



## Dr. Georges-L.-Dumont University Hospital Centre, Moncton, NB

Located in the heart of the City of Moncton, is the lead facility of Vitalité Health Network. This 302-bed hospital provides primary, specialized, and tertiary (more complex) care using cutting-edge technology. It provides services in both official languages.

### Products Used

- N-8000EX - IP Intercom Exchange
- N-8000MI - Multi Interface Unit
- N-8010MS - Standard Master Station
- N-8600MS - Master Station
- BG-235
- BG-2240D-AM



### Purpose

The project was a two stage process with different areas of the hospital being renovated. Management wanted to invest in improving the staffs ability to contact each other in different zones and have master station to make paging announcements through out the building. Replacing the old system with a new one that delivered more intelligible audio to ensure everyone from staff to visitors could understand the messages.

## Challenges

The hospital was composed of a few different building so TOA's design team had a challenge of integrating every building. With an older system installed the job of assessing the wiring and its ability to be used with the newer equipment would take time to complete. What was the best system solution TOA can create with the N-8000 intercom series and keep it within the budget allocated for the job. They also required the system to be scalable if future additions are needed.

## Solution

By utilizing the flexible and cost effective N-8000 intercom series our team with the assistance of the project installer, Atlantic Alarm and Sound, the new system was able to use the already in the wall wiring with a few tweaks. The intercom exchange and multi interface unit allowed for an easy connection with the zone paging and station to mater station calling. The BG series amps were used to power the system and allowed for background music if needed. The fact the system equipment was all TOA and was scalable for future additions was very helpful.

## Feedback

The new paging system was well received and improved work flow for the staff while providing a clearer ability to communicated. Staff were more at easy knowing that if there was an emergency, the new system would deliver a clear and understandable message. The Hospital management was very happy with the results.



## About TOA Canada Corporation

TOA Corporation was founded in Kobe, Japan over 80 years ago. TOA operates in over 100 countries worldwide, with manufacturing Facilities found in nearly every major market area. These facilities have a reputation for precision design and fabrication, resulting in a Proven track record of TOA product reliability.

TOA Canada Corporation was formed in 1990 as a complete sound solutions provider, specializing in commercial audio, including, Public address, voice communications, voice evacuation and emergency paging requirements. TOA Canada offers complete solutions for all corporate and commercial audio communications and intercom security requirements.