Lumen® Multi-Cloud Gateway

Simplifying multi-cloud connectivity.

In today's digital landscape, organizations increasingly rely on a mix of public and private clouds to support distributed applications. This multi-cloud approach enables businesses to harness the unique strengths of different cloud platforms, to help ensure optimal performance, scalability, and cost-efficiency. However, managing connectivity across diverse cloud environments introduces significant challenges—including inconsistent bandwidth requirements, complex integration processes, and the need for secure, frictionless private cloud connectivity.

Lumen transforms complexity into simplicity with its Multi-Cloud Gateway, streamlining cloud connectivity through virtual Layer-3 routing built on the Lumen® Connectivity Fabric™. This enables private, predictable networking between cloud providers and enterprise locations—without hairpinning through on-premises hubs. The result: fast time-to-value, low total cost of ownership, and a scalable foundation ready for AI-driven growth.

Accelerated deployment & scale
Spin up inter-cloud and hybrid paths within minutes through APIs or an intuitive UI. Centralize routing policies once and standardize cloud on-ramps and data center connectivity for rapid, repeatable deployment. Now available at 10M+ locations.

Enhanced performance & user experience
Use private, high-bandwidth cloud on-ramps to cut latency, bypass public-internet bottlenecks, and enable enhanced application performance for AI, analytics, and real-time workloads.

Mitigated cost & operational effort
Consolidate cloud connectivity through a single gateway to help eliminate duplicated CSP ports and per-site terminations. Minimize backhaul costs and simplify operations through a single pane of glass for greater agility and efficiency.

Simplify management

Self-serve your network connection in real-time, easily scaling to meet business demand via Lumen APIs and online portal user interface.

Trim cost

Efficiently connect to multiple clouds with consumption-based, pay-as-you-go multi-cloud connectivity across a private, SLA-backed service network.

Minimize risk

Offset the risk of unpredictable network traffic across clouds with private IP to help lock out vulnerabilities.



"The biggest benefit of working with Lumen is having a partner with the capability and flexibility to design solutions tailored to our unique needs."

– Colby Thames
Chief Technology Officer, Certegy Payment Solutions*

*Current Lumen customer compensated for their endorsement

LUMEN® TECHNOLOGIES

Features and specs

Virtual Layer-3 gateway on Lumen Connectivity Fabric

- Centralized BGP peering and route control; IP prefix filtering (inbound/outbound)
- Inter-cloud and hybrid routing at physical on-ramps; private paths across the Lumen network
- Throughput tiers aligned to aggregate connectivity attachments (e.g., up to 10 Gbps, up to 50 Gbps, and higher tiers depending on configuration)

Lumen Ethernet Fabric Connect

- Hosted cloud, dedicated cloud, VP2P EVPL, transparent P2P (EPL), virtual MP2MP EVPLAN, and transparent MP2MP EPLAN

Operations & control

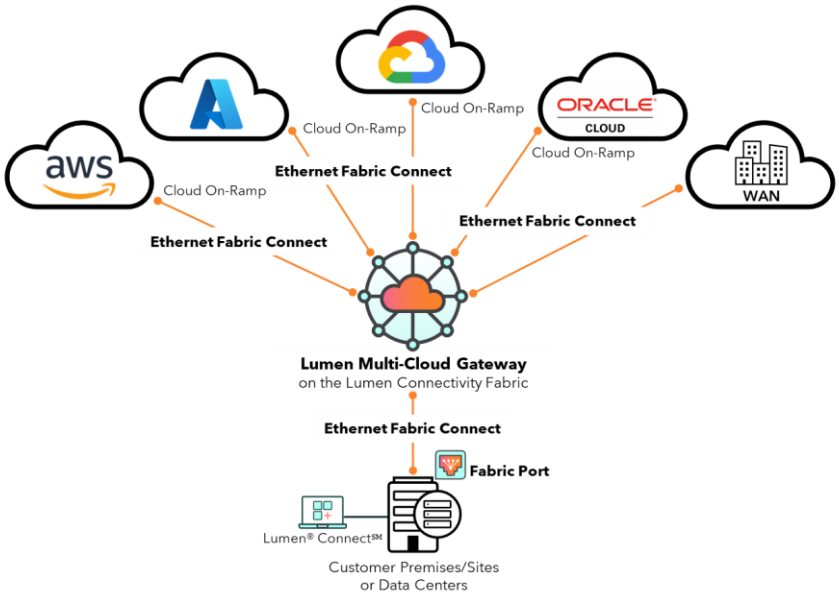
- Self-serve Lumen® Connect℠ portal and APIs for provisioning and change
- Routing, traffic and NAT statistics, and logs for visibility (NAT on roadmap; availability may vary by phase)

Performance envelope

- High-capacity backbone designed for low-latency and scale; private interconnects to leading clouds; selective 100G–400G transport options in supported markets

Common use cases

- **Corporate edge/LAN to cloud**: Extend branches and campuses into clouds via the gateway to simplify access and help reduce per-site cloud terminations.
- **Cloud-to-cloud interconnect**: Move data and workloads directly between AWS, Azure, Google Cloud, Oracle, etc., over private on-ramp paths—no trombone routing, low egress exposure.
- **Data center networking**: Bridge private data centers with multiple clouds on a unified fabric for migration, disaster recovery, and burst compute.
- **Metro/region mesh**: Create low-latency meshes across on-net facilities and clouds for replication, analytics, media workflows, and real-time apps.



Why Lumen?

Lumen is unleashing the world's digital potential. We ignite business growth by connecting people, data, and applications – quickly, securely, and effortlessly. As the trusted network for AI, Lumen uses the scale of our network to help companies realize AI's full potential. From metro connectivity to long-haul data transport to our edge cloud, security, managed service, and digital platform capabilities, we meet our customers' needs today and as they build for tomorrow.

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