T7 Release 10.1

Final Release Notes

for the Trading Venues Xetra and Börse Frankfurt

Version 1.1

Date 14 April 2022

Content

1. Overview of T7 Release 10.1

Deutsche Börse AG is planning to launch T7 Release 10.1 on 27 June 2022.

The following diagram gives an overview of the introduction schedule:
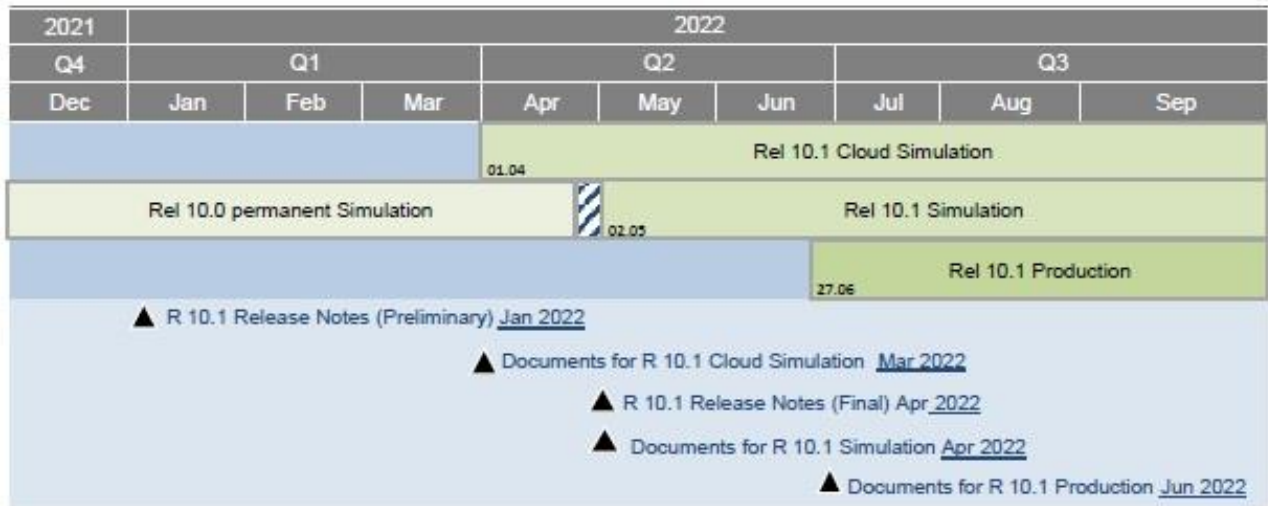
Deutsche Börse AG provides a dedicated release simulation environment in order to give trading participants the opportunity to perform comprehensive testing of their trading applications independent from the T7 production environment. The simulation period for T7 Release 10.1 is planned to start on 02 May 2022.

In addition, and prior to the T7 release simulation, Deutsche Börse AG offers a T7 Release 10.1 Cloud Simulation to allow trading participants and Independent Software Vendors (ISVs) to test the T7 Release 10.1 ETI, FIX LF interface, as well as RDI, MDI, EMDI and EOBI interface changes. 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 01 April 2022.

For more information on the T7 Cloud Simulation, please refer to
http://www.xetra.com/xetra-en/technology/t7/cloud-simulation.

1.1 New Features and Enhancements Overview

The following new main features and enhancements will be introduced with T7 Release 10.1:

	Relevant for	
	T7 Xetra	T7 Börse Frankfurt
Xetra EnLight Auto Execution (AutoEx)	x	
Xetra EnLight Staging of Request-for-Quotes	x	
Xetra EnLight Historic Negotiation Event Data	x	
Xetra EnLight Exclusive Off-Book Trading	x	

	Relevant for	
	T7 Xetra	**T7 Börse Frankfurt**
Payload Encryption for FIX LF Interface	x	x
Further Changes and Enhancements	x	x

1.2 Note on Interfaces

T7 Release 10.1 will provide backwards compatibility for the T7 ETI/FIX LF interface version 10.0, i.e. participants who do not want to use the new functionality will still be able to connect to T7 with the interface layout version 10.0 even after the production launch of T7 Release 10.1.

