential customers were using dial up service or expensive air cards for connectivity. Oil and gas businesses were connecting well sites and gas plants with SCADA systems or leased lines, and voice connectivity was sporadic in remote areas where cellular coverage was nonexistent. Customer demand for connectivity was high, and IWantWireless decided to offer residential connectivity up to 3.5 Mbps for voice over IP (VoIP), data and video. They also began to offer business customers up to 15 Mbps for remote desktop applications, Virtual LAN, VoIP and Video on demand.

SOLUTION

IWantWireless wanted a high throughput solution that could be expanded to meet demand while continuing to work smoothly in Canadian winters. For backhaul, they selected Cambium Networks PTP 500 and PTP 600 links as infrastructure for the tower locations. For the access

network, they chose the licensed WiMAX PMP 320 solution complemented with PMP 100 modules at 900 MHz for extremely remote locations.

RESULT

Customer demand continues to increase. For residential customers, IWantWireless is seeing a steady 12 Mbps data rate at 64 QAM on 7 MHz channels to a range up to 20 miles (35 km) on the PMP 320 access network, with most customers more than 12 miles (18 km) from the nearest tower.

For business customers, many have never had 4 - 5 Mbps of throughput available at remote locations before. Oil and gas customers can now replace or enhance SCADA systems, while also having high speed Internet, on site pan/tilt/zoom video surveillance and use VoIP phones while at remote locations. Remote management and meter reading is now a reality.

CUSTOMER PROFILE

Customer demand helped create the name for IWantWireless, a fast growing Wireless ISP in DeBolt, Alberta, Canada. Starting out selling real estate in a subdivision, the company founders created a wireless broadband network to connect and increase the value of the subdivision. Once announced, local residents began inquiring for connectivity as they wanted to migrate from slow dial up connections and expensive air card service. IWantWireless offered reliable service with caps at 50 Gb instead the customary 2 Gb level. The network now covers a 3,600 square mile area and provides data, control, voice and video to business and residential customers.

"We started a year and a half ago with three towers and 100 subscribers. What was once a side line business has had to expand to meet customer demand. We now have 22 towers and 500 subscribers. In the winter we are adding 40 subscribers a month, and in the summer we will be adding 75 subscribers a month."

Glenn Moore, President, IWantWireless