

Voice and Data Technology



Morrison Hershfield helps a variety of public and private sector clients define needs, evaluate existing systems and then design and implement a range of voice and data technology solutions.

Our expertise includes:

- **Project and program management**
- **Assessment and evaluation**
- **Planning studies**
- **LAN/WAN engineering**
- **Inside plant and cabling design**
- **RFID**
- **Procurement**
- **Testing and validation**
- **Construction management**



Telecommunications
Infrastructure for
Industrial Site



Alberta SuperNet
Wireless Network



Firenet
Communication
System Audit



Wireless Voice and
Data Roadmap,
Municipal Police



Microwave Path
Profiles, Power Utility



Telecommunications Infrastructure

The key telecom components for this large-scale industrial site development included a looped optical fiber plant, wireless connectivity, voice mobile radio network, structured cable plants and mission critical facilities (data centers). The system architecture included support and/or capacity for connectivity to site, LAN/WAN, telephony, security, alarm systems, construction and emergency communications, automation and instrumentation and control systems. Our scope of work included evaluating numerous alternatives and technologies, creating preliminary network architecture, cost estimating and completing the design basis memorandum.



Wireless Voice and Data Roadmap

The objective of the project was to develop a wireless technology road map for a metropolitan police service. We developed a road map that sets out and justifies the directions and costs to acquire and implement wireless services over a five-year framework. A vital component of the map was the business and technical requirements necessary to prepare a request for proposals for the replacement of the existing wireless network.

