

# Canada's oldest university looks ahead with advanced GB network solution from Zycom Technology

**CLIENT:** Queen's University (Kingston, Ontario)



## ZYCOM CORE COMPETENCIES ON THIS PROJECT:

Network analysis

Network design & configuration

Hardware installation

Project management

Technology consulting

## FEATURED TECHNOLOGY PARTNER:

Cisco

## BACKGROUND:

Queen's University has a rich history of breaking new ground. Since its inception in 1842, with just one professor and a handful of students, Queen's has consistently led the way in Canadian post-secondary education - including being the first university in Canada to offer "chemistry study" in 1883. Now with almost 120,000 alumni in 176 countries, Queen's University is acknowledged as one of Canada's most prestigious post-secondary institutions.

One of Queen's most distinguishing features is its heavy focus on research. Over the last five years, research funding has increased by over 125% and now stands at a record \$135 million. With more than 1,500 active research projects Queen's is recognized as an outstanding research centre.

With such a robust research program, over 1,800 faculty and staff and almost 19,000 full- and part-time students, Queen's requires a scalable and reliable information technology infrastructure to satisfy the exacting demands of the entire institution.

## OUR ASSIGNMENT:

- Queen's was unsatisfied with existing ATM solution and reassessed network infrastructure

## THE CHALLENGES:

- Provide a clear upgrade path for future technology and redundancy requirements
- Provide faster connectivity to internet
- Provide a secure dial-in access to remote users
- Provide a secure access to remote users via the internet

## OUR SOLUTION:

- **DEVELOP AND IMPLEMENT** a GB Ethernet network throughout the university campus
- **DESIGN A NETWORK SOLUTION** and install all hardware component
- **DESIGN A SCALEABLE NETWORK SOLUTION** to enable secure connections to the campus network for remote users



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