

## INDUSTRIAL APPLICATION

# SASKENERGY - SASKATCHEWAN, CANADA

**CHUGGING ALONG AT -60F (-50C) AT 40KM OF DISTANCE IN EXTREME COLD WEATHER.**

### It Is Cold Out There...

SaskEnergy is a natural gas distribution company that serves more than 325,000 residential, farm, commercial and industrial customers throughout the Canadian Province of Saskatchewan.

About a decade ago, it deployed communications links for sharing enterprise data and mission-critical SCADA information that measure gas line transmission.

Recently, SaskEnergy needed to upgrade to broadband connections due to increased usage of advanced applications by the field sites and offices.

Serving some 92% of the communities, SaskEnergy has the need to cover a large area. Wireless communications was a more cost effective solution to complete their business requirement. However, the extremely cold weather posed a challenge for mounting sophisticated electronics outdoors.

### Overcoming the Weather...

Kevin Exner, Network Solutions Integrator at SaskEnergy, admits to having some initial doubts, given his set of difficult requirements. In the end, he decided to go forward with deploying Solectek SkyWay 5000 systems at the recommendation of Josh Mason of Network Innovations, a local reseller of Solectek products.

The initial phase of the wireless network was installed easily by Network Innovations and has operated through the harsh winter at temperatures down to -60F (-50C). Based on this success, expansion plans are being drawn up to bring additional sites online. with the Solectek wireless infrastructure.

SaskEnergy can now monitor gas data without having to dispatch personnel, which enable them to better manage costs.

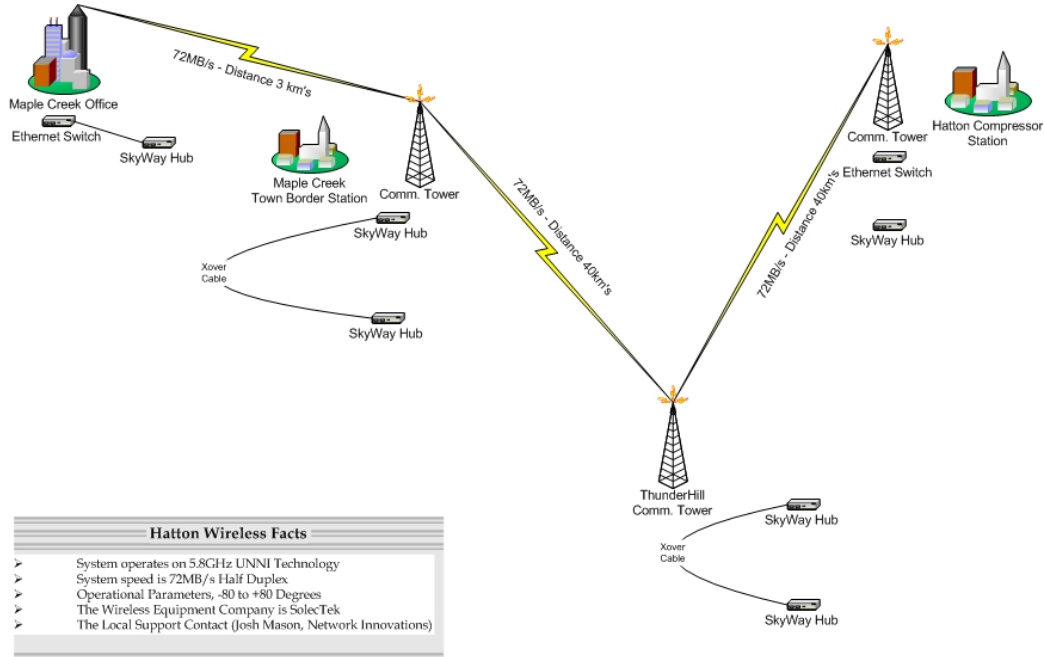


**“You haven’t experienced cold like this until your local weathermen tell you that your skin will fall off in 30 seconds if you don’t cover up. The systems have worked so well through the winter and I am being inundated with requests for information.”**

**Kevin Exner, Network Solution Integrator  
SaskEnergy**

## Hatton Wireless Diagram

Tuesday March 22, 2005



### Current Network

The current network consists of three point-to-point links. Two of the links are spanning 40km (25 miles) of distance. The units are mounted on outdoor communications tower at each of the locations.

### Summary

In choosing the wireless products, three factors were especially important to Kevin:

- ✓ Reliability, especially in extreme weather conditions
- ✓ Ease of installation and management interface
- ✓ Excellent customer support

Kevin feels that he has gotten all of the above from SolecTek and feels proud of the new wireless infrastructure. He adds, "I have latched onto something good here!"

*SolecTek Corporation, headquartered in San Diego, California, designs, manufactures and markets a full line of wireless interconnectivity products. Through technical innovation and steady revenue growth, SolecTek has become a recognized leader in the wireless LAN/WAN connectivity market and the industry market leader in wireless bridges. For more information visit [www.solectek.com](http://www.solectek.com).*