

Lumen[®] IP VPN On-Demand

Stay agile with a dynamic network that adjusts to real-time business demands

Lumen IP VPN On-Demand is designed to give your business secure, private data connections with unmatched flexibility. Activate your IP VPN connection within minutes and adapt quickly to changing needs with a pay-as-you-go billing model. With rapid delivery and scalable bandwidth, IP VPN On-Demand helps your business stay agile.

Lumen ConnectSM puts you in command of your hybrid network ecosystem. From a single interface, you can execute, manage, modify, and expand multiple network functions with ease. Choose the bandwidth you need and the locations you want when you need them. Combined with our pay-as-you-go model, you gain the control and flexibility to manage network infrastructure costs, enabling smarter, faster business decisions.

Data center interconnect

Establish connections between on-premises locations and data centers to enable efficient data transfer and communication across various sites. This is especially beneficial for organizations that operate multiple data centers or maintain hybrid cloud environments

Secure connections

IP VPN On-Demand leverages Lumen's highly-stable IP VPN infrastructure to provide you with an innately secure network foundation that can be activated within minutes

Operational agility

Capitalize on emerging business opportunities with a scalable, pay-as-you-go network activated in minutes

Visibility and control

Lumen ConnectSM allows you to buy and manage your network remotely. IP VPN develops real-time network insights to help understand and respond to changes in network performance



Common use cases

- **Connectivity:** Provides secure and reliable connectivity for businesses with multiple locations across the United States, enabling efficient communication regardless of geographic distance
- **Security:** Experience benefits of the cloud with the proven security of a private network ecosystem. Get secure, high-performance connections to AWS, Microsoft Azure, Google Cloud, IBM Cloud, Oracle and more
- **Flexibility and Efficiency:** Update bandwidth adjustments and demands in minutes using Lumen's self-service portal. IP VPN On-Demand's pay-as-you-go model is designed to help you monitor and reduce networking costs without compromising security

Features and Specs

Next-gen networks with AI-powered features

- Private, layer 3 connectivity
- Pay-as-you-go billing model
- Create your own Lumen VRF, or utilize existing Lumen WAN connection to setup connection today
- Scalable bandwidths in minutes from 50 Mbps to 25 Gbps (subject to availability)
- Connectivity to AWS, Google, and Azure Private / Gov, and Oracle Data Centers
- Flexible connection: WAN to CSP
- Shared WAN (full-mesh includes CSPs)

Lumen Network

Connect your employees, partners, and customers

- Built on Lumen's global MPLS backbone with private VRFs for traffic isolation with end-to-end diversity options.
- Multi-Service Port (MSP) combines IP VPN and DIA on a single port for one simple cost
- 125+ North America optical cloud on ramps
- 70 North America markets
- 2,200+ global on-net third-party data centers
- ~163,000 global on-net buildings
- ~340,000 global fiber route miles

Experience

Near real-time visibility and unified control with Lumen ConnectSM

- A unified, modern platform to manage all Lumen services, streamlining operations and reducing tool sprawl with seamless navigation
- Provision and scale IP VPN On-Demand in minutes through Lumen Connect, with self-service activation, near real-time changes, and automated workflows
- Quickly order, modify, and repair services with self-service workflows and robust automation
- Real-time, costs and usage for budget control and simplified renewals
- Built on a secure, reliable platform with auditability and multi-factor authentication

Innovative Leader in Network-as-a-Service



Named North American [Network-as-a-Service Provider of the Year 2025](#) by Mplify Alliance (Formerly MEF)



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

Why Lumen?

Lumen IP VPN delivers a secure, stable global network designed for digital businesses that demand high-speed, reliable connectivity. In addition to traditional IP VPN, VPN On-Demand gives you the flexibility to scale secure, private connections to cloud environments or remote sites in minutes, without long provisioning cycles. This capability fits seamlessly into the Lumen Network-as-a-Service (NaaS) model, enabling flexible bandwidth allocation and a pay-as-you-go billing model. Lumen operates the #1 peered global network and delivers reliable connectivity across key markets and business locations.¹

¹ CAIDA, AS Rank, January 2025