

PREMIUM CO-LO ACCESS SERVICE

Ultra-Low Latency Access to NASDAQ OMX Nordic liquidity

In the race for the lowest possible latency, NASDAQ OMX Nordic introduces a Premium Access Service for co-location customer. The new service further reduces round trip latency to NASDAQ OMX® matching engines and is tailored for customers engaged in ultra-low latency High Frequency Trading.

ABOUT THE OFFERING

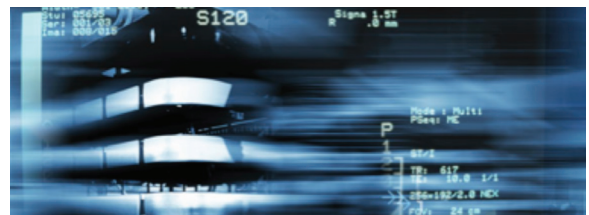
NASDAQ OMX Nordic offers all co-location customers the opportunity to access NASDAQ OMX Nordic liquidity at an even lower latency than today.

NASDAQ OMX Nordic introduces an access network in the co-location service area designed to further reduce the current latency level.

The Premium Co-lo Access Service is based on a new 1 Gbps network designed to further reduce latency to both INET and Genium INET platforms:

- > Supports both RJ45 or fiber handoffs
- > Requires E-BGP
- > Upgradeable to 10 Gbps in the future

The Premium Co-lo Access Service is optional and subject to a monthly fee.



- > INET FIX and GCF still available via existing base co-location access network.

The new Premium Co-lo Access Service is built on low latency technology that enables faster access to market data.

PREMIUM ACCESS TO GENIUM INET

Trading on Genium INET via the Premium Access Service will also benefit from reduced roundtrip latency by an estimated 16 μ s.

PREMIUM ACCESS TO INET

Further reduce your OUCH latency!

Highlights:

- > OUCH order entry roundtrip latency reduced by approximately 45 μ s.
- > Market data via ITCH IP Multicast
- > New set of OUCH gateways serving only Premium Co-lo customers connections
- > TCP ITCH still available via existing base co-location access network.

PTP SYNCHRONIZATION SERVICE

Customers subscribing to the Premium Co-lo Access Service will benefit from a complimentary **Precision Time Protocol (PTP)** synchronization service.

PTP is a high-precision time protocol providing customers with the ability to synchronize time in their application in the single digit microsecond range.

More Information

Commercial contacts: Your Key Account Manager.

Technical contacts: <http://nordic.nasdaqomxtrader.com/trading/equities/CoLocationServices/>