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 10.1. The following table provides an overview of the schedule for the publication:

T7 Release 10.1	Derivatives Markets	Cash Markets	Combined	Q1 / 2022			Q2/ 2022		
				Jan	Feb	Mar	Apr	May	Jun
T7 Release 10.1 - Release Notes	X	X		◆			●		
T7 Functional Reference			X				●		
T7 Functional and Interface Overview			X				●		
T7 Participant Simulation Guide			X				●		
T7 Cross System Traceability			X				●		
T7 Incident Handling Guide			X				●		
T7 Participant and User Maintenance Manual	X	X					●		
Contract Notes Description		X							●
T7 Known Limitations			X				■		●
T7 Trader, Admin and Clearer GUI – User Manual	X	X					■		●
T7 Trader, Admin and Clearer GUI – Installation Manual			X				●		
T7 Enhanced Trading Interface – Manual incl. XSD, XML Representation and Layouts			X			◆	■		●
T7 FIX LF – Manual incl. XML Representation and FIX Repository			X			◆	■		●
T7 Market, - Enhanced Order Book- and Reference Data Interfaces Manual incl. Fast Message Template, Repository & FIXML Schema Files			X			◆	■		●
T7 Extended Market Data Services – Manual incl. Fast Message Template and Underlying Ticker Data			X				■		●
Cash Market Instrument Reference Data Guide		X					●		
T7 XML Report Reference Manual			X				■		●
Common Report Engine User Guide			X				●		
Common Upload Engine User Guide			X				●		
Exchange Rules & Regulations		X							●
Market Models		X							●

◆ Cloud Simulation/Prelim. Version   ■ Simulation Version   ● Production/Final Version

Please note that the outlined schedule is subject to change.

The documents will be available on the Xetra website www.xetra.com under the path:

> Technology > T7 Trading Architecture > System Documentation > Release 10.1

1.4 Contacts

If you have any questions or require further information, please contact your Global Key Account Manager Trading. Alternatively, please contact your Technical Key Account Manager using your VIP number or via e-mail to: cts@deutsche-boerse.com.

1.5 Definitions and Abbreviations

Term/Abbreviation	Description
BFZ	Börse Frankfurt Zertifikate AG is a subsidiary of Deutsche Börse AG. The marketplace offers trading in certificates, warrants and reverse convertibles.
Börse Frankfurt	Trading venue of FWB, where equities, bonds, ETFs, ETCs, ETNs and funds are traded.
BU	Business Unit
CRE	Common Report Engine
CSC	Collective Safe Custody
DBAG	Deutsche Börse AG
EMDI	T7 Enhanced price level netted Market Data Interface
EOBI	T7 Enhanced Order Book Market Data Interface
ETI	T7 Enhanced Trading Interface
FIX LF	FIX LF interface
FWB	Frankfurter Wertpapierbörse
GUI	Graphical User Interface
ICSD	International Central Securities Depository
MDI	T7 netted price level aggregated Market Data Interface
OMS	Order Management System
RDF	T7 Reference Data File
RDI	T7 Reference Data Interface
SRQS	Selective Request for Quote Service, i.e. Xetra EnLight
T7	T7 is the trading architecture developed by Deutsche Börse Group
TES	T7 Entry Service
Xetra EnLight	Xetra EnLight is a price discovery service offered by Xetra on the T7 platform to negotiate TES transactions electronically
XETR	Market Identifier Code (MIC) of trading venue T7 Xetra
XFRA	Market Identifier Code (MIC) of trading venue T7 Börse Frankfurt including Börse Frankfurt Zertifikate

2. Xetra EnLight Auto Execution

With T7 Release 10.1, the Xetra EnLight Request-for-Quote (RfQ) service will be enhanced with an automatic execution functionality (AutoEx) on behalf of the requester.

