



# Wireless Backhaul

The advent of 5G brings not only promise but also the challenge of managing exponential growth in data traffic. According to the Ericsson Mobility Report, North America is anticipated to have 250 million subscriptions in 2023, projected to increase to 410 million by 2028, supporting 5G applications such as streaming, immersive video, and other high-bandwidth mobile services. This surge in usage is expected to result in a substantial increase in data traffic, reaching 126 Exabytes per month.

To address this demand, mobile operators are compelled to simultaneously expand and densify their networks, ensuring they can meet the anticipated consumption patterns associated with 5G.

**19k+**

Fiber Route Miles

**180+**Serviceable  
Data Centers**1,560**

Towers

**430+**

Cities

**300k+**Pre-Qualified  
Near-Net Buildings

## Key Benefits

### Proven Expertise for Your Network

- Providing service to more than 1,000 towers, FiberLight brings extensive expertise delivering connectivity throughout the construction phase, contributing to enhanced operational efficiency and performance for our customers.

### Network Configuration Aligned with Operational Demands

- Standard and custom configurations to meet the design specifications back to MTSO, aligning with the customer base and business requirements of provider infrastructure and operational needs.

### Connectivity Solutions to Meet Your Needs

- Lit and Dark service options ranging from 1Gbps through 100Gbps Ethernet and Dark Fiber solutions to meet the needs of the wireless subscribers and businesses.

### Addressing Gaps with Extensive Rural Reach for Towers to the Broader Internet Landscape

- Diverse entrances into building (where available)
- Multiple diverse backbone paths to data centers
- Standard and custom network solutions

# Your Network Is In Good Hands

With 20 years of dedicated experience designing, engineering, and optimizing large-scale fiber networks, you can trust our regional expertise and enjoy high touch, personalized account management and dependable customer service. Plus, take advantage of new fiber—built in the last three to four years—diverse from ILEC and Cable MSO providers on a fully owned, operated, and managed network, built completely through organic growth. Choose a stable provider with the flexibility to partner with you to design the network you need to take your business to the next level.

## Supports Your Business Operations

- Catering to Mobile Network Operators (MNOs) in need of dependable backhaul connectivity for infrastructure operations and subscriber wireless services. Tailored to meet the networking requirements, FiberLight Wireless Backhaul capability seamlessly connects towers to MTSOs and facilitates MTSO-to-MTSO networking.
- Wireless Internet Service Providers (WISPs) have the option to utilize private Ethernet connectivity back to data centers or deploy FiberLight's Dedicated Internet access directly to towers, extending services to homes and businesses in rural communities.

We are always working with new clients who will require additional network connections into the Carrier-1 facility. FiberLight is at the top of our list to either resell their services or recommend for direct services.

**Trey Berndt**  
Executive Vice President, Carrier-1 Data Centers



For more than 20 years, FiberLight has led the industry in designing, building, and operating world-class fiber networks in over 430 U.S. cities and provides unmatched service to enterprises in densely populated metroplexes, hyperscalers in fast-growth technology hubs, and local governments, school districts, and healthcare systems in rural communities. Known as "the carrier's carrier," FiberLight owns 19,000+ route miles of dark and lit networks, which are among the industry's most robust with the capability to provide the reliability, resilience, and flexibility customers need for growth. Backed by Morrison & Co, FiberLight continues to deliver innovative fiber network solutions to meet the next generation of demands from the evolving digital economy. For more information please visit [www.fiberlight.com](http://www.fiberlight.com).

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