

The Commissionaires *(Northern Alberta Division)*

National CCTV Monitoring Centre



Genesis Communication Inc provided complete consulting and integration services for this one-of-a-kind live video monitoring centre.

Operators in the National Monitoring Centre (NMC) monitor the security at numerous facilities simultaneously in a 'Dark-Screen' environment.

When an alarm event occurs at a protected site the monitoring operator is able to see, in real-time, the CCTV camera images for immediate verification of alarm events. The dispatcher may then interact with the site via a live audio connection or may contact local authorities.

Services Provided:

- IT & Network Consulting and installation
- Back-up power & communications systems consulting
- Video and audio switching system design
- Control system design & programming
- Card Access control system
- Video/Data projection
- CCTV camera installation
- Telephone system upgrades
- Wireless network back-up and Hotsite back-up system design
- Software testing & verification.

A complete back-up system is implemented to ensure continuity of operations and recorded data at all times. A Hot-Site location has been provisioned as a functional back-up to the NMC and stands ready to be used in the event the NMC must be abandoned.

Multiple communication paths have been provided to ensure survivability of communications to and from the NMC.

Operators in the NMC are able to use touch panel controls to adjust their display environment to monitor multiple sites and action a large number of alarms simultaneously.

Customers needs may be met with a scalable solution for recorded or real-time video monitoring as required.

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Equipment List:

- Compaq Proliant computer servers
- Windows 2000 Server software
- HP managed network switches
- Cisco firewall & network switches
- Kramer audio/video Matrix
- Crestron touch panel control system
- Nortel telephone switch
- NTI keyboard/mouse switcher
- Sony LCD display monitors
- Sony LCD projectors
- Draper Projection screens
- RCI card access control system
- Powerware UPS back-up system
- Littlite task lighting
- Redline Communications wireless Ethernet bridge
- Ruttan equipment racks
- TrippLite power distribution hardware
- AMP and Startech computer network hardware
- Expressvu Satellite receivers
- Pelco Genex quad-split unit
- Pelco CCTV cameras
- Panasonic televisions
- Custom modem line monitor