X-pand into the Future

eurex circular 240/13

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Recipients: All Trading Members of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Jürg Spillmann

Eurex Exchange's T7 Release 2.0: Important information for production start

Related Eurex Circulars: 068/13, 070/13, 127/13, 194/13
Contact: Technical Key Account Manager via VIP number, cts@eurexchange.com or Markets Services team, T +49-69-211-1 31 18, technology.roadmap@eurexchange.com

Content may be most important for:	**Attachment:**
➲ All departments	Readiness statement for Eurex Exchange's T7 Release 2.0 (Fax Reply form)

Summary:

Eurex Exchange will launch release 2.0 of Eurex Exchange's T7 on **25 November 2013**.

The connection test for Eurex Exchange's T7 Release 2.0 will take place on Saturday, **23 November 2013** between 16:00 and 18:00 CET. Participation is strongly recommended for all Participants and Multi-Member providers.

This circular outlines the most important topics to consider for the production launch.

Participants are requested to complete and return the production readiness fax reply form provided with this circular by **15 November 2013** and to register a Technical Contact for the connection test no later than Friday, **22 November 2013**.

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Eurex Exchange's T7 Release 2.0: Important information for production start

Overview

Eurex Exchange will launch release 2.0 of Eurex Exchange's T7 on Monday, 25 November 2013.
Release 2.0 will introduce the following important enhancements:

- Modified concept for automatic generation of standard clearing fields (trade enrichment rules)
- New pre-trade limits
- New optional interface Eurex Enhanced Order Book Interface (Eurex EOBI) starting 29 November 2013.
- Full OTC functionality

Additionally, some smaller functional and technical enhancements will be implemented, for example:

- New origin country code
- New regulatory algorithm identifier
- New rate identifier

Release 2.0 will also prepare Eurex Exchange's T7 for the introduction of major new features at a later point in time:

- The Eurex/TAIFEX (Taiwan Futures Exchange) Link
- Variance futures trading
- Migration of European Energy Exchange (EEX)

Details on the launch of the Eurex/TAIFEX Link and variance futures trading will be provided separately.

Please refer to the dedicated document "Eurex Exchange's T7 Release 2.0 Final Release Notes" for a full overview of both the new and changed functional scope. The document is available on the Eurex website www.eurexchange.com under the link:

Technology > Eurex Exchange's T7 > System Documentation > Release 2.0 >
Overview and Functionality

Backward compatibility

The Eurex ETI Release 2.0 interface is generally backward-compatible to Eurex ETI Release 1.0, but not backward-compatible to the optional Eurex ETI Release 1.1.

The backward-compatibility layer implemented for the ETI Release Eurex 1.0, however, has some restrictions and therefore an ETI application running Eurex ETI Release 1.0 in Eurex Exchange's T7 Release 2.0 may require modifications according to the details listed in chapter 3.1.1 of the Eurex Exchange's T7 Release 2.0 Final Release Notes. The document is available under the link:

Technology > Eurex Exchange's T7 > System Documentation > Release 2.0 >
Overview and Functionality

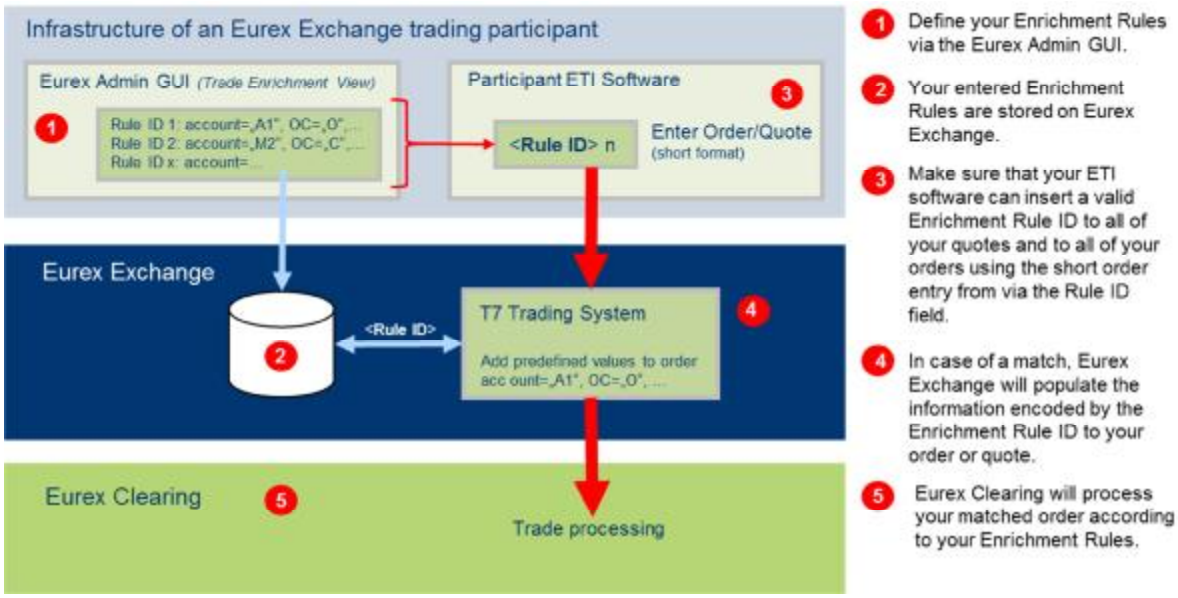
Testing of current ETI applications in the T7 2.0 simulation environment is strongly advised.

