NASDAQU-CME MICROWAVE

In conjunction with the CME Group, NASDAQ OMX® is proud to offer a true point-to-point connection linking the NASDAQ OMX Data Center in Carteret, NJ, to the CME Group Data Center in Aurora, IL. This connection utilizes innovative wireless network technology to deliver critical market data faster than any other fiber-based network.

KEY BENEFITS

ULTRA-LOW LATENCY
Market data delivered via microwave network from Carteret to Aurora in as low as 4.17 milliseconds (one-way) versus 6.65 milliseconds on the fastest fiber route.

FLEXIBILITY
Receive one or all of low latency market data feeds in Carteret and/or Aurora.

RELIABILITY
The microwave network is designed to provide reliable access (99.7%) while still providing ultra-low latency data, even during weather events.

EFFICIENT AND VALUABLE DATA
The most valuable market data from each location delivered to you, using custom low latency data message transport. This enables more effective, efficient decision-making in local markets.

COST SAVINGS
NASDAQ OMX provides this state of the art technology to the marketplace at a cost that is significantly lower than building or procuring microwave bandwidth independently.

FAIR AND EQUAL ACCESS
Feeds are delivered to participants in Carteret and/or Aurora using Exchange connections – which are equidistant for all participants.

REDUNDANCY
These same feeds are available via fiber-based networks for filling any data gaps or in the event of a microwave network outage.

AVAILABLE MARKET DATA FEEDS

NASDAQ OMX MARKET DATA

<table>
<thead>
<tr>
<th>NASDAQ ETF SELECT POWERED BY STRIKE TECHNOLOGIES LLC</th>
<th>NASDAQ OMX ESPEED DIRECT POWERED BY STRIKE TECHNOLOGIES LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>This delivers NASDAQ OMX TotalView’s depth of book feed, filtered for the most popular equities ETFs using a low latency, ITCH-like, binary format in Aurora, IL.</td>
<td>This delivers the best bid and offer price and size, as well as trade price, size, state, and total volume for U.S. Treasury Benchmarks real-time using a low latency binary format in Aurora, IL.</td>
</tr>
</tbody>
</table>

CME GROUP MARKET DATA

<table>
<thead>
<tr>
<th>CME DATA POWERED BY STRIKE TECHNOLOGIES LLC</th>
<th>CME DATA POWERED BY EPSILON NETWORKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>This delivers inside and depth of book data for select equity, currency and fixed income futures using a low latency binary format in Carteret, NJ.</td>
<td>This delivers inside and depth of book data for all outright futures traded on the CME, CBOT, NYMEX and COMEX using a low latency binary format in Carteret, NJ.</td>
</tr>
</tbody>
</table>

Contact colobusinessdevelopment@cmegroup.com for more information.

Contact Douglas.Aragones@nasdaqomx.com for more information.

MORE INFORMATION

WWW.NASDAQOMXTRADER.COM/COLO

DOUG ARAGONES | NASDAQ OMX CO-LOCATION SALES | +1 212 231 5189

© COPYRIGHT 2013. ALL RIGHTS RESERVED. NASDAQ OMX, NASDAQ ETF SELECT, TOTALVIEW Q13-2318.01-14