# 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. Lumen Dedicated Internet Access (DIA) combines vital internet features with reach and scalability.

### Lumen Internet Benefits
- Scalable, enterprise-grade, high speed dedicated internet access
- Operating the #1 peered global network[1]
- Minimal network hops for a high-quality connection with speed and resiliency
- Full suite of managed security services available for enhanced protection

**Peering Provider Verified Gold**

Quickly turn up and scale connectivity with Lumen and reliably connect with Google services via high-speed enterprise-grade internet for optimal performance, for no additional cost.

**Microsoft Azure**

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

" **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."**

**– Erik Kreifeldt**
    **Principal Analyst, Telegeography**

## 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

1. The Center for Applied Internet Data Analysis, AS Rank, March 2024

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## Features and Specs

### Key capabilities
- Scalable bandwidth with speeds from 10Mbps to 100Gbps
- A comprehensive suite of high-quality, high-speed connectivity options such as Wavelengths or Ethernet connections
- Lumen standard network security includes temporary IP filtering through null routes and limited ACL filtering upon request
- Support for IP addressing - IPv4 and IPv4/IPv6 dualstack
- BGP or static routing

### Control and visibility
- Lumen® Control Center delivers a centralized portal to manage your entire service experience
- Users control settings for personalized watch/warning thresholds with email alerts
- Network Visibility provides customers with site-specific and circuit specific performance visibility including latency, jitter, packet delivery, and bandwidth utilization
- The Lumen API Developer Center offers access to Business Integration APIs: Service Availability, Quoting Ordering, Order Status, Service Diagnostics, Customer Billing, Ticketing and Scheduled Maintenance

### Dedicated support
- Flat rate, Commit Plus Burst, and Aggregate billing options
- 99.99% service availability SLA to support service
- Staff of solution architects dedicated to finding the best solutions to meet your business needs
- 24/7 dedicated operational support from experienced IP and Security professionals

## Integrated solutions

Partnered with Dedicated Internet Access, these integrated solutions empower your business growth by offering secure, high-performance connectivity and seamless collaboration tailored to your organizational needs, helping ensure scalable, efficient operations and proactive threat protection across multiple environments.

### Lumen® Managed & Professional Services
- Certified consultants and engineers help to reduce threat management overload, build, implement and optimize your IT infrastructure and provide ongoing support for your organization.

### Lumen® SASE
- Lumen DIA + SASE provides high-performance internet access with comprehensive security measures to protect data across all endpoints, streamlining internet performance and security through a single, streamlined service.

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

### Lumen® DDoS Mitigation
- Provides real time attack mitigation and prevention by pulling customer traffic through route redirection (BGP or DNS direct) onto the Lumen mitigation network scrubbing centers for cleansing.

### Lumen® Cloud Communications
- DIA provides the redundant internet needed to support the high-quality video and seamless voice and messaging delivered by Lumen Cloud Communications.

## Why Lumen?

Lumen Internet Services are recognized by global enterprises for scalability, availability, and reliability. We deliver a network experience that is easy to set up, simple to purchase and quick to install. With a highly peered global IP network, Lumen provides the high-speed, low-latency connectivity your organization needs to excel in today's AI-driven economy.

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