EUREX

T7 Release 13.0

Final Release Notes Eurex

Version   1

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1. Overview of T7 Release 13.0

Deutsche Börse AG is planning to launch T7 Release 13.0 on 18 November 2024.

The following diagram gives an overview of the introduction schedule:

Deutsche Börse AG provides a dedicated release simulation environment to give trading participants the opportunity to perform comprehensive testing of their trading applications independent from the T7 production environment.

The simulation period for T7 Release 13.0 is planned to start on 09 September 2024.

In addition, and prior to the T7 release simulation, Deutsche Börse AG offers a T7 Release 13.0 Cloud Simulation to allow trading participants and Independent Software Vendors (ISVs) to test the T7 Release 13.0 ETI, FIX LF interface changes, the T7 Trader GUI and T7 Admin GUI changes, as well as the RDI, MDI, EMDI and EOBI interface changes. The GUIs are accessible via the established VPN. In the Cloud Simulation, participants can initiate predefined market scenarios and test specific strategies more easily than in a shared environment. The Cloud Simulation is available around the clock for a fixed price per hour and started on 09 August 2024.

> The T7 Cloud Simulation will be offered free of charge for the month of August 2024. With this waiver the Exchange incentivizes early development and testing before the start of the regular T7 simulation.

For more information on the T7 Cloud Simulation, please refer to https://www.eurex.com/ex-en/support/technology/t7-cloud-simulation.

1.1 New Features and Enhancements Overview

The following new features and enhancements will be introduced with or after T7 Release 13.0:

- Enhanced Drop Copy Service
- BTRF Calendar Roll and Optional Early Termination
- Enhancements of the Short Code and Algo ID Solution
- ISV and Software Registration Process via Member Section
- Further Changes and Enhancements

1.2 Notes on Interfaces

T7 Release 13.0 will **not** provide backwards compatibility for the T7 ETI/FIX LF interface version of T7 12.1, i.e., participants will have to use the new interface version and will **not** be able to connect to T7 with the interface layout version of T7 12.1 anymore, after the production launch of T7 Release 13.0.

Public market and reference data interfaces, including EOBI, EMDI, MDI, RDI/RDF, as well as reports and data files, will not provide backwards compatibility.

1.3 Further Reading

The existing documents have been or will be revised for T7 Release 13.0. The following table provides an overview of the publication schedule.

T7 Release 13.0	Derivatives Markets	Cash Markets	Combined	2024 17.06.	2024 07.08.	2024 26.08.	2024 06.09.	2024 04.11.	2024 15.11.
Preliminary Release Notes	x	x		v1					
Enhanced Trading Interfaces Manual, incl. XSD, XML Representation and Layouts			x		v1	v2		v3	
FIX LF Manual, incl. XSD, XML Representation and Layouts			x		v1	v2		v3	
Market-, Enhanced Order Book- and Reference Data Interfaces Manual incl. XML Fast Templates & FIXML Schema Files			x		v1	v2		v3	
Trader, Admin and Clearer GUI – User Manual	x	x			v1	v2		v3	
Final Release Notes	x	x				v1			
Extended Market Data Services Manual & Underlying Ticker Data Manual incl. XML Fast Templates			x			v1		v2	
XML Report Reference Manual, Modification Notes & XML Schema files			x			v1		v2	
Functional Reference			x			v1			
Functional and Interface Overview			x			v1			
Trader, Admin and Clearer GUI – Installation Manual			x			v1			
Participant and User Maintenance Manual	x	x				v1			
Cross System Traceability			x			v1			
Incident Handling Guide			x			v1			
Participant Simulation Guide			x			v1			
T7 Known Limitations for Simulation			x				v1		
Cash Market Instrument Reference Data Guide		x				v1			
Exchange Rules & Regulations		x						v1	v1
Market Models		x						v1	
T7 Known Limitations for Production			x						v1

v1: Version 1   **v2:** Version 2 (optional)   **v3:** Version 3 (optional)

Please note that the outlined schedule is subject to change.

