



## Calgary Young Offenders Centre - Calgary, AB

The centre is located in the North West section of Calgary. CYOC operates under the administration of the Correctional Services Division and holds approximately 155 youth ranging in age from 12 to 18. With the vast area and many rooms the communication system of the centre was a key focus during the building of the new building.

## Products Used

- N-8000MS Multifunctional Master Station
- N-8000EX IP Network Intercom Exchange
- DA-250DH Dual Power Amplifier
- PC-580RU Series Ceiling Mount



## Purpose

The Calgary Young Offenders Centre required an intercom system for the facility for security and triggering events like opening doors or strobe lights and others. They also need a system that would page to various areas of the centre.

## Challenge

The main challenge was proving to the engineers that TOA equipment had the capability to perform the functions needs and provide intelligible audio during paging and public announcements. TOA was chosen over competitors.

## Solution

The installation included the placing of intelligible and cost effective PC-580RU in all areas of the building and powered by the DA-250 Amplifier which was connected to the headend. For the paging function, the system has 18 master station and a couple of exchanges which seamlessly integrated with the PA system equipment.

## Feedback

The equipment selected in combination with the design provided, offered a cost effective and successful unified solution that satisfied the Government of Alberta - Ministry of Justice and Solicitor General.

## 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.