

Lumen® IP VPN

Connect with Confidence: High-speed, secure hybrid connectivity for your business

Lumen IP VPN platform seamlessly connects your business locations globally, providing private, secure, and fast managed routing. This solution enables highly reliable connectivity and secure access to your confidential data and applications, whether across private networks, public clouds, or the internet. With Lumen IP VPN, you can count on top performance and robust security for all your networking needs that adapts to your cloud, AI, and application strategy.

Comprehensive protection

With dedicated bandwidth for critical traffic and diverse redundancy options, Lumen IP VPN provides seamless connectivity across private and public networks, data centers, and multiple cloud environments, enabling uninterrupted operations and AI-driven innovation.

Future-ready hybrid networking

Delivering both private and public transport on a single circuit (at no additional cost), enables a flexible networking solution that adapts to virtually any enterprise's cloud, AI, and application strategy.

Connectivity to support overlay services

Easily integrate or scale additional services like Lumen Cloud or SASE solutions to meet today's communications and security needs all while enabling a seamless centralized management experience.



“To meet the requirements of work anywhere and the robust demand of **AI workloads**, organizations need **hybrid connectivity** (private and public transport on a single circuit) built for scale, speed, and flexibility for today's evolving digital landscape”

– **Courtney Monroe**

IDC RVP, WW Telecommunications Research

Common use cases

- **Global Connectivity:** provides secure and reliable connectivity for businesses with multiple locations around the world, enabling efficient communication regardless of geographical location
- **Cloud Connectivity:** Businesses can securely connect their WAN to public cloud services with IP VPN, enabling simplified security and predictable performance for cloud applications
- **Application Performance:** prioritizes traffic for latency-sensitive applications, to help ensure that critical business applications perform optimally by allocating bandwidth based on the importance of the traffic

Features and Specs

Next-gen networks with AI-powered features

- Scalable service bandwidths available from 50 Mbps to 100 Gbps
- Port speeds available: 1 Gbps, 10 Gbps, 100 Gbps
- Delivers IP and private transport on a single access port at no additional cost
- Access types: Ethernet Switched, Wavelengths, Cross Connects
- Six Classes of Service (CoS) to assign available bandwidth to latency sensitive traffic with resulting quality
- Diversity options including access, off-net path and vendor, PoP, Provider Edge (PE), PE card, and Customer Edge (CE) equipment
- Availability SLA: up to 99.999%
- Flexible billing options (Flat rate, Commit Plus Burst, Aggregate Commit)

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 50 Mbps to 100 Gbps
- Private interconnect to major on-ramp data centers for hybrid/multi-cloud
- Extensive low-latency route diversity
- 100 Gbps Metro bandwidth 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

IP VPN with multi-service port + SASE

Partnered with IP VPN, SASE empowers secure cloud communication and intelligently routed traffic across private networks, data centers, and cloud environments, addressing complex networking and security needs.

- Offers encryption, authentication, and assistance with regulatory compliance, to help ensure data protection and reduce the risk of data breaches
- Enables secure multi-site communication, optimizing data transfer and collaboration across locations with comprehensive SASE security
- IP VPN delivers fast, low latency access to the cloud applications and AI systems, while SASE secures data transfers, to help boost productivity and the user experience

Experience

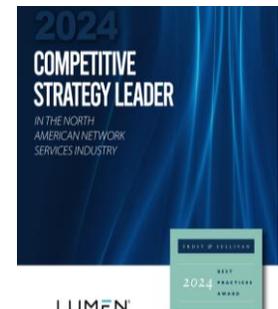
Near real-time visibility and unified control with Lumen ConnectSM

- Manage all your Lumen services with a unified, modern platform to help streamline operations and reduce tool sprawl
- Seamless navigation and a self-service document experience help enable rapid troubleshooting and optimization
- Gain near real-time visibility into service health, performance, and network activity with customizable dashboards and proactive alerts
- Use Lumen Connect to view billing, track orders, manage tickets, and access service documentation in one place
- Built on a secure, reliable platform with auditability and multi-factor authentication

Innovative Leader in IP VPN services



2024 Frost & Sullivan North American **Technology Innovation Leader**



2024 Frost & Sullivan North American **Competitive Strategy Leader**

Why Lumen?

Lumen IP VPN delivers secure, reliable connectivity over a globally trusted private network. Delivering both private and public transport on a single circuit at no additional cost, it provides efficient, flexible access for your business. With direct interconnects to data centers and cloud on-ramps, predictable low-latency performance, and 24/7 proactive monitoring, Lumen keeps your critical traffic protected and your operations running with speed, reliability, and control.