

Lumen® Dedicated Internet Access

In business, connections are everything

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

- Consistently high-performing symmetrical connection to public cloud applications.
- Internet bandwidth that is dedicated to your business supporting real-time applications like video and voice.
- Secure, consistently fast upload and download of data to the cloud for employee and customer sharing

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There's no doubt that business relies 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.”

– Quote from Erik Kreifeldt
Principal Analyst, Telegeography

Lumen was among the first Microsoft Azure Peering Service ISP partners in North America and now offers service in Europe, Hong Kong, and Singapore.

Lumen DIA customers with BGP routing can use Microsoft Azure Peering Service today for no additional cost.



Features and specs

Essential capabilities

- A comprehensive suite of high-quality, high-speed Internet options such as, Wavelengths, or Ethernet connections from 10/100Mbps ports to 100 Gbps ports
- Flexible billing solutions - flat rate, burstable/usage-based and aggregate billing options
- Lumen standard network security includes temporary IP filtering through null routes and limited ACL filtering upon request

Control and support

- Support for IP addressing, IPv4 and IPv4/IPv6 dual-stack
- BGP or static routing
- 24/7 dedicated operational support from experienced IP and Security professionals
- Lumen® Control Center with Network Visibility provides customers with site-specific and circuit-specific performance visibility including latency, jitter, packet delivery, and bandwidth utilization.
- Users control settings for personalized watch/warning thresholds with email alerts

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Lumen internet benefits

- Reliable backbone connecting six continents and serving customers in more than 60+ countries
- Scalable, enterprise-grade, high-speed dedicated Internet access
- #1 peered global network¹
- Minimal network hops for a high-quality connection with speed and resiliency
- Full suite of managed security services available for enhanced protection

Simplified IT management

- Lumen Control Center is a centralized portal to manage your entire service experience
- Reliable bandwidth, scalable Ethernet services and managed router services, all with multiple pricing options
- Staff of solution architects dedicated to finding the best services to meet your business needs
- 24/7 technical support

Lumen serves customers in more than 60 countries.

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) onto the Lumen global mitigation network scrubbing centers for cleansing.

Lumen Network Protection

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

Lumen® Professional Security Services

- Assist in testing and assessing an organization's environment to identify critical vulnerabilities. Helping to develop a comprehensive security plan including a path with 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 40 countries with over 120 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