

Lumen Internet Services

Deliver applications and data with a high-performing and secure global IP network

In business, connections are everything

At Lumen, we know you need more than an internet connection that's fast. You need comprehensive solutions that are scalable, reliable, and secure. After all, the internet is the foundation for enabling applications, business functions and more for your customers, employees, and partners.

For performance and peace of mind, rely on Lumen

Specifically geared for enterprise applications and market growth, our network span—coupled with the speed and resiliency of our Internet Services—can help reliably and securely provide the enhanced internet capabilities your business demands

Business solutions

Benefit from the greater operational efficiencies of a single-provider solution serving customers in 60+ countries

Lumen Internet Services provide fast, reliable global internet access over our high-performance, diverse network. with over 450 Tbps of total global IP ingress/egress capacity

Our network spans 500,000 route miles globally with extensive off-net access solutions across North America, Europe, Latin America, and Asia Pacific.

Common Use Cases

- High-availability internet to reach global connections with minimal hops
- Centralized network security to keep internet customers and data safe from attacks
- Simplify business operations with flexibility, bandwidth, and billing options

A secure internet

- Our expertise combined with centralized network security, enables an efficient and secure connection. The Lumen Security Operations Center (SOC) keeps customers safe from attacks employing 24/7 network monitoring and mitigation
- We set a standard for maintaining a clean network and we offer a full suite of Lumen Security solutions for greater protection and maximum network performance.

Achieve operational efficiencies

- Simplify and streamline business operations with flexibility, bandwidth, and billing options to accommodate your unique needs.
- Benefit from easy access, always-on online support through our customer portal, or turn to our 24/7 support center. Lumen Internet Services are backed with SLAs.

Deliver an exceptional customer experience

- Lumen supports all phases of the customer service lifecycle. We provide high-quality access to your online assets, cloud technology, and converged networking solutions to support your customers, employees, and partners.
- As a high availability, globally connected internet service provider (ISP), Lumen Internet Services can help you reach destinations quickly with fewer hops, for a high- performance experience with uniform upload and download speeds.

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“The Internet is the foundation for enabling applications, business functions and connectivity to customers, employees, and partners. A single-provider solution offers greater operational efficiencies. Lumen Internet services continue to lead the industry providing global internet reach — no matter where connections for employees or suppliers are located to help businesses become more agile and digitally transform.”

- Quote from Lynda Statdmueller
Research Vice President & Practice
Lead, Information & Communications
Frost & Sullivan

Features and Specs

Flexibility

- Flexible billing solutions—flat rate, usage-based and aggregate billing options
- IP enabled facilities are only a cross connect away from our IP backbone
- Available Building Extension to extend service from network demarcation point to the desired location within your building (i.e., floor, suite, etc.)
- Internet security: Our standard network security includes temporary IP filtering through null routes and limited ACL filtering upon request

Efficiency

- Efficient online service management that includes a customer portal with access to billing, manage trouble tickets and real-time SLA reports
- Lumen Network Visibility provides customers with site-specific and circuit-specific performance visibility including latency, jitter, packet delivery, and bandwidth utilization*

Performance

- Support for IP addressing, IPv4 and IPv4/IPv6 dual-stack, DNS, BGP or static routing
- 24/7 dedicated operational support from experienced IP and security professionals
- A comprehensive suite of high-quality, high-speed internet solutions
- Ethernet and Wavelengths access from 10/100 Mbps to 10Gbps and 100Gbps

Why choose Lumen for Internet services?

- Lumen services customers in 60+ countries
- Scalable, enterprise-grade, high-speed dedicated internet access with localized private peering with private interconnects for performance
- Minimized network hops for a high-quality connection with speed and resiliency
- Full security suite for comprehensive protection and network performance, with 24/7 network security vigilance provided by the Lumen Security Operations Center

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.



Available Lumen security solutions

Lumen® Managed Security Services

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

Lumen® DDoS Mitigation

Flexibility in pulling customer traffic through route redirection (BGP configuration or DNS redirect) onto Lumen's 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?

Our global network reach and deep domestic U.S. market presence provides a scalable platform specifically geared for enterprise applications and market growth. Our network coupled with the speed and resiliency of our Internet Services, help to reliably and securely provide the enhanced Internet capabilities your business demands.

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