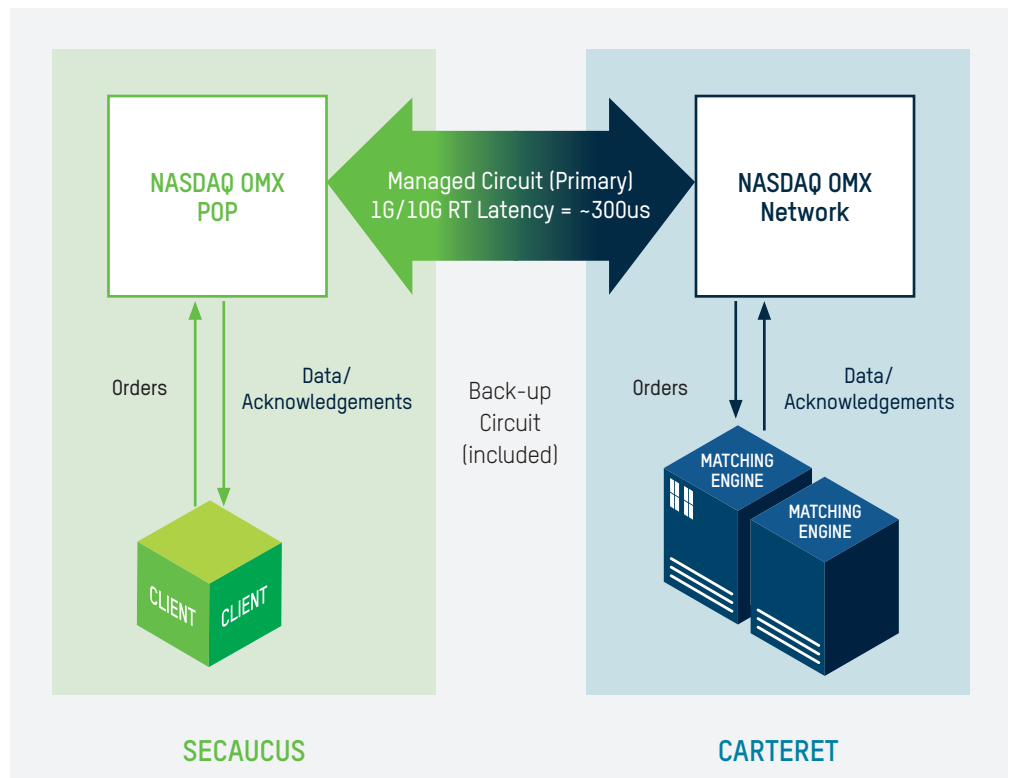


NASDAQ OMX POINT OF PRESENCE

NASDAQ OMX Point of Presence (POP) links customers in outside data centers to the NASDAQ OMX Data Center in Carteret. Utilizing 1G and 10G connections, a POP handoff allows customers to quickly and securely connect to our many NASDAQ OMX markets and receive proprietary and third party market data.

KEY BENEFITS

- ▶ **LOW LATENCY:** clients can send orders and receive acknowledgements and/or market data in very competitive timeframes (expected latency of ~300 microseconds round trip).
- ▶ **FLEXIBLE:** clients can customize their market and data connections to only pay for connectivity and information they need.
- ▶ **SECURE:** NASDAQ OMX actively manages connectivity to protect POP customers from external threats.
- ▶ **REDUNDANT:** NASDAQ OMX provides redundant connections and manages any required failovers.
- ▶ **COST EFFECTIVE:** clients are able to connect utilizing the select NASDAQ OMX connectivity and data options they desire rather than contracting with multiple vendors.



AVAILABLE POP SERVICES

- ▶ **NASDAQ OMX PRIMARY AND THIRD PARTY DATA SERVICES**
 Provides access to all NASDAQ OMX markets for both sending orders and receiving market data, as well as the ability to receive select third party feeds via 1Gbps Ultra or 10Gbps handoffs.
- ▶ **ESPEED ONLY**
 Provides limited access to eSpeed only for order entry and market data via 1Gbps Ultra access.
- ▶ **NASDAQ OMX DR ONLY**
 Provides access to the NASDAQ OMX Disaster Recovery (DR) data center in Chicago via 1Gbps Ultra or 10Gbps handoffs. Customers may select to connect to only eSpeed DR services only via 1Gbps an additional option.

MORE INFORMATION

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