The documents will be available on the Eurex Web site www.eurex.com under the menu path:

> Support > Initiatives & Releases > T7 Release 13.0

1.4 Contacts

If you have questions or require further information, please contact us via e-mail at
client.services@deutsche-boerse.com.

1.5 Definitions and Abbreviations

Term/Abbreviation	Description
BTRF	Basket TRF, Basket Total Return Futures
CRE	Common Report Engine
CLIP	Client Liquidity Improvement Process, i.e., Eurex Improve
CM	Clearing Member
DBAG	Deutsche Börse AG
EDC	Enhanced Drop Copy service via the Interface
EFP-Index	TES type, see the T7 Functional Reference on TES types
EMDI	T7 Enhanced price level aggregated Market Data Interface
EOBI	T7 Enhanced Order Book Market Data Interface
ETI	T7 Enhanced Trading Interface
ETRF	Equity Total Return Futures
FESQ	Euro STOXX Index Quanto Futures
FIX LF	Financial Information eXchange (protocol) LF interface
GUI	Graphical User Interface
ISV	Independent Software Vendor
MDI	T7 netted price level aggregated Market Data Interface
MiFID	The EU's Markets in Financial Instruments Directive
NCM	Non-clearing Member
OET	Optional Early Termination
OTC	Over-the-counter
PTRL	Pre-Trade Risk Limits
RDF	T7 Reference Data File
RDI	T7 Reference Data Interface
SC	Short Code
SMP	Self-Match Prevention
T7	The trading architecture developed by Deutsche Börse Group
TAIC	Trade at Index Close

Term/Abbreviation	Description
TES	T7 Entry Service
TRF	Total Return Futures

2. Enhanced Drop Copy Service

After the introduction of T7 Release 13.0, Eurex will launch the new Enhanced Drop Copy Service (EDC) via the EDC Interface (EDCI) to provide a comprehensive overview of all orders including lean orders.

The exact launch date in Simulation as well as in Production will be communicated separately.

For more information, see the T7 Enhanced Drop Copy Interface Manual (not yet available at the publication date of this Final Release Notes).

2.1 Functional Description

2.1.1 Current Situation

Currently, Eurex offers a listener broadcast for trading participants to receive a consolidated feed of all standard order activities of their business unit. The listener broadcast offers 'drop copies' for standard orders to sessions within the same business unit but does not include lean orders (which are exclusively bound to the entering session). The listener broadcast provides information of the complete order history of the standard orders of a session. Complete order history means in this context: all changes to an order happening on the current business day.

Additionally, Eurex offers a trade broadcast to provide trade notifications to the owning business unit and its respective clearer ("trade drop copy"). T7 sends out the trade notification message for each order and quote execution to the trading and clearing business units involved. The receiving clearing business unit may belong to a different participant. When a complex instrument order is executed, a trade and thus a trade notification message is generated for each involved leg instrument.

2.1.2 Future Situation

Eurex will offer the new Enhanced Drop Copy Interface (EDCI) providing a comprehensive overview of all orders including lean orders. The interface is intended for participants who want to improve their pre-trade risk monitoring, or who specifically want to obtain a complete overview of their order inventory including lean orders, e.g. for the purpose of reconciliation.

The EDC broadcast can be consumed by trading participants for the activities of their own business unit, as well as by clearing participants who are interested in receiving order information of their NCMs. Access of clearing participants to NCM order data will be subject to an authorization approval by the respective trading participant.

The EDC will implement *FIX Latest* with Simple Binary Encoding, own Session Layer, and TLS Encryption. Participants interested in consuming the EDC broadcast will have to order one or more new EDC sessions. For load balancing purposes from the participant's perspective, the session content must be configured in the T7 Clearer GUI or T7 Admin GUI. For legal reasons, clearing members (CM) need to request the approval from their NCM to receive the NCM's order flow. The approval procedure is triggered by the clearing members via the T7 Clearer GUI by initiating an approval request for each target NCM. On the other side, each NCM responds to the approval request using the T7 Admin GUI. Please note that there will be two new roles to maintain and view the EDC configuration which can be assigned to users by the participant's user admin.

