

Flexible, efficient networking for secure access

Lumen® IP VPN with Multi-Service Port + Secure Access Service Edge

Staying competitive in an AI-driven world requires highly reliable connectivity and protection of proprietary data. Organizations need to deliver seamless, secure connectivity across multiple regional private networks, cloud apps, and data centers to support employee productivity and collaboration. All the while, you need to protect patent, proprietary, and highly confidential data from data breaches and to support compliance with strict security regulations, to protect your organization from financial losses, legal repercussions, and reputational damage. It's also a challenge to scale and manage your network infrastructure to support business growth.

An integrated solution can help make those challenges easier to manage. Lumen solutions provide the flexible and efficient networking your teams can continue to innovate, while simplifying the security management you need to protect sensitive data and comply with security regulations.

The flexibility of Lumen® IP Virtual Private Network (VPN) with Multi-Service Port (MSP) and the cloud-based security management of Lumen® Secure Access Service Edge (SASE) provide secure connectivity within your organization, all while helping you manage costs and reduce complexity.

How can this integrated solution help you achieve your goals?

Efficient, secure access across private and public networks, cloud environments with an additional layer of resiliency, to enhance employee productivity and foster innovation and AI strategies.

Enhanced protection of confidential data and compliance with security regulations to help reduce the risk of data breaches, leading to business continuity and protecting the organization's reputation. Direct traffic across either or both networks based on performance and security requirements.

Address the need for separate network services for private and public transport, streamline network management and scalable infrastructure, minimize operational complexity and costs, and maximize return on investment (ROI).

Common use cases

- Provide your hybrid workforce with secure, reliable access to corporate resources.
- Facilitate multi-site connectivity across data centers, private networks, and public clouds, with comprehensive security across all connections.
- Provide high-performance access to private data, cloud applications and AI-powered systems, with optimized data transfer speeds and low latency.
- Safeguard sensitive corporate data by providing secure connections, with encryption and security tunneling across a public internet or private network.
- Streamline network management with a hybrid design, allowing for easy expansion and scalability.



"Lumen has significantly enhanced our operational efficiency and technology capabilities. One of the most notable achievements was a significant reduction of our network downtime, which translated into increased productivity, billables and customer satisfaction."

– **Steve Koenig**

IT and Facility Manager, Walsh Gallegos

Current Lumen customer compensated for their endorsement

A closer look at Lumen IP VPN w/MSP + SASE

IP Virtual Private Network with Multi-Service Port

- Support different access types (ethernet switched, wavelengths, cross-connects) and different port types.
- Access public and private transport, public cloud access or internet, voice, internet, and more over one circuit.
- Deliver self-service on-demand access to public/private cloud environments.
- Future ready and efficiency - Customers using MPLS VPN today can continue to use VPN as needed and convert applications over to internet-based networks as needed
- Deliver reliability and availability backed by PoP-to-PoP/End-to-End SLAs, a 99.99% service availability SLA, and 24/7 monitoring for the Lumen network.
- Access a secure portal for near real-time network views, SLA metrics and network management.

Secure Access Service Edge

- Flexible, secure, and easy-to-manage architecture to address today's complex network and security requirements with simplicity, enhanced control, and visibility for business growth.
- SD-WAN supports secure, scalable, and cost-efficient deployment and management of hybrid networks.
- Cloud Access Security Broker (CASB) addresses cloud SaaS, IaaS, and PaaS permissions and use.
- Next Generation Firewall (NGFW) provides software-defined, application-centric network control.
- Zero Trust Network Access (ZTNA) supports work-from-anywhere security as a substitute for VPN.
- Secure Web Gateway (SWG) enables access to popular browser-based web services.
- Data Loss Prevention (DLP) protects against unsafe sharing, transfer, and use of sensitive data.
- Virtualized Firewall as a Service (FWaaS) provides cloud-based firewall services.

Explore more services

Lumen® Cloud Communications

- Manage your calls, messages, and video meetings from a single application, and add support for specialty lines, with Lumen Cloud Communications.
- Shift communication tools to the cloud.
- Deliver a single platform for voice, video, and more.
- **Specialty lines** support essential life and safety systems like fire alarms, security, and elevators.

Managed & Professional Services

- Lumen M&P services offer tailored support and technical expertise to prepare and execute deployment and implementation strategies for your IP VPN with MSP and SASE solutions.
- Let Lumen handle the heavy lifting for you, with seamless delivery of complex, multi-technology implementations, backed by industry experience for clear planning, proactive coordination, and efficient risk management.
- Free your teams to work on strategic initiatives with comprehensive around-the-clock management and monitoring.
- Optimize your budget by reducing rework and managing staffing needs efficiently.

Why Lumen?

Lumen is the trusted network for AI. Industry leaders trust the Lumen network infrastructure to build AI capacities. With a comprehensive portfolio, Lumen can help your business deliver high-quality connectivity, reduce costs and complexity, and enhance your security posture. Rely on the extensive and deeply peered Lumen global network, Black Lotus Labs' threat intelligence, and our team of experts to help deploy and manage the solution.

Lumen's suite of individual components can be selected individually to meet your organization's needs.

To learn more and order services, contact your Lumen Channel Partner or visit lumen.com

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