

# 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
- **Remote Access:** enables employees to securely access the company's network from remote locations
- **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 Benefits

### Key capabilities

- Network capacity of up to 100 Gbps, providing ample bandwidth for high-demand applications and large data transfers.
- 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
- Add multiservice port to get seamless movement of data across public and private networks for efficient application delivery

### Visibility and control

- Get a unified view of network traffic and operations to quickly identify & resolve issues
- Use the Lumen online portal to monitor performance, manage billing , repairs, track orders, and access reporting

### Optimized infrastructure with managed professional services

- Accelerate deployment and avoid downtime by optimizing infrastructure and applications
- Gain business insights with unified technical resources aligned to your digital strategy
- Streamline operations to optimize experiences, cost savings, and minimize disruptions

## 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

## Versatile access and billing options

### Access types

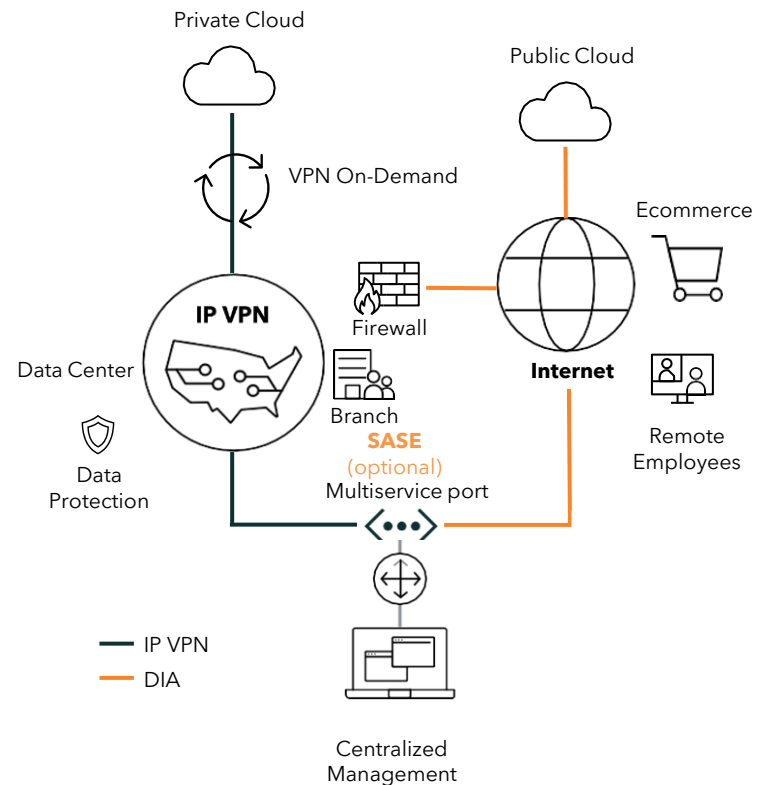
- Ethernet Switched
- Wavelengths
- Cross Connects

### Port types

- Fast Ethernet
- Gig Ethernet
- 100 Gig Ethernet

### Billing options

- Flat Rate
- Commit Plus Burst
- Aggregate Commit - allocate bandwidth as needed across all sites instead of fixed CDR per site



## Why Lumen?

Lumen IP VPN provides a secure and stable global network that meets the demands of digital businesses with high-speed, reliable, and secure connectivity your organization requires to thrive no matter where you are.