



Client:

Hastings & Prince Edward District School Board

Location:

Hastings & Prince Edward County, Ontario

Start Date:

January 2013

Completion Date:

March 2014

Construction Value:

\$550,000

Key Personnel:

Bill Weekes CET RCDD CFOT

Bill Vanderlans RCDD

Harry Bi M.Sc RCDD CTS

Monica Alcolea BComm

Kenji Tan

Project Type: Design-Bid-Build

Project Role: IT/Communications & Electronic Security Consultant

Description: Fancom was contracted by the Hastings and Prince Edward District School Board (HPEDSB) to assess the existing security infrastructure for thirty-two elementary schools across the Hastings and Prince Edward County. Fancom carried out site assessments of each school to identify the necessary requirements for new CCTV and access control security systems to be installed. The requirements for each school varied and were unique in nature. Where possible, existing infrastructure was leveraged to reduce costs and installation requirements.

Fancom worked closely with the School Board's IT and Facilities departments to identify the necessary requirements for each school, taking into consideration the Board's plans for future expansions and upgrades to their existing systems. Fancom prepared detailed construction drawings and specifications for tendering and provided ongoing support throughout the tender process.

The front door security system included an indoor/outdoor camera to allow the office staff to view persons at the door via a monitor located in each school office. This was further tied in with the new intercom system which integrated with the school's existing telephone system to provide two-way voice communication and remote access of the front doors. The remote access was sequenced to operate with up to four accessibility door paddles.

In addition, fourteen of those schools received a new video security system comprised of both indoor and outdoor cameras located throughout the premise. The design defined new IT spaces, cable tray and conduit pathways, camera locations, wall mounted rack type enclosures to house cabling, video recorders and uninterruptible power supplies.

Our team acted as intermediary between the contractors and the Board, providing project management services throughout the construction phase of the project. This consisted of weekly meetings with the Client's representatives along with coordination of material procurement and regular site visits to the schools to review the contractors' progress. Final commissioning was carried out and as-builts prepared for the new systems.

Systems Designed:

Division 27: Communications

Structured Cabling

Equipment Room Fittings

Distributed Communications and Monitoring Systems - Intercommunications

Division 28: Electronic Safety & Security

Remote Access Control System

Video Security

Services Provided:

- Project Management
- Site Assessments
- Design Development
- Construction Documents
- Construction Administration
- Commissioning
- Close-Out Documentation