

eSpeed Market Data Via ITCH

The fastest way to get UST data from Nasdaq

eSpeed ITCH allows firms to receive a wide range of premier eSpeed U.S. Treasury Market Data, in the most efficient manner possible. The ITCH protocol is more latency-sensitive than other eSpeed data products and also includes additional fields and full depth for a more comprehensive look at fixed income.

BENEFITS AND FEATURES /

- FULL DEPTH OF BOOK Seeing every order gives you greater transparency and a more accurate look into the market.
- **LOWER LATENCY** than the current Multicast or API datafeeds for eSpeed.
- **TRANSPARENCY OF ORDER FLOW** The high level of detail in eSpeed ITCH messages help traders significantly improve their ability to perform microstructure analysis, better understand how orders are distributed throughout the market and identify new trading opportunities.
- RETRANSMISSION AND RECOVERY MECHANISM Unlike the current eSpeed Multicast feed, eSpeed ITCH provides the ability to handle packet losses and reserve the current state of the market through rewind process.
- TECHNOLOGY CONSOLIDATION eSpeed ITCH allows customers to reduce development and maintenance efforts for market data components if the firm has already adapted ITCH protocols for other Nasdaq OMX markets. eSpeed ITCH is the premier low-latency offering from Nasdaq.

PRICING /

For a limited time, you can trial eSpeed ITCH at no cost. Please contact your sales rep or espeeddatasales@Nasdaq.com for more information.

MORE INFORMATION /

For technical specs, refer to the Secure Page or contact eSpeed Data Product Management Phone: +1 301 978 5307, Option 4.

For sales questions, please contact your eSpeed Sales Representatives:

Peter Hald Phone: +44 0 207 065 8147

Hannah Clements Phone: +1 212 231 56419

Carl Johan Sjowall Phone: + 1 212 231 5611

NASDAQTRADER.COM/ESPEEDDATA

CONNECTIVITY AND ACCESS OPTIONS /

Nasdaq offers eSpeed ITCH in U.S. Data Centers, network points of presence (POPs), and through various redistribution partners. Firms can access eSpeed ITCH directly through colocation or indirectly through a third-party, such as 7Ticks, GuavaTech, Quincy Data etc.

Approved co-located clients can enable eSpeed ITCH through the existing handoffs of eSpeed connectivity. There is no additional cost for additional connectivity points.

Clients may request access to this new feed by completing the online or hard copy data feed request form. Clients will receive an automated email upon request approval. Please contact your eSpeed Data Account Representative for more information about connectivity options

These materials are confidential. They may not be forwarded or further disseminated without the express written consent of eSpeed. These materials should not be construed as investment advice, and customers are responsible for all risks associated with their activity. Securities-related services for eSpeed are offered through Execution Access, LLC, Member <u>FINRA</u> and <u>SIPC</u>.

© Copyright 2015. All rights reserved. Nasdaq is a registered service/trademark of the Nasdaq OMX Group, Inc. 1719-Q15