

# success stories

## A Specialized Application for Mass Notification



Lakehead University



Lakehead University is located in Thunder Bay, Ontario, and provides an extensive range of programs to approximately 7,600 students. Programs are administered by a faculty of 290, along with 2,250 additional support staff.

When Phil Isenor heard that Lakehead was considering an outdoor mass notification system he knew we had the right equipment for the job. With the help of Gerry Bourne, Phil provided a demo to a committee of 12 from the university, that utilized the ControlKom IP system. The customer wanted a system that could be mounted on roof tops as a result of a consulting firm having done a sound model that specified sound pressure levels for different locations to adequately cover the premises. The system had to meet this established criteria and be able to be accessed from their security office in one of the buildings.

The system also had to meet the budget that was put forth and this ruled out the option of hardwiring to each building. Adequately communicating to students, staff and guests is critical to the outcome of any type of emergency situation. Being able to keep pace with an unfolding situation can greatly affect the outcome. Initially the customer was considering a wireless type system from a different supplier but Phil and Gerry proposed an IP solution to use their existing network infrastructure. This solution could save time and money because the ControlKom IP system gives the customer the flexibility to expand and the ability to interface with other crucial mass notification components, such as email, text message and message display boards. Also the added benefits of a software solution allows the appropriate personnel on campus to access the system from anywhere on the network. This means that wherever audio is needed it can quickly be deployed using the IP Network as a backbone avoiding the costly infrastructure needed with an analog type PA system.

The university could see the value in this suggestion and the decision was made to proceed with the project as outlined. The system design consisted of an AA240 watt amplifier, UPS for backup power, an IP zone controller and 2 to 3 horns in each of the five locations around the campus. The university can log in to the ControlKom IP and initiate pre-recorded messages not only from security, but from any authorized PC on the campus.

By installing the Controlkom solution Lakehead University now has a robust mass notification system that can expand and change with the needs of the students, faculty and the community. The University has planned for the future and given themselves the flexibility to easily manage the constantly changing landscape of today's dynamic mass notification technologies.



# national life safety and property protection



## Fire

- Control Panels (small, mid-sized and large systems)
- Detection (Smoke Detectors, Heat Detectors)
- Signaling (Horns, Strobes, Speakers, Fire Alarm Stations)
- Graphic Annunciation
- Central Station Monitoring
- Thermocable
- Air Sampling Detection Systems

## Sprinkler

- Sprinkler Design, Installation and Maintenance
- Standpipes
- Fire Pumps
- Antifreeze Loops
- Kitchen Hoods
- Foam Systems
- Special Hazards

## Service

- Emergency service by certified factory-trained technicians working with sophisticated inspection equipment and comprehensive skills
- Preventive Maintenance Agreements that protect your investment and are tailored to your system
- Specialize in Fire Alarm Inspection and Repairs, Sprinkler Systems, Back Flow Devices, Fire Pumps, Central Monitoring, Security, Fire Extinguishers, Nurse Call, Communications, Emergency Lighting and Exit Signs

## Security

- Access Control
- Intrusion Alarm Monitoring
- Integrated Photo Badging
- Elevator Control
- Video Integration
- Intercom
- System Integration

## Signaling Products/ Distributor Products

- Audible Signals
- Visual Signals
- Hazardous Location Signals
- Fire Protection Equipment
- Clocks
- Security, Annunciation and Nursecall
- Mass Notification Systems
- Pushbuttons, Transformers and Utility Boxes
- Emergency Lighting and Exit Signs

## Nurse Call and Communications

- Nurse Call
- Emergency Call
- Wander Prevention
- Asset Tracking
- Access Control
- Emergency Voice Paging
- Intercom
- Commercial Sound
- Time Keeping
- Management Reporting
- Redundant Configurations
- Central Station Monitoring

## Energy Management Systems

- Photoluminescent Signage
- UPS Systems
- Energy Audits
- Integrated Wireless Networks
- Occupancy Sensors

