



Eurex Circular 089/18

T7 Release 7.0: Important information for production start

Summary

Deutsche Börse Group will launch Release 7.0 of the T7 trading system on **3 December 2018**.

The connection test for T7 Release 7.0 will take place on Saturday, **1 December 2018**, between 15:00 and 17:00 CET. Participation in the connection test is strongly recommended for all Participants and Multi-Member Providers.

This circular outlines the most important topics for the go-live preparation that should be considered for the production launch of T7 Release 7.0 as well as details about the connection test.

Participants are requested to complete and return the production Readiness Statement and to register a Technical Contact for the connection test both not later than Friday, **23 November 2018**.

Attachments:

- none

Date: 21 November 2018

Recipients:

All Trading Participants of Eurex Deutschland and Vendors

Authorized by: Michael Peters

Target groups:

- All departments

Related Eurex circulars:

036/18, 057/18

Contact:

Your Key Account Manager Trading or your Technical Key Account Manager, using your VIP number or via e-mail to: cts@deutsche-boerse.com

T7 release 7.0: Important information for production start

1. Overview

Deutsche Börse Group will launch Release 7.0 of the T7 trading system on 3 December 2018. The following new features and enhancements will be introduced:

- Eurex Improve¹
- Enhancements to Quote Functionality
- Enhancement of Market Maker Protection
- Pre-Trade Risk Limits Functionality
- Data Format Change of Quantity Fields to 8-byte Fields with 4 decimals
- Removal of Connection Gateways for Participants NOT using ETI 6.1 backward compatibility
- Trading Venue Transaction Identification Code (TVTIC)
- Passive Liquidity Protection²
- Equity Total Return Futures³
- Enhancements to Eurex EnLight, which will be introduced continuously and communicated separately
- Extension of Trading and Clearing Hours⁴

Note on Interfaces

ETI: The connection gateways will be decommissioned with T7 Release 7.0. However, they will be available for Participants using backwards compatibility for the T7 ETI interface version 6.1, i.e. participants will still be able to connect to T7 via the connection gateway with the interface layout version 6.1 even after production launch of T7 Release 7.0. Depending on the layouts put into use, Participant applications should use the appropriate value:

- in the mandatory field DefaultCstmAppVerID ("6.0" is no longer valid)
- for the TCP/IP port of the target gateway

FIX, market and reference data interfaces: The T7 FIX Interface, market and reference data interfaces will not provide backward compatibility to the previous releases.

Please refer to the dedicated document "T7 Release 7.0 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 via the link:

Technology > T7 Trading Architecture > System Documentation > Release 7.0 > Overview and Functionality

¹ It is planned to activate the functionality of Eurex Improve in the production environment in the first half of 2019. Details about the activation schedule will be communicated at a later point in time.

² The product scope, the activation approach and the deferral times of the passive liquidity protection are currently being discussed with Market Participants and will be communicated at a later point in time.

³ The trading of ETRFs is planned to be activated in the second quarter of 2019.

⁴ The 'Extension of Trading and Clearing Hours' is planned to be activated on 10 December 2018.



2. Decommissioning of two low frequency trading gateways in the T7 production environment

As previously announced in Eurex circular 057/18, Eurex is decommissioning two of the low frequency trading gateways in the T7 production environment. The following low frequency trading gateways are affected and will no longer be available after the migration.

Gateway #	Participant Connection	IP Address
L05	Side B	193.29.91.99
L06	Side A	193.29.91.67

Sessions which were assigned to the affected gateways as the primary application gateway were already successfully migrated in October 2018. The re-assignment of sessions with the affected gateways as the secondary application gateway will be performed on Saturday, 1 December 2018.

The re-assignment of the sessions will be performed as follows:

Gateway # (old)	IP Address (old)	Gateway # (new)	IP Address (new)
L05	193.29.91.99	L01 or L03	193.29.91.97 (L01)
			193.29.91.98 (L03)
L06	193.29.91.67	L02 or L04	193.29.91.65 (L02)
			193.29.91.66 (L04)

Following the re-assignment of the sessions, those Participants making use of the backwards compatibility mode with the interface layout version 6.1 will receive the IP addresses of the new gateways in the connection gateway response which is received following a successful connection gateway request. Participants are strongly recommended to ensure that their application currently processes the connection gateway response. Participants using the interface layout version 7.0 can in principle choose which application gateway to use however in an attempt to maintain a uniform distribution of sessions across gateways, recommended trading gateways will continue to be assigned to a session. The recommended trading gateways for a session can be seen via the member portal in the fields "Connection Gateway 1" and "Connection Gateway 2".

