

Zycom solution connects four hospitals across 7,000 square kilometres with a 20 kilometre wireless link

CLIENT: Quinte Health Care (Belleville, Picton, Brancroft and Trenton, Ontario)



ZYCOM CORE COMPETENCIES ON THIS PROJECT:

Network analysis, design & installation

Advanced Data Storage (ADS) solution

Hardware installation & configuration

VPN configuration (wireless & wireline)

Implement enhanced network & internet security systems

Project Management

Training and Application support

FEATURED TECHNOLOGY PARTNERS:

Citrix, HP, Microsoft, Veritas, Lexmark & Cisco

BACKGROUND:

With an operating budget of \$109 million, Quinte Health Care (QHC) consists of four fully-accredited hospitals serving more than 140,000 people living in a 7,000 square kilometre region of Southeastern Ontario. The combination of patients spread across a large swath of both urban and rural areas - as well as over four hospital campuses - poses unique technology challenges for QHC staff. Processing, storing, sharing and maintaining accurate and timely information is crucial to delivering high quality patient care - something QHC staff is recognized for achieving (recently, QHC received a 5-star rating for Patient Satisfaction based on results from the Ontario Hospital Association's Acute Care Hospital Report, 2002).

OUR ASSIGNMENT:

- QHC required solution to reduce cost of desktop ownership and provide access to critical, centralized applications in support of healthcare activities
- Network infrastructure for 400 users at four fully-accredited hospitals required redesigning and construction
- Provide secure access of remote offices on hospital network
- Implement enhanced Internet security tools

THE CHALLENGES:

- Four hospital campuses serving patients in a 7,000 square kilometre area
- Limited physical space available for storing new hardware
- Install new hardware without impacting operational activities

OUR SOLUTION:

- **DEVELOP AND INSTALL** thin client server farm and storage area network
- **REBUILD NETWORK INFRASTRUCTURE**
- **DEVELOP AND INSTALL** a 20 kilometre wireless link to connect the two major hospital campuses (Trenton and Belleville)
- **PROVIDE APPLICATION SUPPORT AND TRAINING**
- **REBUILD NETWORK INFRASTRUCTURE** with high speed gigabit backbone
- **CONFIGURE VPN** with enhanced firewall security for Internet access
- **CONSOLIDATE BACKUP REQUIREMENTS** to an enterprise wide solution
- **PROVIDED COMPLETE FIREWALL SECURITY SOLUTION** for new intra-campus, high speed network



For more information about Zycom Technology Inc., visit www.zycomtec.com.