

## Dark Fiber /

Annual global IP traffic will reach 4.8 ZB by 2022—an exponential increase over the annual run rate in 2017 which was 1.5 ZB, according to the Cisco Visual Networking Index. Digital transformation is driving the need for continuous bandwidth growth and predictable costs to scale for network operators, data centers, cloud service providers, and content delivery networks. It's vital to continue to make plans to stay ahead of internal and external data needs with high-bandwidth, scalable dark fiber. In addition, enterprise businesses, healthcare organizations, higher education and k-12 school districts have also 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.

If your organization has the ability to finance dark fiber through capex or opex budget; plus, you want the financial flexibility to choose the right fiber purchase option, and you are tired of dealing with costs for each incremental lit service update and waiting on your vendor each time you want to make a change—it's time to take control of your network. Implementing and managing your own dark fiber network provides increased speed to market, operational control to scale bandwidth with multiple 10 and 100Gs as needed, the security of a private protected network, and the option to customize route designs.

### Key Benefits:

#### Deploy Virtually Unlimited Bandwidth

Acquire a dark fiber infrastructure with limitless bandwidth only bound by the network equipment chosen.

#### Maximize Security

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

#### Increase Operational Control

Own, build, expand, and control your own network faster than building new fiber routes yourself based on capex versus opex budget available.

#### Optimize Financial Resources

Select from Fiber Purchase Agreement (FPA), Indefeasible Right of Use (IRU), and Lease to purchase dark fiber in the way that is most beneficial to your business including flat-rate pricing on a lease that does not accelerate during the term.

#### Gain Operational Control

Scale up or down as needed without having to work through a vendor, allowing more control of your network traffic and faster implementation timeframes.

#### Enhance Design

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

#### 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.

#### 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.



# 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.



## Top Features



### Available Configurations

- Linear point-to-point
- Ring configuration
- Multi-count
- Single pair
- Full conduit



### Flexible Ownership and Financing Options

- Lease
- Indefeasible Right of Use (IRU)
- Fiber Purchase Agreement (FPA)



### Augment Dark Fiber with Any of Our Lit Solutions

- Ethernet
- DIA
- Cloud Connect
- Liquid Connect

**Learn More:**  
[fiberlight.com/darkfiber](https://fiberlight.com/darkfiber)

### 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](https://fiberlight.com).