2.1 Functional Description

The requester will be able to configure an automatic execution for the Negotiation Event when starting the event. For this, the requester will be able to define three values with the Negotiation Event:

- Quote collection duration
- Minimum number of quotes
- Price criterion

If the user-defined minimum number of quotes is reached within the quote collection duration, and if one or more quotes fulfil the price criterion, at the end of the quote collection duration, the quote with the best price will be matched automatically. If there are multiple quotes at the best price, one of them will be chosen randomly.

The AutoEx feature therefore ensures best execution of the RfQ transaction while requesters will not have to continuously monitor quote responses in the meantime.

The price criterion will consist of a chosen reference price and an offset to it. The configured reference price may be one of the following prices:

- Midpoint of the published order book of the corresponding market
- Best bid of the published order book of the corresponding market
- Best ask of the published order book of the corresponding market
- Requester-defined limit price

For the automatic execution to result in a complete trade, the requester will have to provide all the required MiFID II and clearing fields which are normally provided via the Hit Quote.

2.2 Impact on Interfaces

The following chapter outlines the changes to interfaces 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 ETI

Several ETI requests and notifications will be modified:

- Xetra EnLight Open Negotiation Request
- Xetra EnLight Update Negotiation Request
- Xetra EnLight Open Negotiation Notification for Requester
- Xetra EnLight Negotiation Notification for Requester
- Xetra EnLight Enter Quote Request
- Xetra EnLight Create Deal Notification

2.2.2 T7 Trader GUI

Several views will be modified:

- Xetra EnLight Requester
- Xetra EnLight Request Details
- Xetra EnLight Request History
- Xetra EnLight Deals

2.2.3 XML Reports

Two XML reports will be modified:

- Report TC600 Xetra EnLight Maintenance:
  The *eventGrpX* of TC600 will be enhanced with the Auto Execution information visible only to the requester. The *dealGrpX* will be enhanced with the *enableAutoExecution* flag. The *sideClearingInfoX* will be renamed to *tc600sideClearingInfo*. Within *tc600sideClearingInfo*, the field *regOrderEvent* will be removed. The field *autoExecShowSide* will be renamed to *showSide*.
- Report TC610 Xetra EnLight Best Execution Summary:
  The report will be enhanced with an *enableAutoExecution* flag to indicate that the Negotiation Event was auto executed or not. The report is visible only to the requester.

3.   Xetra EnLight Staging of Request-for-Quotes

With the introduction of T7 Release 10.1, Xetra will offer a staging mechanism for Xetra EnLight Request-for-Quotes (RfQs) allowing trading participants to define only a few mandatory fields of an RfQ, before submitting it to Xetra EnLight in a suspended state. Subsequently, a trading participant will activate the RfQ, so that it will then be sent to the respondents automatically. The submitter of the RfQ will receive updates on main events during the lifetime of the negotiation event such as quotes received, trades executed and the end of the negotiation.

Staging of RfQs will be designed to support the integration of Xetra EnLight into the trading participants' Order Management Systems (OMS) and the electronification of the RfQ workflow. It will lower the implementation effort for participants who wish to access Xetra EnLight via their own OMS. Staging of RfQs will allow the OMS to communicate via ETI with Xetra EnLight on the most important aspects of the RfQ, while remaining details can be added seamlessly via the T7 Trader GUI.

3.1   Functional Description

A requester will have the possibility to generate an RfQ with status *Suspended*, either on the requester's own behalf or on behalf of another trader. This trader will subsequently be referred to as the *submitting trader* and the respective RfQ will subsequently be referred to as the *suspended RfQ*. A suspended RfQ can be released (i.e. turned into an active RfQ) by the *executing trader*. The executing trader and the submitting trader can be one and the same user or two different users.

A suspended RfQ will be validated when submitted to Xetra EnLight using dedicated validations for the suspended RfQ and fields filled. While field level validations (e.g. format, data type etc.) will be performed as usual, many fields will be optional in comparison to a regular RfQ and may therefore not be provided. However, when optional fields are provided, they will be validated where applicable.

Please note that the quantity will remain a mandatory field. If the quantity multiplied by the reference price is less than the SRQS minimum size as provided in the reference data, then the request will be rejected.