Trade enrichment rules

To optimize efficiency in Eurex Exchange's T7, clearing fields are not supported upon quote entry, or for orders entered using the short layout. Instead, trade information is enriched at the time of execution, based on rules configured by Participants.

Quote entry and orders entered using the short layout will be offered exclusively through the Eurex Enhanced Trading Interface (Eurex ETI).

The following diagram outlines the concept behind the trade enrichment rules:



Please note: The trade enrichment rules concept is not compatible with the current concept; the replacement rules logic will no longer be supported with Eurex Exchange's T7 Release 2.0.
If you are using replacement rules in Eurex Exchange's T7, it is mandatory to switch to the new trade enrichment rules concept, which also needs to be implemented in Eurex ETI. Existing ETI applications using the short order entry form need to be adapted accordingly.
New trade enrichment rules must be created in the current T7 Admin GUI using the "Trade Enrichment Rules" view prior to Friday, 22 November 2013 as a batch run is required to activate any new or changed rules.

For further details of the new concept, please refer to "Eurex Exchange's T7 Release 2.0 Final Release Notes", chapter 2.1 and the "Trade Enrichment Rules - Migration Guide". Both documents can be found under the link:

Technology > Eurex Exchange's T7 > System Documentation > Release 2.0 > Overview and Functionality

Pre-Trade Limit defaults set by Eurex Exchange

Eurex Exchange will introduce an additional feature to help Trading Participants prevent accidental massive submission of orders from algorithmic trading and/or order routing systems.

Eurex Exchange's T7 Release 2.0 will support functional limits on the number of open orders and quote sides stored in the order book for a business unit and session, thus enabling a pre-trade limit. The limits will be applied on product level and are set separately for all futures products and for all options products. Additional limits for business units and sessions are supported for specific products which are selected by the exchange and, consequently, will not be covered by the limits for all futures products or all options products. The selected products are: FGBL, FGBM, FGBS, FGBX, FOAT, FOAM, FBTP, FBTS, FDAX, FESX, FSMI, F2MX, FSTA, FSTB, FSTS, ODAX, OESX, OSMI, and OKS2. Selected products will the published in the "Functional Product and Instrument" files on the Eurex website once they become effective.

For all products, the trading business unit limit will initially be set by Eurex Exchange to 10,000 for each trading business unit and the session limit will be initially set to 5,000 for each session. A Trading Participant may choose to reduce these limits for all futures or options or for one or several selected products by setting the new pre-trade limits. The ability to modify limits for all futures and options will be activated on the launch day of Eurex Exchange's T7 Release 2.0, while the ability to modify the limits for selected products will be

introduced shortly after production launch on Thursday, 28 November 2013, rendering the limits active on Friday, 29 November 2013.

Please note that modifications of any limits performed by a Trading Participant will become effective after the nightly batch run on the next business day.

New reports RD155 (Pre-trade Limits Status - Clearing Participant) and RD145 (Pre-trade Limits Status - Trading Participant) will provide the current status of pre-trade limits after end-of-day processing. A new report RD140 (Pre-trade Limits Maintenance - Trading Participant) will provide the daily maintenance history of the pre-trade limit parameters for the Trading Participant.

For further details of the new concept please refer to “Eurex Exchange's T7 Release 2.0 Final Release Notes”, chapter 2.2. The document can be downloaded under the link:

Technology > Eurex Exchange’s T7 > System Documentation > Release 2.0 > Overview and Functionality

Harmonization of Eurex Exchange's T7 GUI links

To coincide with Eurex Exchange's T7 Release 2.0, Eurex will harmonize the links to the T7 Trader GUI and T7 Admin GUI on the landing pages for leased line and internet access on 25 November 2013 for production.

The change of the links will be seamless and will require no additional effort for participants starting the T7 GUIs by clicking on the landing page links. GUI Users who have created individual desktop links for starting the T7 Trader GUI or T7 Admin GUI will need to update these links to reflect the name changes. The domains will remain unchanged (*webgui.eurexchange.com* / *webgui.vpn.eurexchange.com*). Furthermore, the URLs for the landing pages themselves will not change and only the path and the file name of the JNLP files are affected.

Please refer to chapter 3.8 of the document “Eurex Exchange’s T7 Release 2.0 Final Release Notes” for a list of the new T7 GUI links. The document is available under the link:

Technology > Eurex Exchange’s T7 > System Documentation > Release 2.0 > Overview and Functionality

Eurex EOBI launch date in production

As previously announced, the Eurex Enhanced Order Book Interface (Eurex EOBI) will be activated in Eurex Exchange’s T7 production environment shortly after the release introduction.

The specific products which will be enabled for Eurex EOBI will also be published in the “Functional Product and Instrument Files” available in two locations:

Technology > Eurex Exchange’s T7 > Documents

and

Products > Product Overview

Eurex EOBI will be active in T7 production from Friday, 29 November 2013 onwards.

