

LumenSM Ethernet Services

LumenSM Ethernet Services (E-Services) power secure, high-performance network solutions that enable voice, video, and data applications. Offering point-to-point, point-to-multipoint, and multipoint-to-multipoint private connectivity with scalable, dynamic bandwidth, Lumen E-Services is ideal for providing high-speed connections among corporate headquarters, data centres, and other business locations around the world.

With multiple configuration and class of service options backed by comprehensive service level agreements (SLA), you can rely on Lumen E-Services as the foundation for solving complex networking challenges, like business continuity and disaster recovery, high-performance centralised computing, data replication/storage/archiving, and internal voice and video conferencing.

Lumen E-Services offers a turnkey Ethernet solution with Customer Extensions.* to extend services from the common demarcation point to your desired location within your building. Plus, Advanced Engineering Services are available to help support solution designs, implementation planning and activation support, which drives quick, easy deployments for new Ethernet networks and locations.

E-Services SDN solutions

Lumen E-Services software-defined networking (SDN) capabilities enable your network to respond to business connectivity demands in real-time, transforming how you can design and manage your network.

LumenSM Cloud Connect Dynamic Connections**

Enables real-time provisioning of connections between data centers and cloud providers. Billing on a pay-as-you-go model, with no long-term contract and no early termination fees,** you have the control and flexibility to add or remove connections at any time to your network as applications and infrastructure requirements shift.

Lumen is recognized by the MEF as a consistent, multi-year award winning leader in the industry, delivering value and expertise to customers across the globe.

LumenSM enhanced management

Provides visibility into network performance statistics on an end-to-end, site-by-site basis, so you can better understand the demands on your network and use this intelligence to monitor and optimize it.

LumenSM Dynamic Capacity**

Gives you the ability to scale your bandwidth by up to 300 percent on demand, scheduled for planned events, or with Enhanced Management to automatically accommodate traffic fluctuations from unplanned events. Dynamic Capacity charges are made on an hourly basis with predictable and assignable costs.

*Available in select countries

** Available in select configurations

*** A Lumen master services agreement for network services with minimum term and early termination fees is required to gain access to Dynamic Connections



Technical features/capabilities

E-Services Portfolio

The LumenSM E-Services product set can help enable any Ethernet network design

- LumenSM E-Line Service is available for point-to-point or point-to-multipoint networking.
- LumenSM E-LAN Service is available for multipoint-to-multipoint networking.
- LumenSM E-Access Service utilises an ENNI to deliver point-to-multipoint connectivity to extend a carrier and service provider's reach.

Key Features Include

- Layer 2 Ethernet over private MPLS backbone.
- Availability SLA: 99.999%.
- Port Speeds: 100 Mbps, 1 Gbps, 10 Gbps.
- Bandwidths available from 2 Mbps to 6 Gbps*.
- CE MEF2.0 industry standards certification to support multiple configurations.
- Two Class of Service models:
 - Single-CoS - Basic, Enhanced, or Dedicated on a per-EVC basis.
 - Multi-CoS** on a per-frame basis.
- Enhanced Management for site specific SLAs and end-to-end network visibility.
- Dynamic Capacity** for instantly scalable bandwidth.
- Dynamic Connections** for adding connectivity between data centers and cloud service providers.

* 4-6Gbps speeds subject to availability

** Available in select configurations

Why choose Lumen E-Services?

Lumen E-Services combines an industry-leading network, deep bench of MEF-certified professionals, and breadth of configuration options with the simple, secure, and efficient nature of Ethernet to help enable your business to implement a flexible network and empower you to focus on your customers.

Lumen E-Services provide a highly configurable and secure network solution on which to run your mission critical applications

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