It will be possible to provide MiFID II related fields as well as clearing fields (trading capacity or free text fields) in the suspended RfQ which are currently provided in the Hit Quote request. The respective ETI requests will be enhanced by these fields. The respondents will not receive this information.

The executing trader may define missing fields on releasing a suspended RfQ. The submitting trader may lock some or all the following fields while submitting a suspended RfQ, which means that the executing trader will not be able to change the instructions provided by the submitting trader:

- Quantity
- Trade direction

Locking the preferred Bid and/or Ask will serve as boundaries for the submitting trader.

The submitting trader and the executing trader will be notified once a suspended RfQ is submitted.

Once a suspended RfQ will be released by the executing trader, all the notifications related to the active RfQ / negotiation will be sent to the executing trader. Furthermore, the timer for the automatic expiration of the Negotiation Event will start running. This timer is already defined by the exchange.

The following updates / notifications will be sent to the submitting trader of the suspended RfQ:

- Release of suspended RfQ (turn into an active RfQ)
- Quotes
- Trades
- Deletions of RfQ (any message that the active RfQ has been cancelled, expired, finalized, or alike, that relates to a formerly suspended RfQ)

It will not be disclosed to the respondents that an active RfQ was derived from a suspended RfQ.

Suspended RfQs will be able to be deleted before being released. One single suspended RfQ can lead to only one active RfQ. Amendments of a suspended RfQ will not be supported. Once a suspended RfQ has been activated, it will follow the existing lifecycle and it will not be possible to revert it to a suspended RfQ.

All suspended RfQs will be deleted at the end of the day. Any business risk event such as Stop Trading BU, Stop Trading User, or Stop BU by a Clearing Member will result in the deletion of all suspended RfQs.

3.2 Impact on Interfaces

The following chapter outlines the changes to interfaces 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 requests / messages will be adapted:

- Xetra EnLight Open Negotiation Request
- Xetra EnLight Update Negotiation Request
- Xetra EnLight Open Negotiation Requester Notification
- Xetra EnLight Negotiation Requester Notification

Please note that it is not possible that the same BU will use the application in Backwards Compatibility mode as well as in 10.1 mode. A scenario where a Suspended RfQ will be initiated by an application in 10.1 mode and then handled by an application in Backwards Compatibility mode is not supported.

3.2.2 T7 Trader GUI

The following views will be adapted:

- Xetra EnLight Requester
- Xetra EnLight Request Details
- Xetra EnLight Request History

3.2.3 XML Reports

Report TC600 Xetra EnLight Maintenance will capture the complete lifecycle of a suspended RfQ, with a new valid value for *Suspended* in field *eventStatus*.

4. Xetra EnLight Historic Negotiation Event Data

With T7 Release 10.1, a new view with data of historical Xetra EnLight negotiations will be introduced in the T7 Trader GUI. This will enable the requesters to prove compliance with Best Execution requirements of the involved parties and which will make it easy for requesters to repeat a historical Xetra EnLight negotiation.

4.1 Functional Description

Historical data of the negotiation events of the past trading day is currently stored in the existing XML reports TC600 Xetra EnLight Maintenance and TC610 Xetra EnLight Best Execution Summary. To make access to this historical data easier to users and to comprise more historical data, T7 will provide a new view *Xetra EnLight Historic Data* in the T7 Trader GUI which will display data of historical Xetra EnLight negotiation events.

The data will be displayed from the perspective of the Xetra EnLight requester, which means that particularly the data from the perspective of the respondent will not be displayed.

The fields provided in the new view will be fields of the following views, as far as they are available:

- Xetra EnLight Request view
- Xetra EnLight Deals view
- Xetra EnLight Respondent view and
- MiFID fields.

It will be possible to filter the historical data e.g. by

- Date
- Deal status
- Respondent

Only the final status of each negotiation event will be displayed, i.e. only the last quote of each respondent available at the end of the negotiation event will be shown. The negotiation events with status *Expired* will also be included.

