



Northland Fiber Network

Connecting you to the Future

Since 1905, Northland has invested in Central New York's communication resources, offering leading edge products and services that our customers can rely on. Our fiber optic infrastructure provides advanced networking solutions for businesses throughout the region. Features include:

- + Up to 100 Gigabit/sec of dedicated bandwidth
- + Unmatched reliability, stability and accessibility
- + Full Duplex download and upload
- + Quality voice and data services
- + Local provider and local support

Reliability + Performance

Northland's fiber network is backed by an aggressive service level agreement that provides 99.999% uptime guarantee and excellent performance standards. Northland's fiber network is Full Duplex, meaning bandwidth speeds are the same for upstream and downstream data. The network is tuned for performance to support VOIP and business critical applications, including:

- + Bandwidth speeds from 1 Megabit/sec up to 100 Gigabit/sec
- + 100% optical technology into your data facility
- + Standard Ethernet connection at your location
- + Bandwidth for Internet and/or Wide Area Network (WAN) applications
- + QoS aware for WAN applications – VOIP ready
- + 45ms latency standard
- + 2ms jitter standard
- + Local provider and local support
- + Unbeatable response times

Next Generation Application Enabler

The availability of high capacity and reliable bandwidth transforms your business' capabilities. Northland's fiber network creates new potential for enhancing existing resources and opens the door to advanced business opportunities:

- + **Productivity**—Speeds up existing network applications
- + **Backups**—Automates + improves your process using a third party backup service provider
- + **Cloud Services**—Eliminates bandwidth limitations for cloud-based applications
- + **Co-Location**—Saves costs + locates your IT resources in Northland's managed data center
- + **High Definition Video Conferencing**—Reduces travel and meeting expenses through Northland's Conference Plus services
- + **Network Consolidation**—Leverage Northland's voice, data, and Internet services on one covered network
- + **Network Diversity**—Combines Northland fiber with existing or alternative network connections to create an effective network disaster recovery plan



"Together with Northland Communications, we've built a foundation capable of supporting the hospital's electronic medical records for today, and for many years to come."

— Mark Rowan
Director of Technical Services, Rome Memorial Hospital

Full Integration with Northland's Bundled Services

Northland's fiber network compliments and integrates with our complete line of communications services, including:

- + Local and long distance service
- + Internet bandwidth
- + Regional, national and global network connectivity
- + Avaya/Nortel and Hosted PBX systems
- + Call Center applications
- + Conferencing Solutions
- + Outside Plant Network Construction
- + Structured cabling
- + WAN/MPLS/SD-WAN Services
- + Web and Email Hosting
- + Virtual/Cloud Co-Location
- + Server Co-Location

As with other Northland business services, our dedicated staff will provide you with unparalleled support 24 hours a day, each and every day of the year.