

LumenSM IQ+[®] Financial Network

Scalable, latency-optimized connectivity to speed market data.

Market data is the lifeblood of financial markets, and Lumen provides the latency-optimized connectivity to over 200 exchange and liquidity venue feeds to keep it flowing around the globe.

Whether it's price discovery, post-trade processing or portfolio valuation, Lumen IQ+ Financial Network delivers a secure, fully managed and highly resilient network designed specifically for the demanding needs of financial markets. The IQ+ Financial Network is purpose built to seamlessly handle all your pre-trade, order execution and post-trade requirements. And with predictable and flexible pricing, you'll be able to keep up with changing market needs.

Scalable capacity

Add, drop, or change constituent feeds and connectivity options as needs dictate

Instant routing

Leverage the lowest latency physical routes, utilizing latency-optimized network infrastructure and real-time monitoring precise to the microsecond

Network resiliency

Gain resiliency through use of primary and secondary network ports

Enhanced visibility

Get access to the Lumen customer portal to view a range of statistics, including bandwidth usage, latency, micro bursting and gapping measurements for all exchanges available on IQ+ Financial

Price flexibility

Get budget predictability with minimum one-year contract with two, and three-year options available

Global access

Choose flexible and scalable market data and trading connectivity options covering a wide range of exchanges and trading venues across the globe

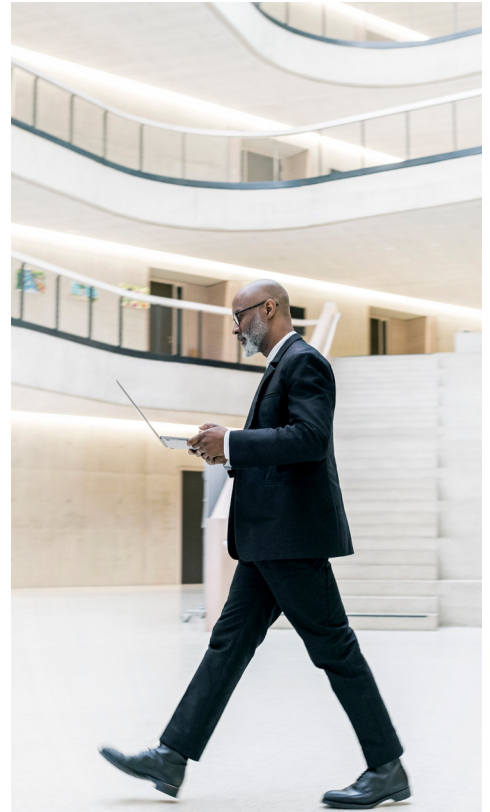
Terms and conditions

- Offer limited to renewals and new customers
- Available in a number of Cyxtera, Equinix and other third-party data centers across North America and the U.K
- Additional "last mile" connectivity and charges required for delivery to other locations
- Excludes additional third-party charges such as exchange and redistribution, taxes, fees and surcharges



Choose the ports and speeds you need

| Port Bandwidth in Mbps | CE option | Monthly charge (USD) |
|------------------------|-----------------|----------------------|
| 2 | No CPE | \$225 |
| 10 | No CPE | \$400 |
| 100 | No CPE | \$550 |
| 1000 | No CPE | \$950 |
| 10000 | No CPE | \$1,950 |
| 40000 | No CPE | \$6,500 |
| 2 | Juniper EX3300 | \$275 |
| 10 | Juniper EX3300 | \$450 |
| 100 | Juniper EX3300 | \$600 |
| 1000 | Juniper EX3300 | \$1,000 |
| 100 | Juniper EX4300 | \$1,400 |
| 1000 | Juniper EX4300 | \$1,800 |
| 10000 | Juniper EX4300 | \$2,450 |
| 100 | Juniper EX4300F | \$1,500 |
| 1000 | Juniper EX4300F | \$1,900 |
| 10000 | Juniper EX4300F | \$2,550 |
| 100 | Arista 7124 | \$1,850 |
| 1000 | Arista 7124 | \$2,250 |
| 10000 | Arista 7124 | \$2,900 |



All charges shown are per port, require a 1-year term agreement and exclude applicable taxes, fees and surcharges. Listed bandwidth speeds are not guaranteed and can vary due to conditions outside of network control, including customer location, equipment and access through a wireless connection. Rates are current as of October 2020.

Venues

| Exchange | Sizing | Monthly charge (per port) | Install charge (per port) |
|--|--|---------------------------|---------------------------|
| LSE, SGX, Borsa Istanbul | X-Large | \$3,525 | \$250 |
| Bovespa, Cboe US, CME, NASDAQ US, NYSE SFTI US, LME | Large | \$1,875 | \$250 |
| Cboe EU, Euronext/ICE EU, ICE US, MIAX, NASDAQ Stockholm, NEO, OTC, SWX, TMX | Medium | \$1,250 | \$250 |
| Aquis, BOX, Currenex EU, Currenex US, CSE, FxALL, ICAP EU, IEX, NASDAQ CXC, One Chicago, Omega | Small | \$625 | \$250 |
| For each exchange noted above | (Order execution, reporting and/or test only. Excludes production data). | \$425 | \$250 |

To order these services, or for further information, please contact your Lumen sales representative.

877-453-8353 | lumen.com