



TELECOM SOLUTIONS

PTW Energy Services offers a complete line of telecommunications services & expertise across Western Canada. This includes fiber optic services, tower installation / maintenance, and all legacy radio systems. We provide custom solutions for our clients based on their communications requirements. Our ability to mobilize quickly and provide effective solutions, ensure our clients minimal downtime and project success.

FEATURES

- Safety is of utmost importance at PTW — all employees strictly adhere to all regulations and PTW's comprehensive health and safety program
- Our telecommunications technicians are trained in tower inspections that meet CSA-S37 standards
- Our Technicians are fully trained in Tower Climbing Safety & High Angle Rescue
- PTW is a certified member (Network of Preferred Installers – NPI) of Corning Optical Communications and the largest member of the NPI program in Western Canada. This enables us to provide our clients with up to 25 years warranty on products and installation at no extra cost

Fiber Optics

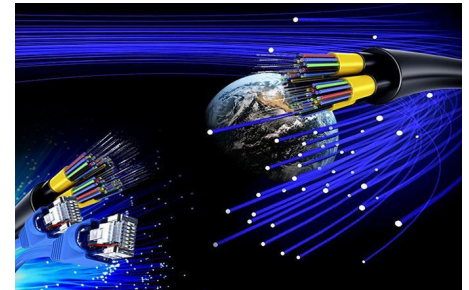
- Member of the Fiber Optics Association (FOA), Certified Fiber Optics Technician (CFOT), and BICSI
- Able to design and construct outside plant (OSP), aerial, and sub terrain fibre optic systems
- PTW uses the latest technology to verify installation integrity including OTDR, OLTS, and network certified equipment

Fiber Optics Pipeline Leak Detection

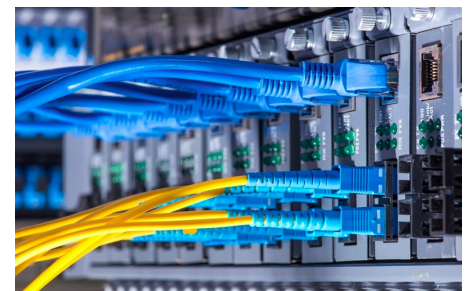
- PTW has aligned itself with leaders in the industry for pipeline leak detection. This cutting edge technology not only ensures pipeline integrity, but also mitigates potential hazard to the environment
- In addition to pipeline integrity, this technology also allows for the transportation of network data

Tower Installations and Inspections

- PTW offers a turnkey solution including engineered microwave links, SCADA systems, and 2-way voice radio communications.
- Installation and maintenance of towers up to a height of 45 meters
- System design catered to meet the client's needs complete with NAVCAN, Transport Canada, & Industry Canada applications.



CORNING
NPI Network of Preferred Installers





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VALUE-ADDED BENEFITS

- Path studies and link loss budgets remove the guess work when creating new connections, ensuring a solid communications link.
- Protocol analysis and system troubleshooting
- Systems are designed / built using the latest technology and capable of moving large segments of data.
- Fiber optic arc flash systems are capable of reducing costs and potential damages caused by lightning strikes and/or high voltage power surge.

APPLICATIONS

- Oil & gas
- Renewable energies (Wind and solar)
- Geothermal
- Pulp & paper
- Mining
- Commercial
- Security / CCTV

