

## IT – INET Nordic – Nordic Equity Last Sale (NLS) Trade Ticker Feed - Update on Connectivity & Access (51/16)

Nasdaq Nordic and Nasdaq Baltic announced a new trade ticker protocol, Nordic Equity Last Sale (NLS), on October 12, 2016. See [IT-Notice 49/16](#).

This IT-Notice includes information on how to order NLS TCP ports and the NLS Multicast Services in INET Test (NTF), IP and Port Connectivity details, Technical price information.

### Enhancement information

Latest updates regarding INET Nordic enhancements are available at the [Nasdaq Nordic Technical Information](#) web site under [INET Nordic Enhancements](#) and under [IT-Notices](#).

### Protocol specifications

Nasdaq will offer the NLS data feed in two protocol options, SoupBinTCP and MoldUDP64.

The INET NLS protocol specification has been updated with an additional time stamp field. The latest INET NLS protocol specification is available at the Nasdaq Nordic Technical Information website, under [INET Nordic Protocol Specifications](#). Please visit the Protocol Specification web page regularly for latest updates.

### Connectivity information

INET Connectivity documents have been updated with NLS details and are available at Nasdaq Nordic Technical Information website under [INET Nordic Connectivity & Access](#):

- Connectivity Guideline INET Test (NTF)
- Connectivity Guideline INET Production
- INET NLS UDP Multicast presentation (new)

### How to order NLS

To request for NLS ports and the NLS multicast service, please contact Nasdaq Cash Equity Operation or Global Data Products, see below. Customers with access to [Nasdaq Member Portal](#) can request NLS tcp ports via the portal from November 23, 2016. NLS will be available from November 14, 2016, in INET Test (NTF).

- NLS tcp ports is to be ordered via [Nasdaq Member Portal](#) (from Nov 23) or via [INET Nordic Port Request Form](#) for customers not yet having a Member Portal account. The request form is to be sent to [operator@nasdaq.com](mailto:operator@nasdaq.com)
- NLS multicast service is to be ordered via [dataproductions@nasdaq.com](mailto:dataproductions@nasdaq.com)

Ordering of production access to NLS will be announced in due time. Production access is available from February 13, 2017.

## Technical Price fees

NLS ports and multicast service fees will be aligned with other INET Nordic technical fees and added to the next version of [Nasdaq Nordic Technical Services Pricelist](#).

Until March 1, 2017, the NLS service is complementary.

## Implementation Time schedule:

- INET Test (NTF) – November 14, 2016
- INET Production – February 13, 2017
- INET MiFID II Test – TBD, preliminary late Q1, 2017

## Migration plan

Current ITCH for Reported Trades ports and the new NLS will be available in parallel until MiFID II comes into effect. The ITCH for Reported Trades protocol and [After Auctions Report](#) will be decommissioned at the latest when MiFID II functionality will be available in INET Production.

## Questions and feedback

For further information and feedback concerning this information, please contact Ronny Thellman, +46 8 405 6313, [ronny.thellman@nasdaq.com](mailto:ronny.thellman@nasdaq.com).

## Support

For technical questions, please contact Nasdaq Cash Equity Operations:

Tel: +46 8 405 6410,

E-mail: [operator@nasdaq.com](mailto:operator@nasdaq.com)

Best regards,

Nasdaq Nordic and Nasdaq Baltic

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