

# CONVERGING

## on airport security

IT & VIDEO SECURITY COMBINE FOR POWERFUL SOLUTION



Injecting more than \$1.06 billion Canadian dollars into the local economy annually and servicing the needs of millions of travelers each year, the Ottawa Macdonald Cartier International Airport Authority plays an essential role in the economic growth of the Canadian National Capital Region.

"Safety and security are key priorities for The Ottawa International Airport Authority," said Scott Boyle, Director of Information Technology and Communications for the Authority. "As such, all security systems and processes are of vital importance."

And the Airport Authority has turned to an Endura digital video security solution from Pelco to help protect their many assets.

### THE INSTALLATION

The value of the airport facilities exceeds \$500 million (Canadian), and at any given time, there may be hundreds of millions

of dollars worth of aircraft and other equipment on site. Not to mention the hundreds of employees and travelers.

"The Airport Authority opened its new terminal in 2003. During the building project, an integrated bundle of systems and services that included, but was not limited to, security systems was purchased and implemented. The IT team determined that the security system component had limitations as did the level of service that accompanied it," said Mike Jamieson, Pelco Manufacturer's Representative. "We approached them with the Pelco

equipment, took the team to the factory in Clovis and then designed the system and gradual removal of the existing system and replacement with the Pelco Endura solution."

The Airport Authority was an early adopter of Endura; one of the first organizations in Ottawa to deploy the system, and the first airport in Canada to go in this direction.

"As technology advances, more areas of the business are being implicated and brought into the IT spectrum," Boyle said. "As such, systems integration is becoming increasingly



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important for this organization, particularly given that it manages complex systems both internally and for customer groups within the airport.” This point was clearly demonstrated when the design and sale of the Pelco system went through the IT department, not the security department as was typically the case in the pre-convergence world.

The Endura system, which was installed by Endura Certified airport personnel, includes a mixture of Spectra III and Spectra IV SE domes, IP3701 Series Color Network Cameras, DVR5100s, NVR5100s and more (see sidebar for a

more complete list). The overall security solution also includes a combination of procedures, video processing, door security controls and people.

“Through integration with other systems, the Authority is able to provide effective security management in a facility more than double the size of the previous terminal without significantly increasing the number of security resources,” said Mike Lafreniere, Manager of Technical Support at the airport. The Airport Authority has also been impressed by the simple user interface of the Endura system.

“Its similarity to other desktop systems currently in use at the airport has meant a minimal learning curve for users, which minimizes the need for IT team intervention and troubleshooting,” Lafreniere said. “Plus, the installation of cameras, recorders and encoders has proved to be very simple compared to security solutions that were used in the past.”

An expansion of the airport terminal is currently underway and the Pelco system will be extended to include coverage of the new gates and holding space.

### LIST OF EQUIPMENT

Spectra III Series Dome System

Spectra IV SE Series Dome Systems

IP3701 Series Color Network Cameras

DVR5100 Series Digital Video Recorder

KBD5000 Keyboard

NET5301R Video Decoder

NET5301T Video Encoder

NET5308T Video Encoder

NET5308T – EXP Video Encoder

NVR5100 Series Network Video Recorder

RK5000PS – 5U Rack Mount

SEB5100 Series Storage Expansion Box

SM5000 Series System Manager

VCD5000 Video Console Display

WS5000 – Site

WS5050 PC Workstation

FT106011/FR106011 Fiber Transmitter and Receiver