Once the authorization and configuration are completed, the participant will receive the EDC broadcast from the next business day onwards. The order data will be broadcast near real time. The data includes only orders, not quotes, and is based on a basic set of FIX attributes known from the

existing order message layouts. When first connecting to the EDC gateway, the participant will receive a restatement of all open orders currently present in the central limit order book. Subsequently, all changes to an order occurring on the current business day will be broadcast. This includes new entries impacting the order book, such as modifications, cancellations, or executions. An execution of a complex instrument order results in one execution message for the entire order, and not in a message per leg instrument as is the case for the trade notifications.

2.2 Impacts on Interfaces

The following chapter outlines the changes to interfaces and GUIs to support the functionality. The changes are described in a general fashion to provide an indication of the upcoming amendments. For detailed changes, please refer to the interface manuals and to the *Online Help* in the GUIs.

2.2.1 T7 Clearing GUI

New views will be added to the T7 Clearing GUI:

- Enhanced Drop Copy Access Request view.
- Enhanced Drop Copy Session Configuration view.
- Sessions view.

2.2.2 T7 Admin GUI

New views will be added to the T7 Admin GUI:

- Enhanced Drop Copy Access Requests view.
- Enhanced Drop Copy Session Configuration view.

Modified views:

- Sessions view.

2.2.3 T7 XML Reports

New T7 XML reports will be introduced:

- RD240 Enhanced Drop Copy Maintenance.
- RD245 Enhanced Drop Copy Request.
- RD250 Enhanced Drop Copy Session Maintenance.
- RD255 Enhanced Drop Copy Session Status.

3. BTRF Calendar Roll and Optional Early Termination

With T7 Release 13.0, Eurex will enhance the basket amendment features for BTRFs to facilitate the roll of basket positions and to support an early termination process.

3.1 Functional Description

3.1.1 Current Situation

Currently, to do a basket roll (where the position is rolled from one expiry into the next), two basket transactions have to be entered.

It is common in OTC swap markets to trade Total Return Swaps with an Optional Early Termination (OET) right. The buyer has the right to terminate an open basket at any time subject to the OET right attached. In effect, this right is like that of 'Substitution' attached to BTRF handling at Eurex according to the Contract Specifications. OET is frequently used in conjunction with rolling positions.

3.1.2 Future Situation

With T7 Release 13.0, Eurex will enhance BTRF baskets with an OET flag. When creating a new basket, the initiating user has the option to set the flag, effectively assigning the OET right to the basket. The OET flag can only be set on basket creation. A subsequent modification is not possible. According to the contract specifications, the OET right entitles the buyer to close the basket at any given time.

The T7 system will be enhanced by a new basket operation 'Terminate' to be used for the closing of a basket, which can only be performed on baskets flagged as OET. Although compulsory by definition in the contract specifications, a 'Terminate' basket operation technically requires approval from the counterparty to ensure it is aware of the amendment.

Additionally, a new basket operation 'Calendar Roll' will be introduced. The operation combines two operations in one, namely unwinding an existing basket and simultaneously opening a new basket with a later expiry. Traders will be able to swap ETRF components or adjust the price for the new basket in the 'Calendar Roll'. The counterparty must then approve the basket operation 'Calendar Roll' for both baskets for it to become effective. The new basket in the later expiry will get a new Basket ID assigned to it by which it will be linked to the original basket by a new field Parent Basket ID, which will contain the Basket ID of the original basket for every following roll.

Both new basket operations 'Calendar Roll' and 'Terminate' will be available via GUI and ETI. ETI will be expanded by a new ETI request to enter a basket roll in one transaction. Also, existing messages will be expanded by the OET flag and the Parent Basket ID. Likewise, the Trade Capture report on the FIX interface will also be expanded by the OET flag and the Parent Basket ID. Existing baskets will have the OET flag set to "false".

