

Powering Finance at the Speed of the Market

Financial institutions rely on resilient infrastructure to support customers, employees, and critical operations across the organization. As financial services organizations expand their use of AI, real-time payments, advanced analytics, and hybrid cloud architectures, infrastructure must evolve to deliver the performance, security, and resilience required to operate with confidence.

Business Outcomes

Power near real-time financial operations

Designed to support always-on banking, trading, and payment workflows with high-capacity, low-latency infrastructure that keeps transactions, data, and applications moving securely and predictably across branches, data centers and clouds.

Resilience and compliance by design

Build infrastructure with redundancy, locality, and security, engineered in from the start to help protect critical financial systems, meet regulatory requirements, and maintain business continuity in the face of cyber threats, outages, and market volatility.

Built for scalable growth

Scale infrastructure capacity to transaction growth, AI adoption, and peak demand without overbuilding, balancing cost efficiency with long-term scalability.



86% of banking executives say modernization is critical to achieving long-term strategic goals, yet only **18%** feel equipped to execute it.¹

Top Use Cases

- **Core banking & transaction processing:** high availability low-latency infrastructure to support core banking systems and near real-time transaction processing across payments, settlement, and clearing workflows with consistent performance and uptime.
- **Branch & distributed connectivity:** secure, reliable connectivity for branches, ATMs, call centers, and offices to support employee productivity, and smooth customer interactions across distributed locations.
- **Resilience & disaster recovery:** Redundant, resilient infrastructure to help ensure high availability, failover, and regulatory-grade disaster recovery for mission-critical financial systems.
- **Hybrid and multi-cloud infrastructure:** Private, high-performance connectivity between on-premises environments and cloud platforms to support modernization of legacy systems, analytics workloads, and customer-facing applications.

¹Global State of Bank Modernization & Technology Transformation Survey, April 2025

Features and Specifications

Infrastructure that Powered Modern Financial Services

In financial services, infrastructure is only valuable if it keeps transactions moving, risk contained, and decisions fast, without compromise. Lumen delivers a high-performance, secure foundation that connects financial ecosystems across data centers, markets, branches, and clouds, enabling institutions to operate with confidence in near real time.

Wavelengths

- Move trading, payment, and core banking data with low latency across data centers, exchanges, and clouds.
- While north-south flows remain foundational for customer transactions, the largest financial services capacity demands are increasingly driven by east-west connectivity across regions, data centers, and compute clusters, both supported by Lumen at scale.
- Scale quickly and easily with predefined capacity on high-demand routes using RapidRoutesSM, designed to reduce time to deploy and supporting growth without custom builds.

Dark Fiber

- Provide long-term capacity and control to support data growth, regulatory separation, and expansion to maintain predictable performance and cost efficiency.

Edge Compute & Edge Bare Metal

- Process data closer to branches, trading venues, and payment environments to reduce latency and enable near real-time fraud detection, risk scoring, and AI inference.

Network Colocation

- Improve uptime and simplify hybrid architectures by securely hosting and interconnecting mission-critical financial platforms.

Enterprise Broadband

- Deliver reliable wired and wireless connectivity for branches, offices, and operational sites to help ensure transactions, employee tools, and digital banking services remain available during outages, market volatility, or rapid expansion.



The Lumen network offers up to **400 Gbps** transport, backed by **350+ Tbps** global IP capacity and **~340,000 fiber route miles**, providing the scale and performance required for AI-ready, cloud-intensive workloads.

Take the next step

Ready to keep transactions flowing, risk contained, and customers confident? Connect with a Lumen representative to see how our infrastructure services power time-critical financial operations with resilience and control.

Why Lumen?

Lumen delivers secure, high-performance infrastructure built on one of the world's most expansive and deeply peered networks. With decades of experience supporting highly regulated industries, we help financial institutions simplify complex infrastructure challenges while maintaining performance, security, and compliance. Our continued investment in AI-ready infrastructure, edge computing, and high-capacity fiber ensures

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