The data provided will be completely decoupled from entitlement validations or from the currently valid reference data. Please note that instruments and users from the past might not exist anymore, or that an instrument might have been delisted and listed again in the meantime.

It will be possible to choose a historical Negotiation Event to easily setup a new Negotiation Event by duplication. Please note that this may result in empty fields in case of instruments and users which do not exist anymore, or that this may result in misunderstandings in case of instruments which were delisted and listed again in the meantime.

The history of the provided historical data will comprise data not older than two years but no earlier than the start of T7 Release 10.1. Data of the current business date is not part of the available historical data.

4.2 Impact on Interfaces

The following chapter outlines the changes to interfaces 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.

4.2.1 T7 Trader GUI

A new view *Xetra EnLight Historic Data* with data of historical Xetra EnLight negotiations will be introduced.

5. Xetra EnLight Off-Book Only Trading

With T7 Release 10.1, Xetra will introduce exclusive off-book trading. Currently off-book trading on T7 (TES types LIS and OTC as well as Xetra EnLight) is only possible if the respective instrument is traded on-book in the order-book in parallel. With T7 Release 10.1 it will be possible to trade instruments off-book only. Additionally, it will be possible to limit off-book trading to Xetra EnLight only.

Furthermore, the exchange will be enabled to prevent Xetra EnLight trading for such an instrument at any time. The Maximum Order Value check and the SRQS minimum size check will not be performed.

5.1 Impact on Interfaces

The following chapter outlines the changes to interfaces 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.

5.1.1 Public reference data

RDI and RDF – respectively the *AllTradableInstruments* file – will be enhanced by a new field / column for the *disableOnBookTrading* flag belonging to the *CashProduct* entity. This field will indicate whether the instrument is eligible for on-book trading. The attribute *TradingModel* in the *MarketModel* entity will have a new valid value 6 for Off_Book_Only_Trading

6. Xetra EnLight – Further Enhancements

With T7 Release 10.1, Xetra will introduce a series of further configurations to improve the Xetra EnLight workflow for specific instruments. Please note: These configurations will not be enabled for all instruments.

6.1 Functional Description

6.1.1 Requester's Side

The Requester will have to specify the 'side' while initiating the negotiation.

6.1.2 Settlement Period of 0

It will be possible for the exchange to set the settlement for specific instruments to the current business day (t+0). This will be transparent in the reference data and the value 0 is used only for Xetra EnLight. The requester will not be able to modify the settlement date throughout the negotiation cycle. Open negotiation requests with deviating settlement dates will be rejected.

6.1.3 New Quoting Status

A new Quoting Status related to the respondents will be introduced to inform the requester that a respondent will not provide a quote to the respective quote request specifying the reason why no quote is provided

6.1.4 Auto Pulling of Quotes

Respondents will benefit from Auto Pulling because it will reduce the risk of being executed on a stale quote. With Auto Pulling of Quotes the respondent will be able to control how long a submitted quote remains valid. The respondent will be able to enter or update a quote via the GUI or via ETI with a time duration, beyond which the quote will be automatically pulled out, meaning the quote will be deleted.

This auto pulling functionality will be disabled if no time limit is provided by the respondent while entering or updating the quote.

The requester will not know about the timer but will receive the complete information of the deleted quotes. The requester will not be able to distinguish whether the quote is deleted automatically or manually.

The Auto Pulling will stop prematurely, only if

- The respondent deletes the quote manually
- The respondent updates the quote status to "Working"
- The respondent updates the quote and thus the timer starts again
- The respondent declines/removes the RfQ
- The Negotiation Event expires
- The quote is met by a Hit Quote
- There is a risk event that will trigger a quote deletion by Xetra EnLight

If the T7 Trader GUI stops functioning for any reason e.g. due to failure, then the quotes will be pulled when the timer expires automatically.

The respondent will also be able to define a default timer using the GUI property, so it will be automatically populated in the *Xetra EnLight Quote Entry* view and can be amended for each quote entry (or update) by the respondent if necessary. This setting will be typically set by the respondents for their own discretion. There will be no dependency on other traders, participants, nor instruments. This is a GUI only feature.