3.2 Impacts on Interfaces

The following chapter outlines the changes to interfaces and GUIs to support the functionality. The changes are described in a general fashion to provide an indication of the upcoming amendments. For detailed changes, please refer to the interface manuals and to the *Online Help* in the GUIs.

3.2.1 ETI

The following messages will be introduced as new messages:

- Basket Roll Request
- Basket Roll Broadcast

The following existing messages will be modified:

- Approve Basket Broadcast
- Basket Execution Broadcast
- Enter Basket Trade Request
- TES Trade Broadcast

3.2.2 FIX LF

The following existing message will be modified:

- Trade Capture Report

3.2.3 T7 Trader GUI

The following existing views will be modified:

- TES View
- Basket Position View
- Basket Trade Entry

3.2.4 T7 XML Reports

The following existing reports will be modified:

- TE545 – Daily TES Maintenance
- TE546 – Daily Basket TES Maintenance
- TE810 – T7 Daily Trade Confirmation

4. Enhancements of the Short Code and Algo ID Solution

With T7 Release 13.0, several enhancements and modifications of XML reports will be introduced to provide trading participants with more frequent feedback to assist in the resolution of missing Short Codes (SC) and Algo IDs as well as upload errors, and to assist in a comprehensive registration and maintenance process of Short Codes and Algo IDs.

The following XML reports will be changed in name:

Report	Name OLD	Name NEW
TR 160	Identifier Mapping Error	Short Code ID - Error Report
TR 161	Identifier Mapping Status	Short Code ID - Valid Registrations Report
TR 162	Algo HFT Error	Algo ID - Error Report
TR 163	Algo HFT Status	Algo ID - Valid Registrations Report
TR 166	Identifier Mapping Final Error report	Short Code ID - Final Missing Report
TR 167	Non-Uniqueness Identifier	Short Code ID - Non-Uniqueness Report
TR 168	Non-Consistency Identifier	Short Code ID - Non-Consistency Report

Structural modifications will be implemented in the following existing XML reports:

- TR160, TR161, TR162, TR163.

Furthermore, there will be three new intraday versions of the reports that will be provided in addition to the existing end-of-day report versions.

Additionally, three new XML reports will be introduced. The new TR169 Short Code ID – Correction Report facilitates the provision of missing Short Code data in an ongoing manner. The new TR170 Short Code ID – Historical Correction Report and the new TR171 Short Code ID – Historical Long Code Correction Report facilitate the provision of historical missing and historical incorrect Short Code data for a one-off correction exercise. More information about ongoing and historical correction processing will follow in due course.

- TR169 Short Code ID – Correction Report
- TR170 Short Code ID – Historical Correction Report
- TR171 Short Code ID – Historical Long Code Correction Report

For more details, please consult the XML Report Reference Manual for T7 13.0.

5.   ISV and Software Registration Process via Member Section

Eurex is planning to introduce three new functionalities available in the Member Section:

1. Independent Software Vendor (ISV) Registration
2. Software Registration
3. Software Selection

These new functionalities will improve the intelligence and transparency on the usage of the third-party vendor, third-party vendor software, and self-developed software of trading participants on a technical connection level.

The introduction of this change is not bound to the introduction date of T7 Release 13.0. For details, see the subchapter on the timeline below.

5.1   ISV registration

The introduction of the ISV Registration functionality via the Member Section will digitize the registration process of ISVs. All new and existing ISVs will be required to submit their registration using the new app in the Member Section. Existing ISVs are required to go through this process and accept the Terms & Conditions for the respective admitted markets. This process is also a prerequisite to view the Software Registration functionality.

During the ISV registration process, ISVs will be required to provide personal contact details, company information (confirmed either via a Legal Entity Identifier (LEI) or a commercial register extract), information on types of services (front-, middle-, or back-office) offered, and details of supported markets (Eurex, Eurex Clearing, Eurex Repo, Xetra/Börse Frankfurt, and EEX/ECC).

ISV Registration functionality will be accessible to Central Coordinators, their deputies, and other Member Section users with special Member Section permissions.

