

Lumen Dark Fibre

Leasing bandwidth is an ongoing expense that continues to increase as your needs evolve. An investment in a facilities based network can serve long-term needs while providing rapid payback — meaning you can stay ahead of the explosion for bandwidth demand. Lumen Dark Fibre allows you to take control over your bandwidth capacity and create the most efficient path to deliver your content. You can also combine it with our Managed Optical Fibre Network (MOFN) product for true bandwidth management, scalability and control — all delivered over one of the largest IP backbones in North America.

Business solutions

Complete service control

By owning your own fibre, you gain control over scalability, capacity and network management, technology evolution, reliability and network uptime, which can improve your overall network performance.

Custom network designs

Our team of expert planners can provide detailed, street-level dark fibre designs that specify the routing and optical characteristics to the most demanding requirements. Take advantage of our extensive network reach and options for path diversity.

Managed optical fiber network (MOFN)

Managed fiber is a service add-on that provides you with a customised turnkey network solution for network ownership and control. We pair dedicated fibres and the network equipment of your choice with professional design consultation, implementation, and ongoing management and monitoring of network capacity assets.

Support with professional services

Our extensive experience in all aspects of optical network construction, design and management is at your disposal through professional services:

- Outside plant construction
- Network architecture, design and engineering
- Equipment selection and acquisition
- Network deployment and implementation
- Network monitoring and management
- Field tech services

Technical Features / Capabilities

- Extensive network reach, capacity and diversity
- Running line colocation and power
- Network connectivity options
- World-class operations and maintenance

Why choose Lumen

Proven track record

Our firsthand experience and breadth of knowledge enable us to continually provide next generation network solutions that are flexible and reliable — regardless of network size and complexity.

Expertise

Cost-effectively leverage the same architects, project managers, engineers and technicians who build and maintain our global fibre-optic network.