3. Preparations for Friday, 30 November and Saturday, 1 December 2018

On Friday, 30 November 2018, T7 Release 6.1 will be in production for the last time. Reports for the business day 30 November can be expected at the usual time. On Saturday, 1 December 2018, Deutsche Börse will convert the T7 and T7/FX production systems to Release 7.0 and initial reference data for business day 3 December 2018 will be available via RDI and RDF following the start of the system in preparation for the connection test.

4. Connection test for T7 Release 7.0 on Saturday, 1 December 2018

The T7 Release 7.0 connection test will be conducted on Saturday, 1 December 2018, between 15:00 and 17:00 CET. Participation in the connection test is strongly recommended for all Eurex Participants and Multi-Member Providers in order to ensure connectivity for the start of trading on Monday, 3 December 2018.

Please make sure that a staff member will be available to perform the login to the T7 production system (e.g. T7 Trader and/or Admin GUI and third party applications).

At this time, the Eurex T7 and T7/FX production system will be available for connectivity testing on the RDI, ETI, MDI, EMDI and EOBI interfaces and via T7 Admin GUI and T7 Trader GUI. The FIX gateways will be available for session login only (no other requests will be possible). No order and quote entries will be possible. Heartbeats via the market data interfaces will be disseminated.

The connection test can be regarded as successful when

- a message “Connection Test Eurex <hh:mm:ss>” appears with an increasing sequence number in the market news view (news board) of the T7 Trader GUI and the T7 Admin GUI.
- a successful session and trader login via ETI has been performed.
- MDI/EMDI/EOBI/RDI heartbeats have been received.

Deutsche Börse will inform Participants about the general progress of the connection test via implementation news on the Eurex website www.eurexchange.com available under the link:

Technology > T7 Trading architecture > Implementation News

Following the end of the connection test, the T7 Release 7.0 production system will be shut down on 1 December 2018 at 18:00 CET⁵ and will be unavailable until Monday morning, 3 December 2018.

5. Monday, 3 December 2018 – Production start

The first trading day with T7 Release 7.0 will start at 6.00 CET as usual.

Please note: As the system will be re-started on Monday morning, the initial reference data file for the business day 3 December 2018 will be re-generated. As the reference data provided on 1 December 2018 via RDI and RDF prior to the connection test may potentially contain some changes, Participants are required to use the initial reference data provided following the system start on 3 December 2018.

Orders entered until 30 November 2018 (end of trading) but not executed, will continue to be available on 3 December 2018, unless other validity restrictions were set.

A list of items that are relevant prior to the production start of T7 Release 7.0 will be provided as of 1 December 2018. This “known limitations” list will be available on the Eurex website www.eurexchange.com under the link:

Technology > T7 Trading architecture > System documentation > Release 7.0 > Production

6. Technical contact for the connection test

Please enter details of the contact person who will be available during the connection test in the Member Section of the Eurex website www.eurexchange.com (under “release contacts”) not later than Friday, 23 November 2018, under the link:

Member Section > Contacts > Release Contacts > New entry

Please choose the category “technical contact” and make sure to check the box “T7”.

This will ensure that Eurex Deutschland will be able to reach you in any emergency situation between Saturday, 1 December 2018 and production start on Monday, 3 December 2018.

⁵ The FIX gateway will be shut down at 17:30 CET.

7. Provision of the Readiness Statement

We kindly ask all Trading Participants to submit the Readiness Statement for T7 Release 7.0 by Friday, 23 November 2018 latest. Please note, that all trading participants are required to provide the Readiness Statement. For your convenience, an online submission process has been introduced.

The online Readiness Statement for T7 Release 7.0 is here available: [Readiness Statement](#).

Please enter your dedicated Eurex PIN in the online questionnaire. The PIN for your company has been sent to the Central Coordinator.

8. 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

If you have any questions or require further information on T7 Release 7.0, please contact your dedicated Key Account Manager Trading or send an e-mail to customer.readiness@eurexchange.com. Alternatively, please contact your Technical Key Account Manager using your VIP number or via e-mail to cts@eurexchange.com.

21 November 2018