

# Lumen® Dedicated Internet Access

In business, connections are everything.

Today's enterprise requires application-driven, 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.

**Global connections.** Lumen has the capability to connect customers to network services in over 110 countries and over 6,000 cities across the globe with over 48Tbps of global peering capacity delivered over approximately 450,000 global route miles of fiber.

**Built-in security.** Global Security Operations Centers (SOC) pro-actively and reactively protect our customers from nefarious attacks with 24/7 monitoring and mitigation. We offer a full suite of Security solutions to maintain data integrity across the Lumen® Internet platform

**Streamlined operations.** Flexible access, bandwidth, and billing options – all backed by comprehensive SLAs to accommodate your changing business needs. Lumen Dedicated Internet Access connects you quickly with minimal hops, for a high-performance experience and uniform upload and download speeds.

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## 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.

## Features and Benefits

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

- Reliable backbone connecting six continents and the ability to connect customers to network services in more than 60+ countries
- Scalable, enterprise-grade, high-speed dedicated Internet access
- One of the most deeply peered global IP backbones with the capability to connect customers to network services in over 6,000 cities across the globe
- Minimal network hops for a high-quality connection with speed and resiliency
- Full suite of managed security services available for enhanced protection

### Lumen is among the first Microsoft Azure Peering Service ISP partners in North America.

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

Contact Microsoft to get started.



## 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 organizations environment to identify critical vulnerabilities. Help in developing a comprehensive security plan, including a path with recommendations to remediate vulnerabilities.

## 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

## 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 connectivity to over 2,200 public and private data centers. 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.