2 INTRODUCTION

2.1 Purpose
The purpose of this Release Notes is to describe the changes to the Nordic Workstation (NW).

Before starting using the Nordic Workstation please read section 5 for the Technical requirements.

2.2 Scope
This release of the Nordic Workstation introduces latest enhancements in the GUI for the Execution Algorithms PNPR strategy offered by Nasdaq OMX Exchange & Clearing Service AB.
3 CONTENTS OF THIS RELEASE

3.1 Overview Contents

This release of the Nordic Workstation introduces enhancements to the Execution Algorithms service and the GUI.

3.2 Documentation

For more information about the product and the full range of functionalities it provides please refer to the http://www.nasdaqomx.com/transactions/technicalinformation/inet/nordic-workstation or contact us at operator@nasdaqomx.com.

Other documents that are published in the web site are:

Nordic Workstation extranet connectivity guidelines:

The latest Nordic Workstation User Guide and also available in the application:
http://www.nasdaqomx.com/transactions/technicalinformation/inet/nordic-workstation

3.3 New items for this release

- For the PNPR strategy a ratio value can be set instead of the spread limit.
- If the ratio is changed the amount value will be cleared out.
- Current spread will always be shown.
- A reject will be seen if the same instrument is populated for the PNPR strategy.
- The clock has been put in a better more visible position.

3.4 Temporarily Limitations

- Order Management Window supports limited history on orders that are no longer open. The window will always include all your open orders for the day and track any change in state (executed/canceled) from the point the terminal is opened. To search through all your canceled and executed orders for the day please use the Find Order Window.
- In the find trade window, in some rare circumstances, private data on one side of a trade is not displayed. Volume and price information is correct.
- OTC trade reports in dual listed order books could be missing from the Trade Ticker.

3.5 Future Releases

The next release for the Nordic Workstation will be communicated on:
http://www.nasdaqomx.com/transactions/trading/equities/nordic-workstation
4 FUNCTIONALITY DESCRIPTION OF THIS RELEASE

Highlights of the functionality of this release are included below; including limitations affecting this specific release.

4.1 Enhancements for the PNPR Strategy.

In the PNPR strategy we have rearranged the fields for a better accessibility and added the following enhancements:

- It is now possible to enter a ratio value that you would like to execute at.
- The amount is cleared out if the ratio is changed.
- You can enter the ratio as BuyPx/SellPx or inverted.
- The current spread value is visible at all times.
- It is not possible to enter the same instrument for both the Buy and Sell side. If done Nordic Workstation will reply with a reject.

If a ratio value is set the Spread limit value will be defaulted to zero. For explanation of this please look at page 38 in the ALGO user guide.

4.2 Clock Position

The clock has been moved to a more visible position so that it is not blocked by the workspaces or the pop up window from the notifications.

Figure 1. The PNPR ticket with the enhancements.

Figure 2. The clock in its new position to the right of the green status triangle.
5 TECHNICAL INFORMATION

5.1 Connect to INET Nordic production
To connect via internet, go to the web site http://www.nasdaqomx.com/transactions/trading/equities/nordic-workstation and click on the Login button. You can also access the application directly from the URL:

https://prod.nordicworkstation.com/weborb/applications/nw/Nordicworkstation.html

To connect via extranet please follow the guidelines published on the site: www.nordicworkstation.com or in the member extranet.

To request production accounts please contact: ms.inet@nasdaqomx.com

5.2 Connect to the OTF
OMX Test Facility (OTF) is the external test environment to be used as the future external test environment for INET Nordic.

To connect via internet, go to our web site http://www.nasdaqomx.com/transactions/trading/equities/nordic-workstation and click on the Login to OTF link. You can also access the OTF via the Nordic Workstation directly from the URL:

https://test.nordicworkstation.com/weborb/applications/nw/Nordicworkstation.html

Please note that NW production accounts cannot be used to login to OTF.
If your firm does not have a test accounts, please contact ms.inet@nasdaqomx.com
If you experience problems to login to OTF with your existing test accounts please contact:
Tel: +46-8-405 6410
Email: operator@nasdaqomx.com

5.3 Connect to the BETA link
BETA link is external test environment with real production data. You can access the BETA link through following URL:

https://beta.nordicworkstation.com/weborb/applications/nw/nordicworkstationdebug.html

Please not that you access the BETA link with NW production accounts but members are not able to insert orders or report trades through this link.

5.4 Technical Support and Product feedback
Technical Support will be first point of contact for all INET Nordic issues.
Support hours: 08:00 to 18:00
Tel: +46-8-405 6410
Email: operator@nasdaqomx.com
You can also use the Feedback button available on the Nordic Workstation to notify issues and submit feedback and questions about the product.

5.5 Technical Requirements

**Operating Systems:**
Microsoft Windows XP or later is supported. Windows 7 is recommended.

**Software:**
Latest version of Adobe Flash Player 101 must be installed on the user's machine.
We will certify the Nordic Workstation on the following browsers:
- IE 8 or higher
- Opera 9.5, on request
We currently discourage to use Firefox due to an issue with Adobe Flash Player causing excessive CPU and Memory utilization.

**System minimum requirements**
Overall memory requirement: 1-2 GB RAM
- **Windows:**
  Intel Core Duo 1.8 GHz, AMD Athlon™ 64 X2 4200+ processor or equivalent (minimum)
  Intel Core Duo 2.33 GHz, Intel Core2 T7600 or equivalent (recommended)
- **Macintosh:**
  Intel Core Duo 2.66GHz processor (or equivalent)
  
- **Linux:**
  Intel Core Duo 1.8GHz, AMD Athlon™ 64 X2 4200+ processor (or equivalent)
  Intel Core Duo 2.33 GHz, Intel Core2 T7600 or equivalent (recommended)

5.6 Security Information

Please make sure that you have downloaded your certificate according to instruction in an email from member services.