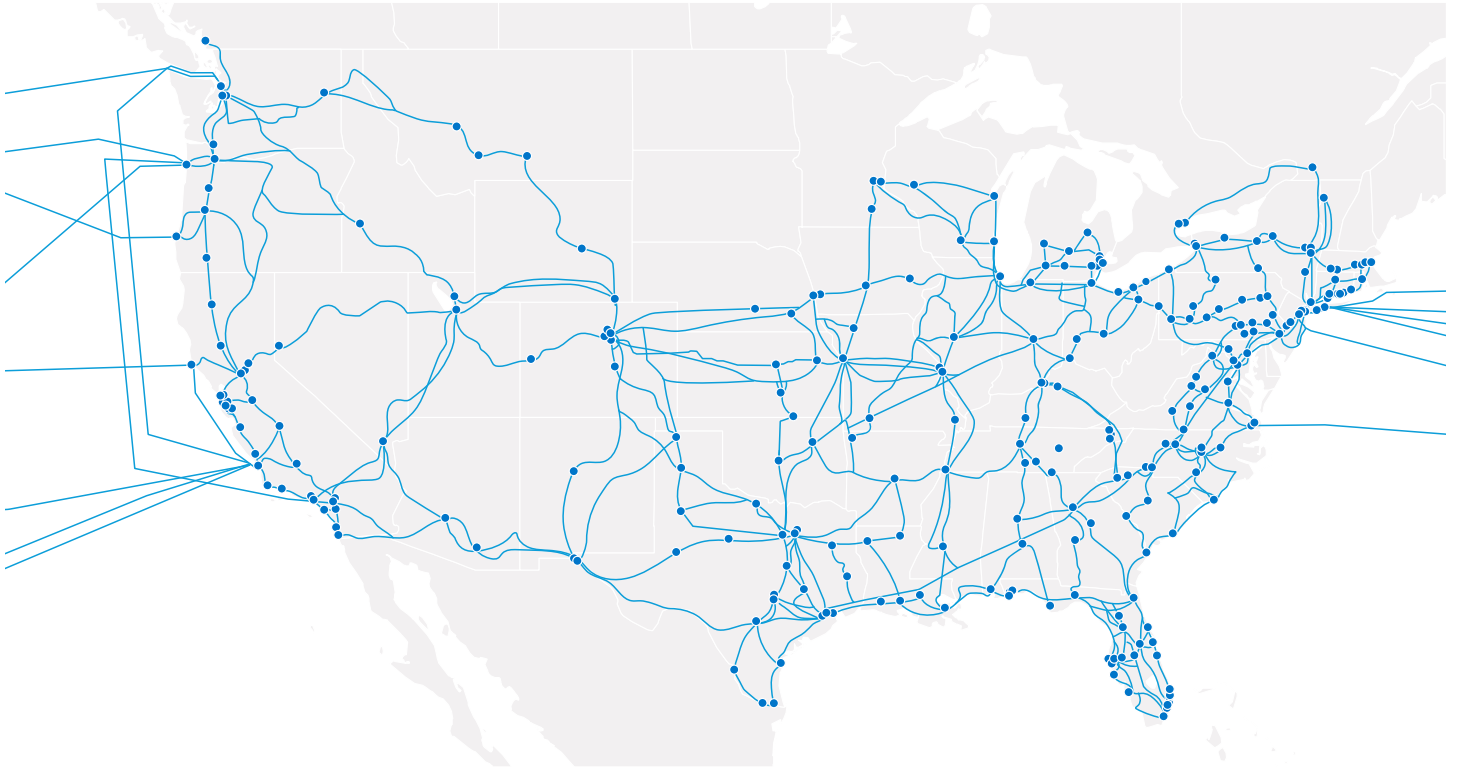
Resources and facilities

Utilise the Lumen telecommunications lab and staging facility to plan and execute your entire deployment strategy from start to finish.

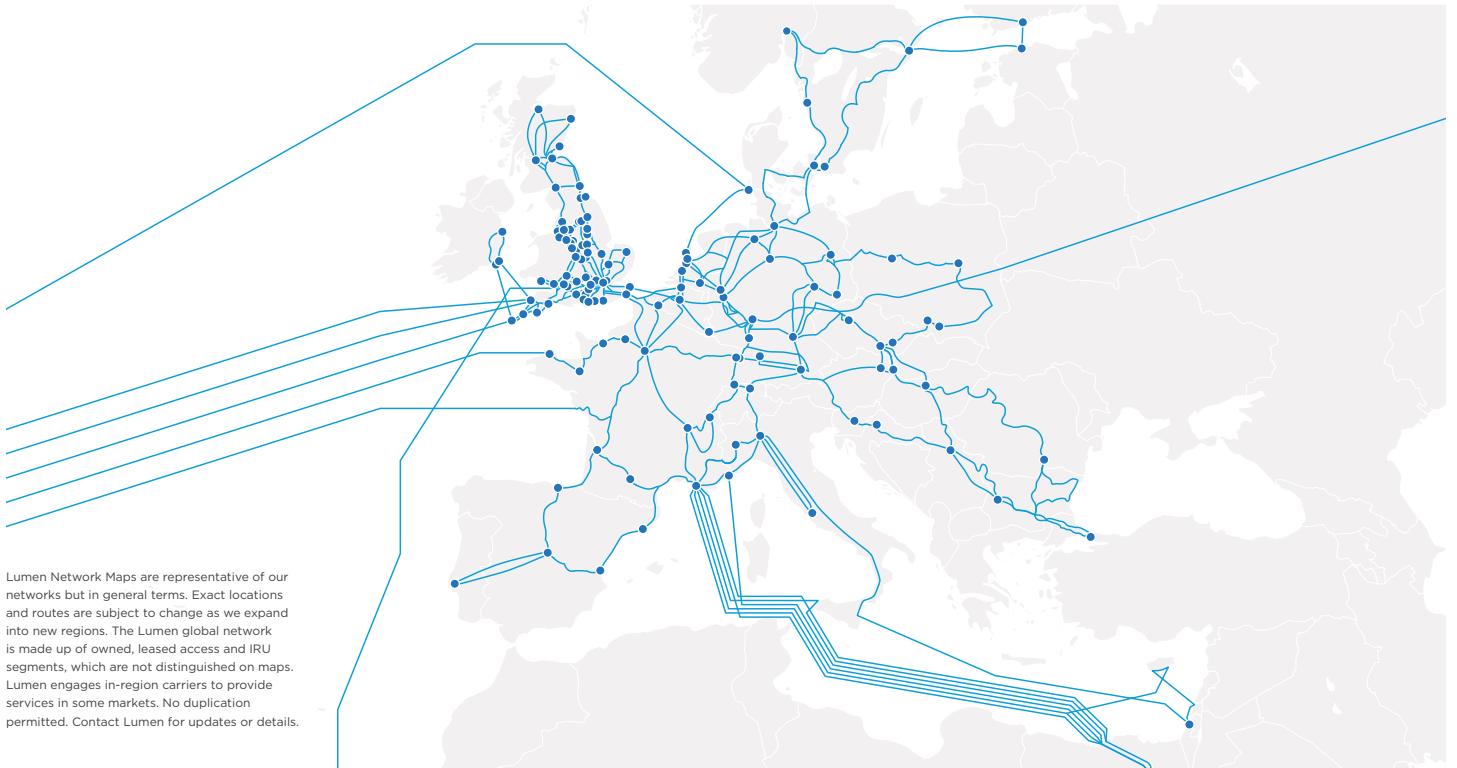
The Lumen network

● On-Net Market — Lumen Network

North America



EMEA



Lumen Network Maps are representative of our networks but in general terms. Exact locations and routes are subject to change as we expand into new regions. The Lumen global network is made up of owned, leased access and IRU segments, which are not distinguished on maps. Lumen engages in-region carriers to provide services in some markets. No duplication permitted. Contact Lumen for updates or details.

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