



# Data Center Connectivity



In the dynamic digital landscape of the global economy, data centers stand as imperative pillars for every industry and their customer base. Ensuring high-speed connectivity with low latency and high availability to and between data centers with low latency and high availability is paramount for enhancing end-user experiences, fortifying branding, and sustaining revenue streams.

FiberLight offers purpose-built fiber-optic network connectivity solutions that empower businesses to seamlessly connect to and between data centers, optimize application performance and efficiently handle the substantial data volumes these facilities demand. The strategic investment in fiber assets and services for both public and private data centers positions industries to meet their evolving infrastructure and business requirements effectively.

## Top Features

### Network Services

- Ethernet
- Wavelengths
- Dark Fiber
- Dedicated Internet Access
- Cloud Connect

### Bandwidth Capabilities

- 1Gbps, 10Gbps, 100Gbps, & 400Gbps interfaces
- Unlimited bandwidth solutions

### Cross Border Solutions

- Multiple on-net cross-border data centers enabling Mexico, Central America, and South America solutions to US domestic data centers
- Purpose-built optical transport infrastructure achieving low latency to major markets and data centers
- Multiple routes between key cross-border data centers and valuable destination data centers

## Key Benefits

- Improve application performance with network solutions delivering greater bandwidth, decreased latency, and jitter.
- Achieve user experience objectives with faster load times; higher performance application and video with appropriate data center network services.
- Retain brand protection with network contributing to improved service availability, speed, and security with diversified, high-bandwidth, private network solutions for a secure digital landscape.
- Preserving revenue by ensuring uninterrupted uptime and delivering secure private services, safeguarding the reliability and integrity of critical business operations.

# 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

- Manufacturing, financial, and logistic enterprises residing at public and retail data centers
- Energy, oil, and gas companies with data center operations on premise and third-party data centers
- Media, content, gaming, and entertainment providers with high bandwidth data center applications
- Retail and e-commerce companies leveraging multiple data centers
- Federal, state, and local agencies desiring dark fiber networks to major data centers
- Education and research institutions leveraging data centers for colocation
- Hyperscaler and cloud service providers requiring dark fiber, construction, operations & maintenance (O&M) to connect data center assets and achieve high availability sectors
- Telecommunication wholesale providers, managed network operators lacking fiber assets at key data centers to drive sales and revenue.
- Technology and managed service providers requiring data center interconnection
- Technology startups for cost effective deployments of infrastructure

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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