Wireless SCADA Communication Design

System Design:
- Complete in-house radio system design from concept to implementation
- Design with an optimum balance between reliability and cost depending on customer needs

Propagation study & Simulation:
- Accurate preliminary assessment of radio paths based on detailed geographical computer needs
- A radio path simulation coupled with concise field path-tests offer a high degree of confidence in the design of a reliable link

Radio Frequency Path Test & Site Survey:
- Site visits with point-to-point radio field tests to measure the real path, validate the simulations, and identify any physical obstructions
- Measure the presence, direction and strength of any potentially interfering radio signals that may be operating in the area

Industry Canada Radio License Application:
- Complete Government radio license applications and follow the licensing process through until approval

Radio Equipment Installation:
- Install radio and antenna equipment in new and existing control panels to comply with local regulations

Radio System Troubleshooting:
- Fast and efficient fault finding in any wireless system with the use of specialized cable, antenna and radio-spectrum analyzers that measure critical performance parameters at high frequencies

Radio System Preventative Maintenance:
- Routine maintenance to ensure that your radio system is performing at peak performance and identify signs of problems with radio equipment, RF-cables and antennas before they fail