European Energy Exchange (EEX) - migration

The European Energy Exchange (EEX) market will migrate to T7 on 2 December 2013. Partition 20 of the T7 production environment will contain the tradable products of EEX and will therefore become active once the first product is migrated.

Report distribution

Due to technical preparations for the introduction of Eurex Exchange's T7 Release 2.0, the provision of T7 and Eurex clearing reports for business day 15 November 2013 and business day 22 November 2013 will be delayed to the following day, i.e. 16 November 2013 and 23 November 2013, respectively.

Preparations for Friday, 22 November 2013

On Friday, 22 November 2013, Eurex Exchange's T7 Release 1.2 will be in production for the last time. After completion of the batch run on Saturday, 23 November 2013, Eurex will convert the T7 production system to release 2.0. All reports for business day 22 November 2013 are to be expected on Saturday, 23 November 2013, in the afternoon. The same applies for all reference data for business day 25 November 2013, which is also expected to be sent out on the Saturday afternoon.

For details on format changes in reports, please refer to chapter 3.5.1 of the Eurex Exchange's T7 Release 2.0 Final Release Notes. The document is available under the link:

Technology > Eurex Exchange's T7 > System Documentation > Release 2.0 > Overview and Functionality

Existing GTC ("good-till-cancel") and GTD ("good-till-day") orders with validity of 25 November 2013 or later will remain in the system and are not affected by the release update.

Connection test for Eurex Exchange's T7 Release 2.0 on 23 November 2013

The Eurex Exchange's T7 Release 2.0 connection test will be conducted on Saturday, 23 November 2013, between 16:00 and 18:00 CET. Participation in the connection test is strongly recommended for all Participants and Multi-Member providers in order to ensure connectivity for the start of trading on Monday, 25 November 2013. Please make sure that an appropriate staff member will be available to perform the login to the T7 production system (e.g. Eurex T7 Trader GUI).

The T7 production system will be available during this time for connectivity testing on the RDI, ETI, MDI and EMDI interfaces and via T7 Admin GUI and T7 Trader GUI. The FIX gateways will be available for session logon only (no other requests will be possible).

Eurex Webtrading (display server solution for legacy Eurex GUIs) will not be available for testing.

The connection test can be regarded as successful when

- a message "Eurex Exchange T7 release 2.0 <seq no>" appears with an increasing sequence number in the Market News view (News Board) of the Eurex Trader GUI or the Eurex Admin GUI.
- a successful session and trader logon via ETI has been performed
- MDI/EMDI heartbeats have been received

Eurex will inform participants about the general progress of the connection test via the Implementation News website available under the link:

Technology > Eurex Exchange's T7 > Implementation News

Following the end of the connection test, Eurex Exchange's T7 2.0, with the exception of the FIX gateways, will remain available throughout the weekend but will be unattended.

Technical Contact for the Connection Test

Please enter contact details of the contact person who will be available during the connection test in the Member Section of the Eurex website (under “Release contacts”) no later than Tuesday, 19 November 2013 under the link:

Member Section > Contacts > Release Contacts > new entry (category technical contact, and please make sure to check the box “T7 2.0”)

This will ensure that Eurex will be able to reach you in any emergency between Saturday, 23 November 2013 and production start on Monday, 25 November 2013.

Provision of the Readiness Statement

Please find attached the form ”Readiness statement for Eurex Exchange's T7 release 2.0”. Please make sure to complete this form and fax it to: +49-69-211-1 17 01 or mail it as a pdf file to technology.roadmap@eurexchange.com by Friday, 15 November 2013, at the latest to confirm your production readiness for Eurex Exchange’s T7 release 2.0.

Contacts

The following hotlines will be available for any questions during the connection test or start of production:

- Customer Technical Support, Technical Key Account Manager via VIP number
- Member Services & Admission, tel. +49-69-211-1 17 00

If you have any questions or require further information on Eurex Exchange’s T7 Release 2.0, please contact the Markets Services team on tel. +49-69-211-1 31 18 or via e-mail to: technology.roadmap@eurexchange.com. Alternatively, please contact your Technical Key Account Manager using your VIP number or via e-mail to: cts@eurexchange.com.

20 November 2013

X-pand into the **Future**

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Readiness Statement for Eurex Exchange´s T7 Release 2.0

To: Member Readiness Team **F +49-69-211-1 17 01**

Participant ID __ __ __ __ __

Company name _____

Name _____

Telephone _____

E-mail _____

As a Trading Participant of Eurex Exchange I herewith declare readiness for the introduction of Eurex Exchange´s T7 Release 2.0.

Internal processes are ready (Front to back office)	☐ (yes)	
Eurex ETI changes adopted	☐ (yes)	☐ (not applicable)
Trade enrichment rules have been set	☐ (yes)	☐ (not applicable)
Eurex EOBI ready for production	☐ (yes)	☐ (not applicable)
3rd party software is ready	☐ (yes)	☐ (not applicable)

3rd party software in use (multiple entries are possible):

_____

_____

_____

Date: _____ Signature: _____

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