

# Wavelength Services

**Consolidated Communications' Wavelength Service is a high-speed data service based on Dense Wave Division Multiplexing (DWDM). Designed to meet the growing demand for bandwidth and boost application performance by transporting large data streams at multiple gigabit speeds.**

**Improve performance with a fast, secure, high-bandwidth, end-to-end connection.**

## Solution Benefits

- **Security**—The ultimate protection for your data with point-to-point, fully managed connectivity.
- **Scalability**—Scale to meet the demand of your business, with bandwidth levels of 2.5 Gbps, 10 Gbps and now 100 Gbps.
- **Agility & Performance**—Lower latency than most other transport technologies. Network optimized for high-performance transport applications. Ideal layer one solution for government, financial, medical, carrier and enterprise connectivity applications.
- **Reliability**—Guaranteed bandwidth – no oversubscription. Backed by service level agreements for highest availability using premier network equipment and industry-leading hardware. Wavelength Services can help maintain business continuity.
- **Availability**—Offered in select locations throughout northern New England.

As bandwidth demands continue to rise due to growing application use, CCI Wavelength Services provide a fully managed solution designed to meet the demands of service providers and businesses allowing for optimized performance.

Wavelength Service provides a DWDM solution based on an architecture that provides for dedicated wavelength connections. Wavelength Service is ideal for applications requiring high-speed transport.

CCI Wavelength Service is delivered in one of two configurations;

- Edgless via fiber optically extended from the CCI DWDM Network (Below)
- With CCI placing DWDM nodes at A and Z locations (Right)

