LUMEN® Google Cloud

Enable AI Enterprises with Advanced Network Connectivity from Lumen & Google Cloud

Drive digital transformation and AI innovation with high-performance, SLA-backed private cloud connectivity between your data centers and Google Cloud.

Enterprises today face mounting challenges in scaling their networks to support AI, data analytics, and hybrid cloud environments. As data volumes surge and applications demand low-latency, organizations need robust, flexible, and secure network solutions that can scale rapidly and reliably. Traditional connectivity models often fall short, delaying time to value, increasing operational complexity, and limiting access to cloud-powered innovation.
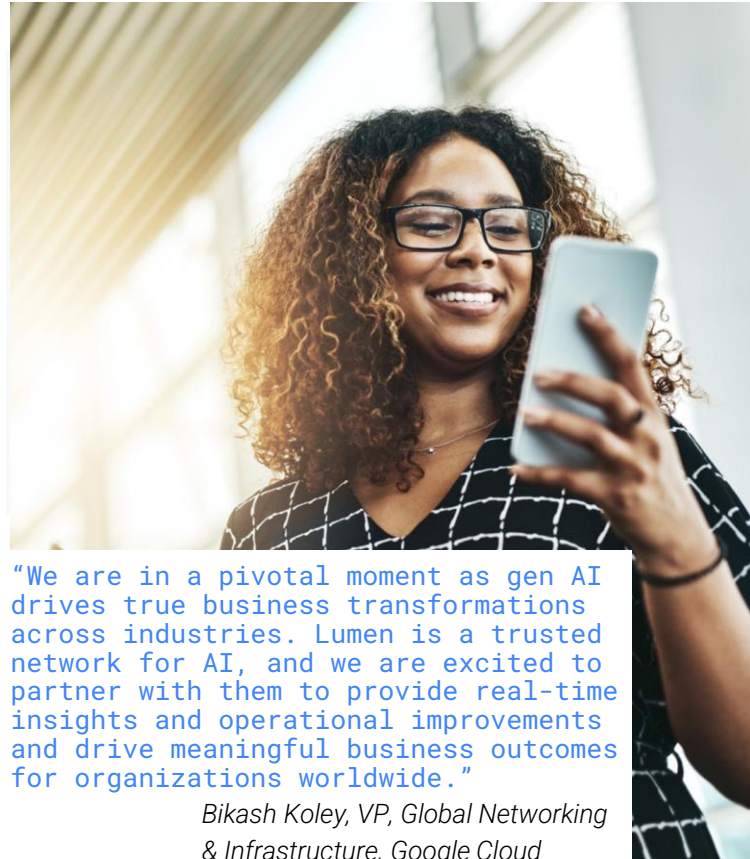
To overcome these challenges, enterprises require a solution that delivers high bandwidth, private, and resilient connections to the cloud, with the agility to adapt to evolving business needs. Lumen and Google Cloud have partnered to deliver just that: a next-generation network infrastructure purpose-built for the AI era.

Combining Strengths for Next-Gen Cloud Solutions

Lumen and Google Cloud have joined forces to provide enterprises with direct, SLA-backed fiber connectivity from customer data centers to Google Cloud regions. This partnership enables organizations to accelerate AI adoption, streamline operations, and unlock new business value through:

Direct Fiber Access: High-bandwidth, private connections from customer data centers to Google Cloud, to provide consistent performance and reliability.

Capacity Planning for Rapid Turn-up: Strategically allocated bandwidth (100G/400G) to enable fast and reliable service activation.

"We are in a pivotal moment as gen AI drives true business transformations across industries. Lumen is a trusted network for AI, and we are excited to partner with them to provide real-time insights and operational improvements and drive meaningful business outcomes for organizations worldwide."

Bikash Koley, VP, Global Networking & Infrastructure, Google Cloud
Source: Lumen News Release, Nov 5, 2024

By combining Lumen's extensive fiber network and operational expertise with Google Cloud's global infrastructure and AI capabilities, customers gain a seamless, secure, and future-ready foundation for their most demanding workloads.

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Google Cloud

- Lumen provides private, high-bandwidth fiber connections from enterprise data centers to Google Cloud
- Connections are backed by SLAs for reliable, low-latency performance
- Flexible bandwidth options allow organizations to scale connectivity as needed

- Rapid provisioning enables quick setup for cloud and AI projects
- Simplicity of data movement supports agile deployment of workloads and AI models
- Streamlined procurement processes remove barriers to cloud adoption

- Managed services and automation to minimize complexity for hybrid and multi-cloud environments
- The scalable architecture adapts to evolving business and technology needs
- Future-ready infrastructure positions enterprises to capitalize on new opportunities in the AI era

High-Performance, SLA-Backed Connectivity

At the heart of the Lumen-Google Cloud partnership is a commitment to delivering connectivity that meets the demands of the modern enterprises. Lumen's direct fiber access provides customers with private, high-bandwidth connections from their data centers to Google Cloud, to enable consistent performance and reliability.

These network services are backed by robust services level agreements (SLAs), to help give organizations the confidence that their mission-critical and AI workloads will run smoothly, without interruption. Flexible bandwidth options, including 100G and 400G, allow businesses to scale as their workloads' needs evolve.

Accelerated Cloud & AI Adoption

This partnership is designed to remove barriers to cloud adoption and empower enterprises to leverage AI at scale. Through rapid-provisioning, enabled by pre-provisioned capacity and streamlined ordering via the Google Cloud Marketplace. Organizations can quickly establish the connectivity they need to move data and workloads between on-premises environments and Google Cloud.

This agility is crucial for businesses looking to innovate, as it allows them to deploy new services, experiment with AI models and respond to market changes in an agile manner. By simplifying the procurement and deployment process, Lumen and Google Cloud make it easy for enterprises to embrace digital transformation.

Operational Simplicity and Future-Readiness

Operational complexity is a common challenge for enterprises managing hybrid and multi-cloud enviornments. Lumen's managed services and automation capabilities help reduce this complexity, providing customers with a simple experience from initial setup to ongoing management.

This joint solution is built on a scalable architecture that can adapt to future requirements, including expanded direct connectivity options and enhanced marketplace offerings. Organizations can rely on Lumen and Google Cloud to deliver solutions that are not only robust and secure, but also flexible and ready for what comes next.

With Lumen and Google Cloud, enterprises can confidently embrace the AI era. Backed by a network infrastructure that delivers speed, security, and scalability for tomorrow's digital demands.

Learn more about our joint solutions for AI and cloud