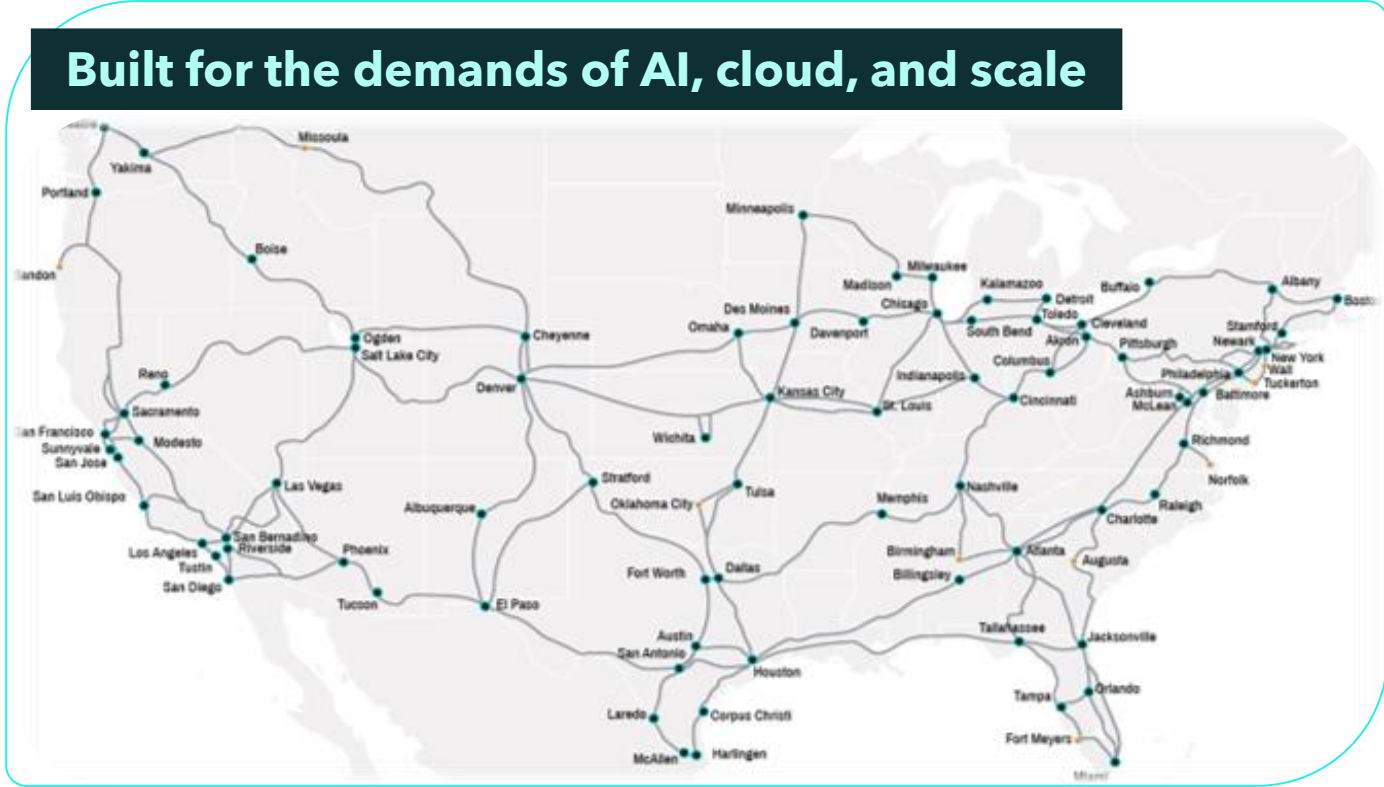


# Lumen Infrastructure Services

Secure, scalable infrastructure powering cloud, AI, and connectivity.

## What are Lumen Infrastructure Services?

Lumen Infrastructure Services provide a secure, scalable private connectivity foundation from core network to the edge, supporting AI growth, hybrid cloud strategies, and evolving business demands, all backed by Lumen's #1 peered network.<sup>1</sup>



**Built for the demands of AI, cloud, and scale**

- 125+** North American optical cloud on-ramps
- <5 ms** Of latency at the edge, designed to cover 97% of U.S. business demand
- 22 million** Metro fiber miles as of 2026
- 400 Gbps** Connectivity across major route
- 340,000~** Global fiber route miles

## The Lumen Infrastructure Portfolio

<p><b>Lumen Wavelength Solutions</b> Scalable, dedicated connectivity up to 400 Gbps</p>	<p><b>Private Connectivity Fabric</b> AI-optimized, fast private connectivity</p>	<p><b>Lumen Dark Fiber</b> Dedicated fiber to support control, scale, and performance</p>	<p><b>Lumen Network Colocation</b> Scalable, secure colocation for modern enterprise workloads</p>	<p><b>Lumen Edge Computing &amp; Storage</b> Secure edge compute for AI and next-gen applications</p>	<p><b>Lumen Enterprise Broadband</b> Reliable, high-speed enterprise broadband built to scale</p>
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## Key Benefits

- High-performance backbone:** Predictable, scalable transport across ~340,000 global fiber route miles for AI workloads
- Hybrid connectivity efficiency:** Low-latency, secure connectivity to help simplify hybrid and multi-cloud operations
- Secure near real-time edge compute:** Near real-time compute and processing close to users and data sources
- AI-ready network control:** Dedicated, scalable network ownership supporting advanced AI business models

## Top Use Cases

- Building the AI backbone:** Designed to move massive data volumes securely and efficiently to power AI training, inference, and analytics across data centers and clouds
- Seamless multi-cloud integration:** Connect multi-cloud and on-prem environments through a single fabric
- Near real-time AI and IoT processing:** Process data at the edge for automation, analytics, and near real-time decisions
- AI Infrastructure transformation:** Power AI workloads using PCF across edge, core, and cloud

## Trusted by Growing Enterprises

<p>Lumen improved performance while lowering costs</p>	<p>Lumen enabled hyperscaler-grade private connectivity</p>	<p>Lumen maintained high uptime despite disruptions</p>
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**Why Lumen?**  
Lumen delivers more than connectivity. With a secure, scalable infrastructure foundation from core network to edge, enterprises gain high-performance capabilities designed to power AI, accelerate hybrid cloud, and support mission-critical operations. Ready to modernize your infrastructure? **Schedule a consultation** to unlock performance, resilience, and scale for what's next.