5.2   Software Registration for ISVs and Trading Participants

Following the completion of ISV registration, ISVs as well as trading participants with self-developed software will be required to register their software using the Software Registration functionality in the Member Section.

ISVs are required to register software which they provide to Deutsche Börse clients (Eurex, Eurex Clearing, Eurex Repo, Xetra/Börse Frankfurt, and EEX/ECC) and which is intended to be used to connect to the trading interfaces (FIX LF and ETI). The same applies to trading participants that intend to use self-developed software to connect to the aforementioned interfaces. The Software Registration functionality will be accessible to Central Coordinators, their deputies, and other Member Section users with special Member Section permissions.

During the software registration, the following information must be provided: software name, software type (e.g., front-, middle-, or back-office), supported markets (Eurex, Eurex Clearing, Eurex Repo, Xetra/Börse Frankfurt, and EEX/ECC), type of management (cloud/hosted/on-premise), and supported products.

5.3   Software Selection

All trading participants, who intend to use third-party software developed by ISVs, must select the software that they use to connect to the trading interfaces (FIX LF and ETI). Any self-developed

software that has already been registered to connect to the aforementioned interfaces will be automatically assigned to the respective trading participant.

5.4 Mapping of selected and registered software to interfaces

Finally, the current ETI and FIX LF session ordering process via the Member Section will be enhanced with the addition of software usage details. The trading participants will be required to provide the software details (software name and vendor name) when ordering a session via the Member Section. Only the previously registered software via the Software Selection functionality will be available for selection here.

5.5 Timeline

In the first step, ISV Registration functionality will be available in the Member Section as of 30 September 2024. Secondly, registered ISVs will be enabled to register their software starting from 30 October 2024. ISVs are recommended to finalize their entity and software registration by 14 February 2025, at the latest.

Following this, trading participants will be required to register their self-developed software (if applicable), select their software usage via Software Selection functionality, and enhance their new and existing ETI and FIX LF sessions with the details of their software usage starting from 14 February 2025. Trading participants have to make sure to enhance the existing ETI and FIX LF sessions with the vendor and software information latest until 13 June 2025.

Please note that from 18 April 2025, the software usage related fields will be mandatory for the ordering new sessions in the Member Section. Therefore, we strongly recommend trading participants to finalize their software selection via the Software Selection functionality by this date.

More detailed information on the rollout plan and documentation is available on a dedicated Eurex Support page under the following directory:

> eurex.com > Support > Initiatives & Releases
> > Readiness for projects > ISV Registration & Software Management

> Direct link: https://www.eurex.com/ex-en/support/initiatives/project-readiness

6. Further Changes and Enhancements

With T7 Release 13.0, Eurex will introduce the following additional changes and enhancements.

6.1 Usage of TLS 1.3 for ETI LF and FIX LF

Due to improved security features, an upgrade to Transport Layer Security (TLS) version 1.3 is highly recommended for all participants' ETI LF and FIX LF gateway connections. Please note, that the current T7 Production software already supports TLS 1.3, see the Network Access Guide in the T7 Release 13.0 System documentation.

At a later point in time after T7 Release 13.0 introduction, TLS version 1.2 will no longer be supported, and version 1.3 will become mandatory.

6.2 SenderCompID in EMDI packetHeader will be extended

With T7 Release 13.0, the size of the SenderCompID in the EMDI packetHeader will be increased from one to two bytes to extend the supported number range. Furthermore, to ensure a fixed size of two bytes, the number range will start with 128, so that numbers represented by one byte are avoided. Thus, the new number range will be 128…16383.

Old packetHeader:

1 Byte	1 Byte	1 Byte	1 Byte	1 Byte	4 Bytes	1 Byte	8 Bytes	1 Byte	4 Bytes
PMAP	TID	PartitionID	SenderCompID [21 .. 127]	Length	PacketSeqNum	Length	SendingTime	Length	PerformanceIndicator
1	2	3	4	5	9	10	18	19	23

New packetHeader:

1 Byte	1 Byte	1 Byte	2 Bytes	1 Byte	4 Bytes	1 Byte	8 Bytes	1 Byte	4 Bytes
PMAP	TID	PartitionID	SenderCompID [128 … 16383]	Length	PacketSeqNum	Length	SendingTime	Length	PerformanceIndicator
1	2	3	4	6	10	11	19	20	24

6.3 Fee Identification Code Enhancement

The Eurex Fee Identification Code is a character string of length 15 composed of the following one-character fee qualifiers.