The respondent will receive the auto pulling timer as part of the quote notification.

No price range validation will be performed.

6.1.5 Skip Price Range Validation

It will be possible for the exchange to configure the price range validation to be skipped for entering HitQuote requests.

6.2 Impact on Interfaces

The following chapter outlines the changes to interfaces 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.

6.2.1 ETI

The following requests will be modified:

- Xetra EnLight Open Negotiation Request
- Xetra EnLight Enter Quoting Status Request

The field for the *Pull-In Timer* will be introduced in the following messages:

- Xetra EnLight Enter Quote Request
- Xetra EnLight Quote Notification for Responder

This field will be optional, its format will be mm:ss.

6.2.2 FIX LF

All details concerning the new FIX LF interface are outlined in the FIX LF Manual.

6.2.3 T7 Trader GUI

The following views will be adapted:

- Xetra EnLight Request Details View
- Xetra EnLight Quote Entry View
- Xetra EnLight Responder View

6.2.4 XML Reports

One new field and one new valid value for an existing field will be introduced into various XML reports:

- New field: pullInTime.
    - Description: This field captures the Pull-In time of the Xetra EnLight quote.
    - Format: TimeFormat18.
    - Usage: Optional.
    - Where used:
        - TC600 Xetra EnLight Maintenance.

- New valid value 5, Decode P, in existing field *ackStatus* (quoting status).
    - Description: Pre-funding amount not sufficient.
    - Where used:
        - TC600 Xetra EnLight Maintenance
        - TC610 Xetra EnLight Best Execution Summary

7. Payload Encryption for FIX LF Interface

With T7 Release 10.1, an additional FIX LF connectivity option (via an additional port) will be provided. It will help customers to implement their security requirements by providing transport layer security (payload encryption) for non-fully controlled lines. The payload encryption will be implemented via OpenSSL using TLS 1.2 (with restricted cipher-suites).

Both, Network Access Guide and FIX LF Manual will provide more details.

8. Further Changes and Enhancements

With T7 Release 10.1, Deutsche Börse will introduce the following additional changes and enhancements.

8.1 New Cash Security Subtypes

With T7 Release 10.1, new Cash Security Subtypes will be introduced in Xetra:

- EquityDevelop
- EquityEMSec
- FixedIncome
- MoneyMarket
- Commodities
- Others

8.2 New Security Type

With T7 Release 10.1, a new Security Type will be introduced in Xetra:

- 10 DIGITAL_ASSET

8.3 Change of Usage of Field *TradeDate* in ETI TES Status Broadcast

With T7 Release 10.1, the field *TradeDate* in ETI TES Status Broadcast will be modified in its usage: Once a *mandatory* field, it will be an *optional* field now.

8.4 Weekend Connectivity

With T7 Release 10.1, Deutsche Börse will introduce the possibility to test the connectivity to the T7 system over weekends. It will be possible to send an http request to the IP address/port of T7 gateways (both ETI and FIX LF).

This will be done e.g. by applying the tool *wget* or the command *curl*, which will be responded by a *400 Bad Request*, thus confirming the connection.

There is no guarantee that connectivity to the T7 system will be always available over weekends.

8.5 Change of Price Field Format in XML Reports

With T7 Release 10.1, the format of several price fields in various XML reports will change, according to the following table. The following fields will change their format

- from *numeric signed 9, 5*
- to *numeric signed 11, 5*

Field	Reports
askPrc	PM900 Specialist Performance per Executed Order PM930 ITM Issuer Performance Per Executed Order
bidPrc	PM900 Specialist Performance per Executed Order PM930 ITM Issuer Performance Per Executed Order TC600 Xetra EnLight Maintenance TC610 Xetra EnLight Best Execution Summary

