

Lumen® Ethernet On-Demand

Secure, real-time connectivity to your data center and cloud environments without sacrificing performance.

Lumen® Ethernet On-Demand delivers fast and secure point-to-point connectivity that can scale in minutes, available on demand with pay-as-you-go billing. It provides the ability to efficiently shift critical workloads across locations, clouds, and third-party data centers in real time, empowering you to enhance and execute your hybrid cloud strategy on demand while eliminating the wait times of traditional network installations.

Using our Lumen® Control Center puts you in control of your hybrid network ecosystem by providing the ability to execute, manage, modify, and expand multiple network functions in a single experience. You choose the bandwidth speed and which locations to connect when you demand it. And with our pay-as-you-go model, you have the control and flexibility to manage network infrastructure expenses, enabling smart, fast business decisions.

Fast provisioning

Connect or disconnect private services from multiple site locations, cloud and data center environments in minutes via Control Center

Pay-as-you-go

Smooth network optimizations, migrations and upgrades with custom routing, cloud and data center connectivity, and design transparency developed by Lumen Solutions Architecture.

Secure connectivity

By utilizing the Lumen private network, your connection is inherently secure, minimizing your exposure to external threats.



Common use cases

- Multi-site and hybrid cloud connectivity with the ability to scale bandwidth in minutes based on needs
- Data Centers mirroring for business continuity & disaster recovery with point-to-point E-Line EPL
- Security breaches or unforeseen events can cause network failures. Traditional network recovery can take weeks to months. Connected within minutes, NaaS offerings can effectively replace failed networks to minimize damage.
- Quickly establish private, high-speed Layer 2 connections between locations, data centers, and cloud providers—delivering secure, low-latency connectivity for critical business resources

Features and Specs

Scalable, Ethernet connectivity in minutes

- Bandwidth speeds up to 100G
- Quickly scale bandwidth for UNI-to-UNI and CSP connections within minutes, without disconnecting, to meet changing demands and maximize performance and cost efficiency
- Securely link additional locations, data centers or cloud environments using our private Ethernet connections
- Your port is your passport - Ethernet allows customers to connect Lumen Multiple-Port sites as well as Lumen Port to Lumen Port
- Accelerate order delivery from days or weeks to near real-time
- Pay-as-you-go billing model
- Connectivity to AWS, Google, Azure, Oracle, Equinix and Digital Realty data centers
- Access the service via secure portal

Lumen Network

Connect your employees, partners, and customers

- Direct, high-speed access to cloud providers through 70+ upgraded third-party data centers
- Scale bandwidth in minutes from 20 Mbps to 100 Gbps
- 400 Gbps backbone supports 100 Gbps traffic across key markets
- Private interconnect to major on-ramp data centers for hybrid/multi-cloud
- Extensive low-latency route diversity
- 100 Gbps Metro Ethernet available in 16 major markets
- 125+ North America optical cloud on ramps
- 2,200+ global on-net third-party data centers
- ~340,000 global fiber route miles

Experience

Simplicity, visibility, and network control

- Transparent, easy quoting for Ethernet services
- Fast, streamlined provisioning in minutes
- Centralized network visibility and management in a simple portal
- Automated workflows for quoting, monitoring, and maintenance
- Flexible routing and clear network design, including private Ethernet connections

Innovative Leader in Ethernet services



2024 Frost & Sullivan
North American
[Technology
Innovation Leader](#)

VERTICAL SYSTEMS GROUP LEADERBOARD	
YEAR-END 2024	U.S. CARRIER ETHERNET SERVICES
RANK ETHERNET PROVIDERS	
1	AT&T
2	Lumen
3	Spectrum Enterprise
4	Verizon

A top-ranked U.S. Carrier Ethernet Services provider by Vertical Systems Group for several years

Why Lumen?

Lumen's network is built for scale, speed, and reach. With approximately 340,000 global route miles, Lumen® Ethernet delivers private, high-capacity Layer-2 connectivity, scaling from 2 Mbps up to 100Gbps at 70+ upgraded data centers (and 400Gbps available on a case-by-case basis), all backed by SLAs up to 99.999% availability. With Ethernet On-Demand, you can scale bandwidth or provision new services in just minutes—simply, securely, and on your terms. What helps set Lumen apart is the control, flexibility, and reliability you gain through services on a secure, private backbone. By keeping traffic on a private transport domain and enabling direct interconnects to data centers and cloud on-ramps, Lumen helps protect sensitive data and enables predictable, low-latency performance with 24/7 monitoring and proactive support. When your business demands speed, reliability, and protected scale, Lumen delivers all three.

866-352-0291 | lumen.com | info@lumen.com

Services not available everywhere. Business customers only. Lumen may change, cancel or substitute products and services, or vary them by service area at its sole discretion without notice. ©2025 Lumen Technologies. All Rights Reserved.

LUMEN®
TECHNOLOGIES