

Wireless Vibration Data Acquisition: Ski Lift Example



With high speed ski lifts costing millions and downtime costing thousands, one modern resort uses technology for increased availability. Drive motor and gearbox condition data is transmitted wirelessly from lift drives to management offices.

Highlights:

- ◆ Wireless transmission spans one mile
- ◆ Internet connection provides remote access and control
- ◆ Spectra, trends, and time waveforms are available for diagnostics and remote monitoring
- ◆ System capability includes e-mail notifications and local alarms
- ◆ Cost effective



One mile wireless transmission
with high gain antennas

