Lumen® Dedicated Internet Access

Go full speed, up to 100 Gbps

Today's enterprise requires cloud-ready networking ecosystems capable of rapidly responding to changing business needs as bandwidth demands continue to grow. A faster, more reliable connection can positively affect your customers' experience and set you apart from competitors. To maximize internal operations, every transaction needs to take place securely, reliably and in real time — no matter where your employees or suppliers are located.

At Lumen, we know you not only need an Internet connection that exceeds expectations, but also a provider that offers comprehensive solutions for your business requirements. The Lumen Dedicated Internet Access (DIA) service combines vital business Internet features with maximum global reach and scalability.

Common use cases

- Consistent high-performing symmetrical connection to public cloud applications for fast performance
- Internet bandwidth that is dedicated to your business supporting real-time applications like video and voice
- Secure, consistent fast upload and download of data to all your Internet destinations

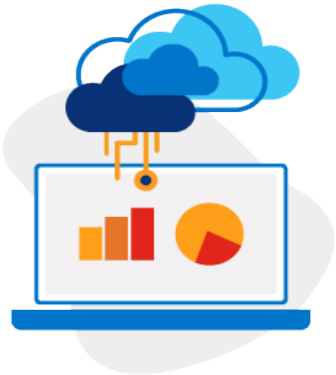
> **"There's no doubt that businesses rely on fast, secure, and reliable access to the Internet. Our research illustrates how this story is unfolding: business Internet is growing within the WAN service portfolio across enterprise sites. This means that comprehensive, scalable solutions are essential for global business - now more than ever."**
>
> **— Erik Kreifeldt**
> **Principal Analyst, Telegeography**

Features and specs

Essential capabilities

- Access types: Ethernet, Wavelengths, and Cross-connect
- Port types: Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet and 100 Gigabit Ethernet
- Flexible billing solutions - Flat Rate, Commit Plus Burst and Billing Arrangement (aggregate)
- Lumen standard network security includes temporary IP filtering through null routes and limited ACL filtering
- Support for IP addressing, IPv4 and IPv4/IPv6 dual-stack
- BGP or static routing
- Microsoft Azure Peering Service included

LUMEN® TECHNOLOGIES



Lumen Internet benefits

- One of the world's largest ISPs connects you to vital business Internet features with maximum global reach and scalability with sophisticated AS3356 network protection
- #1 peered global network[1]
- Full suite of managed security services available for enhanced protection

Simplified IT management

- Lumen® Control Center with Network Visibility provides customers with site-specific and circuit-specific bandwidth utilization and performance visibility including latency, jitter, packet delivery, and bandwidth utilization[2]
- 24/7 dedicated operational support from experienced IP professionals
- Staff of solution architects dedicated to finding the best services to meet your business needs
- Users control settings for personalized watch/warning thresholds with email alerts

Lumen security solutions

Lumen® Managed Security Services

- Premises or network-based firewall, intrusion detection, prevention, and unified threat management (UTM)

Lumen® DDoS Mitigation

- On-demand or always-on mitigation pulling customer traffic through route redirection (BGP configuration or DNS redirect) on to the Lumen global mitigation network scrubbing centers for cleansing

Lumen® Network Protection

- Subscription-based IP filtering with permanent ACLs, SLAs, and Security Operations Services

Lumen® Professional Security Services

- Assist in testing and assessing an organization's environment to identify critical vulnerabilities
- Develop a comprehensive security plan, including recommendations to remediate vulnerabilities

Why Lumen?

Lumen Internet Services are recognized by global enterprises for scalability, availability and reliability. Lumen operates one of the most highly peered global IP networks, delivering Internet connectivity in over 35 countries with 150 PoPs globally. We also deliver a network experience that is easy to set up, simple to purchase, and fast to install — all supported on a secure, stable technology platform designed to connect digital business.

1 - The Center for Applied Internet Data Analysis, AS Rank, May 1, 2022
2 - Performance metrics and visibility may be limited

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