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INET Nordic migration

Differences in prognosticated peak loads between SAXESS and the INET Nordic solution

The Itch market data feed from the INET Nordic trading system for equities and related instruments will not be throttled or managed in any other way. In the current SAXESS solution the market data flow from XTP has been managed, guaranteeing a maximum load 45000Bz per second.

To control the message load sourced from INET Itch via GCF, NASDAQ OMX will introduce a conflation model to limit the number of Orderbook (OBk) messages sent out for an instrument during heavy load. The model only targets the Orderbook messages for the order book with high load and during the peak only. There is no conflation of any other messages, or the Orderbook message for instruments with normal load. Please see:

GENIUM Consolidated Feed Conflation model document for further details.

The architectural limitations due to the conflation model regarding pre-trade transparency described in **Global Data Products Newsletter #34 2009** has been resolved. With the conflation model activated GENIUM Consolidated Feed will continue to disseminate the full 20 price levels where applicable.

Global Data Products Information

No TIP exchangeID for indexes in GENIUM Consolidated Feed after INET launch on february 8th, 2010

Related to the introduction of new index meta data in GENIUM Consolidated Feed in 2009 new indexes does not have any TIP exchange ID (TIP: Ex). When INET is launched on February 8th, 2010 remaining exchange ID on indexes will be removed. For the indexes where the exchange information is relevant it is populated in the field MIC code (MIC).

NASDAQ OMX Nordic Markets update

NASDAQ OMX changes index algorithm for the OMX Helsinki 25 Index effective February 1st, 2010.

On February 1st, 2010 NASDAQ OMX will change the index algorithm and use correction factor instead of adjustment amount when calculating the OMX Helsinki 25 Index. The same algorithm is currently used for calculating the OMX Helsinki and OMX Helsinki Benchmark indexes. The reason for the change is to publish the new divisor in the morning report, before the market opens during a corporate action adjustment, a change requested by market participants. The result of the calculation will be unchanged, no new fields, columns or rows will be added or deleted to the reports. The information in the correction factor field will replace the adjustment amount information.

The reports for all the Finnish indexes will after the change look the same. The new formula can be found in the new methodology for OMX Helsinki 25 published in the corporate action calendar, effective date February 1st, 2010, in Global Index Watch.

Please see document attached for an example of the difference between the old and new algorithm for a rights issue adjustment.

Code	Name	Source ID	GCF ID	ISIN	Source
OMXH25	OMX Helsinki 25	594	2165	FI0008900212	ICS (ID:5)
OMXH25EXP	OMX Helsinki 25 Expiration	595	2166	FI0008900451	ICS (ID:5)

Release Schedule

2010

FEBRUARY	
date	product/system
February 8th	INET Nordic – SAXESS replacement - Nordic & Baltic markets
INET migration from SAXESS. In the new timetable, implementation will take place on February 8 in all our seven marketplaces in the region: Copenhagen, Stockholm, Helsinki, Tallinn, Riga, Vilnius and Iceland.	

Test Environments

GENIUM Consolidated Feed

GCF Environment			Source Systems			
	Ver.	TIP	Equities and related	Fixed Income	Derivatives	Index
GCF2	2.1.0	2.1.0	• SAXTST1	• SAXTST1	• CLICK Test • Nord Pool test	• ICS - production-like data • ICS_INDEX - test data • ICS_INDEX2 - test data
GCF3	2.1.0	2.1.0	• SAXESS Production	• SAXESS Production	• CLICK Production • Nord Pool prod	• ICS - production-like data • ICS_INDEX - prod.-like data • ICS_INDEX2 - prod.-like data • ICS_FI - production-like data
GCF4	2.1.0	2.1.0	• INET Test	• SAXTST4	• CLICK Test • Nord Pool prod	• ICS - INET PreProd test systems
GCF5	2.1.0	2.1.0	• INET PreProd	• SAXTST4	• CLICK Test • Nord Pool test	• ICS - INET PreProd test systems

- GCF5 – GCF 2.1 with INET Nordics pre production sources reflecting February 8th, 2010 environment
- Please notice that there are scheduled service windows in GCF2 and GCF3 test systems every Thursday between 09:00 and 12:00 CET. During the service windows the GCF test systems may be inaccessible.

GENIUM Consolidated Feed Connectivity

	SITE A - IP & Port		SITE B - IP & Port	
	IP Address	DDS Port	IP Address	DDS Port
GCF Production	192.176.3.132	29900	192.176.3.164	29900
GCF2	192.176.3.133	29100	192.176.3.165	29100
GCF3	192.176.3.133	29200	N/A (single site)	
GCF4	192.176.3.133	29300	N/A (single site)	
GCF5	192.176.3.133	29400	192.176.3.165	29400

Contact Information

For more information from NASDAQ OMX Global Data Products, please visit:

<http://nordic.nasdaqomxtrader.com/marketdata/>

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