

case study



The University of Toronto operates with maximum safety and security, thanks to a major security overhaul with Honeywell.

The University of Toronto, one of the largest universities in North America, is keeping its three campuses safe and secure with a new, integrated security system — technology bolstered by comprehensive maintenance and service.

Honeywell

Monumental Security

The University of Toronto is one of the largest universities in North America, covering three campuses with a combined 200 facilities that serve more than 70,000 students and nearly 14,000 faculty and staff members.

Many of the university's buildings date back to the 1820s. And, until recently, its security systems were also firmly rooted in the past. Individual facilities and departments took different approaches to security — and used different vendors — creating a disparate environment.

This, coupled with the university's size, made improving security a significant challenge.

"We needed a common security platform and process for responding to and maintaining alarms and security equipment," said Dan Hutt, manager of campus police services at University of Toronto.

Major Overhaul

The university began a security overhaul in 2002, sparked by both the police department's move to a newer building and the university's desire to update its parking garage monitoring system. The police department also sought to establish a centralized monitoring system in place of the previous localized methods.

The university chose Honeywell to help create a more uniform approach to safety and security. First, the university installed Honeywell Enterprise Buildings Integrator™ (EBI), a management platform that integrates core building functions. EBI, the backbone of the new security system, is managed by the police services department from a central technology hub.

Honeywell Building Solutions

Honeywell
1985 Douglas Drive North
Golden Valley, MN 55422-3992
1-800-345-6770, ext. 605
www.honeywell.com

The university also installed Honeywell Digital Video Manager™ (DVM), a closed-circuit television (CCTV) system and component of the EBI platform. DVM converts analog camera signals to digital feeds, eliminating the need for video tapes. The system includes more than 140 cameras on its main campus and 50 cameras across a second campus.

Snapshot

University of Toronto

Size

- 84,000 students and faculty
- 12 million square feet of space

Situation

Patchwork security systems created an inefficient, difficult-to-manage environment.

Solution

The university implemented an integrated security system comprised of:

- Honeywell Enterprise Buildings Integrator
- Honeywell Digital Video Manager
- Honeywell NexWatch Access Control
- Honeywell Intelliguard 9000 Intrusion Detection
- 190 CCTV cameras
- 340 card readers
- Duress stations
- Ongoing service and maintenance

The integrated security system also includes approximately 340 card readers that regulate entry into specific areas on two of the university's campuses. The readers are integrated with DVM and tied into EBI, serving as "trigger points" for alarms and surveillance updates. The system includes live video of specific locations, along with floor plans and maps, allowing campus police to isolate alarm sources and respond to issues more efficiently.

The Honeywell system allows university police to view and manage all alarm signals internally, reducing response time from hours to minutes. The system provides the flexibility and specificity necessary to match different building requirements. Some buildings use access control for after-hours access only, while other buildings have more stringent control measures.

Essential Service

In addition to a more unified security platform, the university receives comprehensive service coverage from Honeywell, which has three onsite technicians at the university's main campus, and one full-time technician at a second campus. The technicians monitor and maintain the EBI, DVM and access control systems around the clock, and they make sure all equipment has the latest software patches and technology enhancements.

Honeywell's service contract has helped the university significantly reduce its paperwork, including purchase orders and invoices. The university also saves time previously spent obtaining quotes for upgrades and repairs, and faces greater cost certainty, because all labor and materials — including unexpected work — are covered under the agreement.

Path Forward

Currently, 40 percent of University of Toronto facilities are on the Honeywell platform. All new construction and major renovation work includes the installation of additional cameras and card readers, and the university plans to incorporate all existing buildings onto the security system.

"We've made significant strides in modernizing security and we plan to continue moving forward based on the results," Hutt said.

Honeywell

SL-53-2078
July 2007
© 2007 Honeywell International Inc.