

The Foundation of AI-Ready Networks: Lumen Dark Fiber & Network Colocation

Direct access to **the #1 peered global network***

Lumen expects to expand its intercity network to **47 million** fiber miles by the end of 2028

Edge in Control

Scalability

Dark Fiber
Private Fiber Pathways



Choose your own route with precision



Rapid Scaling & Customization



Private path flows directly into a Lumen facility



Fast and optimized for AI workloads



Plugging Fiber Into Colocation

MOFN: Enhances Dark Fiber from static asset → dynamic managed service

Wavelengths: Enhances Colocation – high capacity connectivity for scale and AI workloads



Compute & Storage

Redundancy

Compliance & Security

Cloud Interconnects

Enterprises move from isolated infrastructure to a connected, resilient, AI-ready ecosystem

*CAIDA, AS Rank, January 2025

35% of enterprises deploy colocation to support private large language models for AI

Direct access to **340,000** global route miles

175+
Lumen facilities
+ 2,200
Partner sites

33% of enterprises value geographic redundancy to ensure resilient infrastructure

Compliance & data sovereignty are cited by **29%** of enterprises as a key reason for choosing colocation over public cloud

FROST & SULLIVAN

“Enterprises that invest in dark fiber and colocation today will be positioned to lead the next wave of AI-driven infrastructure transformation”

Ready to take the next step?

Discover how enterprises are future proofing with optical networking

[Check out the Frost & Sullivan eBook](#)

“Building an AI Ready Infrastructure with Optical Networking Services”