



North Shore-Long Island Jewish Health Case Study

Challenge

North Shore-LIJ will need significant incremental bandwidth to accommodate the deployment of a new diagnostic imaging system for its radiology and cardiology departments. At the same time, the healthcare system will also be installing a new clinical information system to maintain patients' medical records electronically. This system will enable physicians to interact with each other and to securely share data about patients and their treatment. The network will also support the use of wireless devices for data transfer and voice communications.

Solution

Working with Optimum Lightpath, North Shore-LIJ's existing ATM network will be replaced with a virtual private IP-backbone network that will incorporate Layer 1 and Layer 2 functionality into both the campus and remote locations system-wide.

Result

"We were looking for an advanced network infrastructure that could grow to support all of our data, Internet, voice and video needs for the foreseeable future. We found that Optimum Lightpath's Metro Ethernet service provided a solution that satisfied the key performance criteria we were looking for in terms of resiliency, scalability and availability," said John L. Bosco, vice president and chief technology officer (CTO) of North Shore-LIJ. "The network upgrade is meant to power all the new applications that we're rolling out to enhance our patients' quality of care."

"Optimum Lightpath's dedication and responsiveness to existing customers - at all levels of the organization - demonstrate that it is committed to developing partnerships for long-term success," said Richard P. McGrail, vice president and chief information officer (CIO) of North Shore-LIJ. "This project continues

Optimum Lightpath's involvement in meeting our telecommunications needs and transforming how our doctors and administrators share information."