



Founded in 1967 and headquartered in Montreal, Quebec, Telecon is Canada's leading telecommunications network infrastructure services provider, leveraging its national presence, network of 3,000 professionals, client relationships and 50-year history to offer industry-leading design, infrastructure and connectivity solutions to telecommunications companies nationwide.

Resources

An unparalleled national footprint and a large, proficient and multidisciplinary team.

Know-how

Expertise in design, infrastructure and connectivity services for wired and wireless telecommunications networks.

Adaptability

A comprehensive suite of telecommunications network deployment services to suit projects of all sizes and complexity.

Client focus

Well-established and long-standing relationships with Canada's key telecommunications providers.

Trust

Committed to successfully meeting its clients' needs safely, on time and on budget.

Excellence

Recognized for its reliability, efficiency and high-quality delivery of telecommunications network deployment services.

Fiber to the Home (FTTH)

More than
2.5
million
homes
passed

The Telecon Success Factor

It is a well-known fact that the fast-paced evolution of technologies and their surrounding ecosystems has radically changed the day to day lives of many people. Now more than ever, North Americans need superior internet speed through optimal fibre optic connections. Telecon is recognized for its technical expertise in every aspect of such an endeavour: design, engineering, construction and maintenance. Our experienced team ensures the management and coordination of each step by using a network of excellent resources. With a wide range of expertise, we are able to provide construction and engineering services of the best quality.

Our Strengths

- Single Point of Contact (SPOC) for all activities related to deployment;
- Unique accountability for quality, costs and delivery;
- Dedicated multidisciplinary teams working together on site under a single leadership to produce the best constructible cost-effective design, which enables:
 - design optimization to reduce overall costs end-to-end;
 - shorter cycle times achieved through reduced handoffs between activities;
 - reduction/elimination of delays for work-plan revisions, performed on the spot in the field in a collaborative team partnership.
- A **predictable** delivery model where the forecasted outcome is what we deliver.



FTTH

OUR END-TO-END SERVICES

Design & Architecture

Precise assessment of needs and macro outline of fibre network.

- Preliminary planning of optical presence points taking in consideration distances and terrain conditions;
- Planning of service points such as fibre hubs and shared access points;
- Validation of existing aerial and buried infrastructure;
- Elaboration of connection points;
- Assessment of material quality and quantity needs such as cables sizes, poles, cable boxes, etc.

Detailed Engineering

In-depth conceptualisation of plans including constructability optimization.

- Detailed design of cable networks including primary and secondary outlines;
- Detailed conception of structures such as pole networks, underground networks and identification of waterways;
- Elaboration of detailed plans considering all roads, poles, houses, types of terrain, etc.;
- Evaluation of environmental impacts.

Construction

Complete undertaking of infrastructure construction.

- Project management and execution with direct labor workforce and strategic equipment;
- Directional boring and associated HDPE duct placing;
- Duct bank construction and conduit placement using either an open trench or a directional bore technique;
- Cabinet placement or relocation as well as related manhole construction or rehabilitation;
- Aerial, buried and underground cable placement, including splicing and testing as well as installation of poles and strands.
- Specialized testing, including fibre optics conformity and commissioning tests.

Maintenance

Our maintenance services are available on an annual basis or as a multi-year contract. We include any work related to breakage as well as displacements, additions and removals.

Turnkey Service

Telecon offers these services individually, but also has the experience and expertise to provide turnkey packages for projects of any proportion and deliver a network fully ready to be connected. An ideal solution for any telecommunications project, this service effectively limits the required number of sub-contractors while providing top-quality results.

