

IP Video Surveillance Solution in Downtown Orillia



Client:

City of Orillia

Location:

Orillia, Ontario

Start Date:

June 2012

Completion Date:

August 2015

Client Contact:

Available upon request

Key Personnel:

Bill Weekes CET RCDD CFOT

Kenji Tan

Project Type: Design

Project Role: IT/Comms & Electronic Security Design Consultant

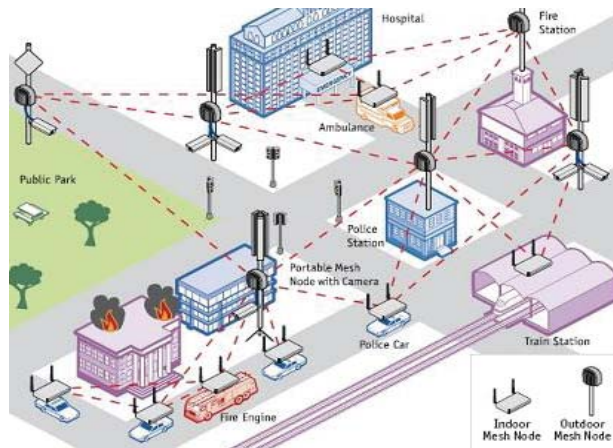
Description: Like many progressive communities, the City of Orillia was interested in providing additional tools for their Police Services. Adding video surveillance to key areas of the downtown core has shown to be a cost-effective measure with proven results in other Ontario communities.

Fancom's scope of work included the revision of existing tender documents issued by the City of Orillia and provision of recommendations to reflect current technologies and a sustainable long-term future outlook. Bill Weekes and his team of designers met with the City's representative to identify the customer's requirements followed by an area assessment to ensure all requirements were met. Fancom completed a Class C Estimate along with detailed design drawings, specifications, bill of materials and design methodology to be included in the final tender document prepared by the City of Orillia.

Fancom advised the implementation of a Wireless Mesh Network with an IP-based video surveillance system as the key solution. There are many benefits to using an IP video surveillance mesh network over a traditional video surveillance solution. Wireless mesh networks are cost-effective and can be set up without reliance on fixed infrastructure. They are relatively easy to relocate and eliminate the high costs of reoccurring monthly fees paid to service providers for leased lines or broadband Internet.

Systems Designed:

- Wireless Mesh Network Video Surveillance System



Services Provided:

- Feasibility Assessment
- Conceptual Design
- Class C Estimate
- Design Development
- Project Management