Position	Trading (T) and/or Clearing (C)	Fee Qualifier
1	T	Fee Sub Product Qualifier
2	T	Fee Maturity Qualifier
3	T	Buy-Side Trading Disclosure Qualifier

Position	Trading (T) and/or Clearing (C)	Fee Qualifier
4	T/C	Free Trade Originator Qualifier
5	T	Fee Trade Type Qualifier
6	T	Fee Trade Publication Qualifier
7	T	Fee Member-Specific Qualifier
8-10	T	X (for future usage)
11	C	Fee Post-Trade Qualifier
12	C	Fee Position Event Qualifier
13-15	C	X (for future usage)

Table 1: Fee Identification Code Qualifiers

defining the Eurex Fee Identification Code

As part of the Fee Identification Code, the Fee Sub Product Qualifier differentiates leg trades belonging to different instrument subtypes (FIX terminology: tag 762 – SecuritySubType) of the same instrument type (FIX terminology: tag 1227 – ProductComplex) in the same product. As an example, the Fee Sub Product Qualifier in STIRs futures specifies different fee levels for leg trades belonging to packs having different color or to bundles covering different time periods. For a complete overview of all valid values regarding the Fee Sub Product Qualifiers, please refer to Table 2 below.

To support trading in delta-neutral strategies of single stock options, a temporary fee waiver was introduced (see Eurex Circular 113/23). The fee waiver only applies to leg trades in physically settled single stock futures as part of options volatility strategy trades in single stock options.

In this context, the scope of the Fee Sub Product Qualifier will be enhanced to include fee levels based on instrument types. A new valid value "V" will be introduced to cover the fee waiver for underlying leg trades resulting from options volatility strategy (OVS) trades or from non-standard options volatility strategy (NOVS) trades. As communicated with Eurex Circular 113/23, value "V" only applies to the leg trades in physically settled single stock futures as part of OVS or NOVS trades in single stock options. Please note that daily expiring single stock futures contracts can be used as underlying leg contracts for delta-neutral trading strategies in single stock options.

Fee Sub Product Qualifier	
Valid Value	**Description**
S	Standard
T	TED IPS
2	2-year Bundle
3	3-year Bundle

Fee Sub Product Qualifier	
Valid Value	**Description**
4	4-year Bundle
5	5-year Bundle
W	White Pack
R	Red Pack
G	Green Pack
B	Blue Pack
A	Gold Pack
M	Basis Spread
V	*NEW: Underlying leg trade in OVS or NOVS (only applies to trades in physically settled single stock futures resulting from OVS or NOVS trades in single stock options)*
X	Not available / Not relevant for T7

Table 2: Fee Sub Product Qualifier valid values definition

The new valid value "V" is planned to be considered in the Fee Sub Product Qualifier of the Fee Identification Code shortly after the launch of T7 Release 13.0. Other fee qualifiers are not affected by T7 Release 13.0 and remain unchanged.

6.4   Basket TRF: Allow amendments/substitutions by any third party

Basket TRF (BTRF) can be amended during their lifetime. Currently, if a broker was involved in the initiation of a new basket (i.e., when the Basket ID was first generated by T7), only the broker is subsequently also able to trigger basket amendments or substitutions (subject to approval by both counterparties).

With T7 Release 13.0, the initiator of an amendment or substitution could be *any third party*, not only one of the two counterparties, or the broker that originally entered the basket. For example, a counterparty might wish to process a subsequent amendment/substitution through another broker or use a Third-Party Information Provider (TPIP) to restructure the open basket.

