

Managed Dark Fiber Network /



By now you've probably heard of dark fiber. More than just unused, unlit fiber in the ground, newly constructed, custom dark fiber is now a popular network solution amongst network operators, cloud service providers and content delivery networks to stay ahead of internal and external data needs. In addition enterprises, including healthcare, education, financial services and media, have started implementing dark fiber to future-proof their own data and technology initiatives, attracted by the low latency and scalable bandwidth capabilities these networks offer.

Whether you're moving large amounts of data for storage or replication or deploying bandwidth-intensive applications between high-capacity demand locations, you need more scalability and control than traditional lit services provide. However, not all organizations have the available financing and IT resources or expertise required to purchase and successfully run a dark fiber network.

With a Managed Dark Fiber Network (MDFN) solution from FiberLight, your organization can enjoy all the benefits of dark fiber—complete operational control, security, scalability—to improve business operations, along with more flexible financing and peace of mind knowing you're backed by expert network management. If you've ever thought that you needed dark fiber but questioned your organization's readiness and ability to manage, MDFN may be the right solution for you.

Key Benefits:

Rely on network experts

Enjoy all the benefits of dark fiber plus the assurances and reliability of a fully managed network backed by a team of local construction, installation and management experts as well as a 24/7/365 NOC including critical sparring management through our Operations Support Center.

Protect cash flow

Turn traditionally high capex costs into opex and implement critical infrastructure faster.

Gain operation control

Scale up or down as needed with a quick call to the NOC, allowing more control of your network traffic and faster implementation timeframes.

Deploy virtually unlimited bandwidth

Run a dark fiber network with ultimate scalability.

Maximize security

Secure data and meet industry regulations with a completely private and protected network.

Enhance design

Codesign a build-to-suit dark fiber network with custom routes where you need them.

Enjoy peace of mind

Rest assured that your network is built by a 20-year experienced infrastructure provider with market stability, organic network growth, and clear vision on strategy and service delivery.

Experience high-touch customer service

Easily access top executive and field resources, offering a more personalized experience for delivering ongoing account management and service maintenance.

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 higher-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.



Three Network Components to Support Digital Transformation

Because today you need access to data and information that's no longer contained in your office on-site, the type of fiber infrastructure selected to access that data is mission critical. We believe these are the three network requirements to support digital transformation: **density, diversity and depth.**

FiberLight uniquely offers the critical network components to support the infrastructure required to truly enable your digital transformation strategy.



Density – Supporting growing bandwidth needs with:

- High-count fiber and strands in the ground—lit or dark
- Up to 1728-count strands in key metros and routes
- Connected to 120+ data centers
- Key metro market overbuilds completed to expand density



Diversity – Increasing reliability and enabling BCDR:

- Existing network is completely diverse from ILEC and MSO routes
- Ability to construct direct, custom-built paths



Depth – Increasing security, reliability and uptime:

- Nearly 90 percent of our fiber is 3.5' underground vs just under the surface or aerial like ILEC or MSO providers
- Increases security and reliability of customer's network

Learn More:
fiberlight.com/dark-fiber

About FiberLight

FiberLight designs, builds and deploys mission-critical high bandwidth networks to ignite our client's digital transformation. With over 14,000 route miles of deep fiber networks and 78,000 pre-qualified near-net buildings, FiberLight operates in over 30 metropolitan areas in the U.S. Our service portfolio includes high-capacity Ethernet and Wave Transport Services, Cloud Connect, Dedicated Internet Access, Dark Fiber and Wireless Backhaul serving domestic and international telecom companies, wireless, wireline, cable and cloud providers as well as key players across enterprise, government and education. For more information, visit fiberlight.com.