Field	Reports
dealPrc	TC600 Xetra EnLight Maintenance TC610 Xetra EnLight Best Execution Summary
execPrc	PM900 Specialist Performance per Executed Order PM930 ITM Issuer Performance Per Executed Order TC540 Daily Order Maintenance TC545 Daily TES Maintenance TC810 T7 Daily Trade Confirmation TC812 T7 Daily Prevented Self-Matches TC910 T7 Daily Match Step Activity
highPrc	TC910 T7 Daily Match Step Activity
limOrdrPrc	PM900 Specialist Performance per Executed Order PM930 ITM Issuer Performance Per Executed Order TC540 Daily Order Maintenance TC550 Open Order Detail TC810 T7 Daily Trade Confirmation TC812 T7 Daily Prevented Self-Matches
lowPrc	TC910 T7 Daily Match Step Activity
offerPrc	TC600 Xetra EnLight Maintenance TC610 Xetra EnLight Best Execution Summary
prc	TC600 Xetra EnLight Maintenance TC610 Xetra EnLight Best Execution Summary
stopPrice	TC540 Daily Order Maintenance TC550 Open Order Detail
trailStopAbsPrice	TC540 Daily Order Maintenance TC550 Open Order Detail
volDiscPrc	TC540 Daily Order Maintenance TC550 Open Order Detail TC810 T7 Daily Trade Confirmation

8.6 Change of *trailStopPricePct* Field Format in XML Reports

With T7 Release 10.1, the field *trailStopPricePct* will be modified in its format:

- Old: numeric 6, 2
- New: numeric 6, 4

Where used:

- TC540 Daily Order Maintenance
- TC550 Open Order Detail

8.7 Modification of XML Reports TR160 and TR161

With T7 Release 10.1, the following XML reports will be modified to improve the data presentation for the maintenance of long code / short code combinations:

- TR160 Identifier Mapping Error
- TR161 Identifier Mapping Status

The TR160 Identifier Mapping Error report will be modified in the following way:

- The following error codes will be decommissioned:
    - Error Code 3 – PNAL. Pending allocations. Client long value has not been provided for Short Code ID.
    - Error Code 4 – AGGR. Aggregated order. Client long value is neither a National ID nor LEI nor an ALGO ID, but the respective Short Code ID stands for several clients.
    - Error Code 19 – Invalid combination. Classification Rule is empty; the Client long value can be only PNAL, AGGR, or NORE.
- The following error code will be introduced in order to respond to deletion instructions where no to-be-deleted match could be found:
    - Error Code 24 – Nothing to delete
- The field *user* will be introduced in *tr160Rec* and will display the user.
- The field *sessionId* will be introduced in *tr160Rec* and will display the session ID.
- The fields *freeText1, freeText2, freeText3, freeText4* will be introduced in *tr160Rec* and will display the text entered by the participant.

The TR160 Identifier Mapping Error report will be modified in the following way:

- The report description will be changed to: "This report provides a cumulative overview of valid registered short and long code combinations of the reporting day. The report is provided per business unit and trading venue on a daily basis."
- A new field *nationalIDCountryCode* will be introduced in *tr161Rec* and will display the country code of the NationalID submitted by the member
  Description: This field states the country code of the NationalID submitted by the member.
  Format: alphanumeric 2.
- A new field *nationalIDPriority* will be introduced in the new repeating group *tr161Rec* and will display the priority of the NationalID submitted by the member.
  Description: This field states the priority of the NationalID submitted by the member
  Format: alphanumeric 1.

8.8 New XML Reports TR167 and TR168

With T7 Release 10.1, two new XML reports will be introduced to provide aggregated daily overview over all long code / short code combinations with non-unique or inconsistent short code assignments.

- TR167 Non-Uniqueness Identifier: This report provides a cumulative overview of non-unique long codes where more than one short code is registered for the same long code for the reporting day. The report is provided per business unit and trading venue on a daily basis. This report is only available as XML report
- TR168 Non-Consistency Identifier: This report provides a cumulative overview of long code modifications to unique short and long code combinations from the previous reporting day to the reporting day. The report is provided per business unit and trading venue on a daily basis. This report is only available as XML report

9. Change Log

No	Date	Log entry
1.1	14 April 2022	Final