The initial counterparties (Buyer and Seller) cannot be changed and will have to approve any basket amendments, same as today. The existing processing and existing validations applicable to Amendment and Substitution Trades will remain in place.

6.5   Higher max leg ratios for Non-Standard Options Volatility Strategies

With T7 Release 13.0, it will be possible to define maximum leg ratios for Non-Standard Options Volatility Strategies (NOVS) up to a value of 9999.

6.6 RDF files available on the Common Report Engine (CRE) on Saturdays

With T7 Release 13.0, the RDF files for Monday (respectively the next business day after the weekend) will be created and made available on the Common Report Engine on Saturday, in addition to the creation of the file on Sunday evening/Monday morning.

Additional files will also be generated in case a start-of-day is performed during the weekend following any maintenance activities.

Participants are reminded to retrieve and process the latest RDF file as described in the section *Reference data file after a failover or restart of T7 RDI* of the *Market and Reference Data Interfaces Manual*.

6.7 MiFID field for Risk Reduction made available for optional use

With T7 Release 13.0, the existing MiFID field for Risk Reduction will be made available for optional use in order entry, CLIP and TES requests. Quotes and Eurex EnLight requests are out of scope. Currently, the field exists but is not used. The MiFID Risk Reduction field is known under various names:

- ETI: OrderAttributeRiskReduction (23003)
- FIX LF: OrderAttributeType (2594)
- GUIs: CHdg.
- XML reports: riskReduction

In the T7 Trader GUI, the field will be added to several views, e.g. Order History, Trades view, TES entry, TES view, TES Autoapproval Rules, and others.

6.8 Pre-Trade Risk Limit consumption of options with decimals

With T7 Release 13.0, the Pre-Trade Risk Limit (PTRL) consumption of options will no longer be displayed as integers, but will have at least two decimals. Fields such as *NetPosition, OpenShort*, and *OpenLong* in the ETI or FIX interfaces or in GUI views will display decimals for options.

6.9 Market Maker Protection: Quotes inactivation or deletion

With T7 Release 13.0, the participants will be able to choose between two different types of consequences of a Market Maker Protection event. It will be possible to choose between either an inactivation of quotes only, or an inactivation followed by an immediate deletion of the quotes.

Users will be able to set this new parameter in the *Market Maker Protection* view of the T7 Trader GUI.

6.10 Dissemination of TES trades statistics also via EMDI and EOBI

With T7 Release 13.0, the number of buyers and sellers in TES trades, i.e., the number of deal sides in TES trades, will be disseminated via EMDI and EOBI, as it is currently disseminated via T7 Trader GUI in the *TES Time & Sales* view.

6.11 Improved *TES EFP-Idx Trade Entry* view in T7 Trader GUI

With T7 Release 13.0, the *TES EFP-Idx Trade Entry* view in the T7 Trader GUI will be improved to facilitate traders in entering reasonable trades based on helpful context information relevant to the trade.

- A new drop-down menu will enable the user to choose one of the following four cases:
  - ➢ Case (1): Non-Eurex EFP-Index Reference for Index Future and Bond Index Futures (Basket & ETF)
  - ➢ Case (2): Eurex Total Return Future Reference for Index Future
  - ➢ Case (3): Eurex Quanto Futures (FESQ) Reference for Index Future
  - ➢ Case (4): Trade at Index Close (TAIC)
- Depending on the chosen case, the view will offer a different setup of fields and, repeatedly, after filling in some basic fields, will automatically suggest a proposal for filling further fields.
  - ➢ E.g., in Case (1), on filling in the basic information in *Contract,* the *RefID,* etc., the user will automatically be offered a suggestion for the field *Min Nominal Value*, calculated based on the information previously filled in by the user.
    - ➢ After this, on filling in the *Nominal Value*, the user will automatically be offered a suggestion for the field *Qty range (min/max),* calculated based on the information previously filled in by the user.
- Several labels and field names will be made more self-explaining and unambiguous, and explanatory tooltip texts will be added to some fields which pop up on mouse-over.

7. Change Log

Version	Date	Log entry
1	21 August 2024	Publication.