

# Deutsche Boerse Group's - Derivative Markets

## T7 Release 15.0 - Eurex Web Admin Manual

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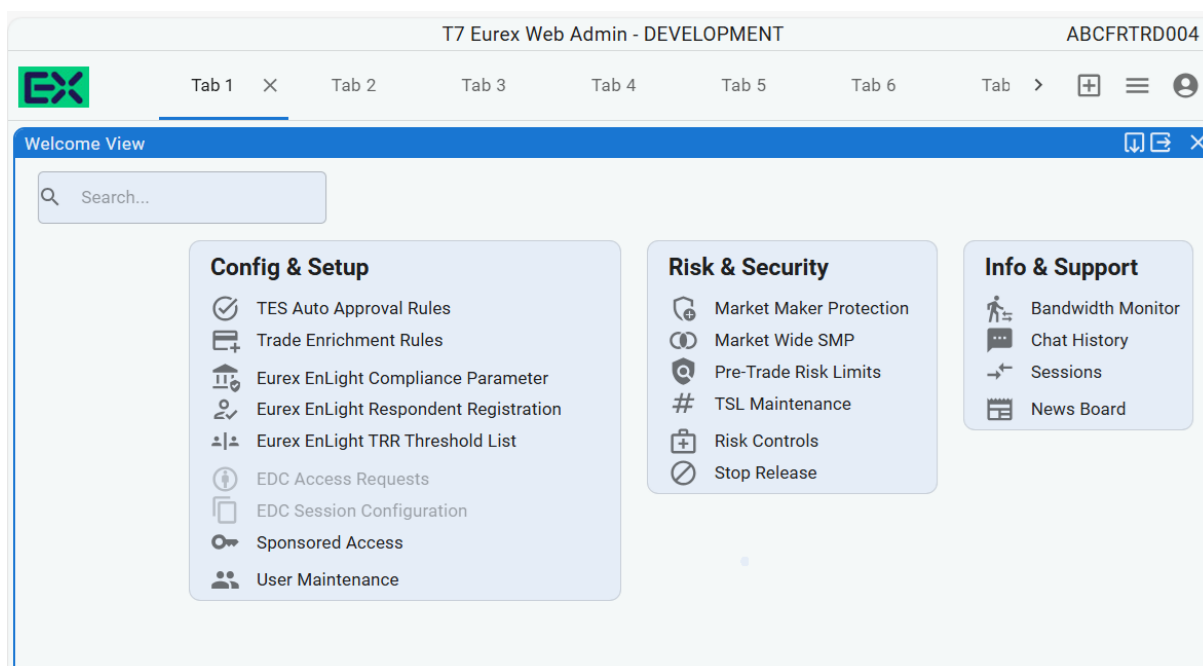
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# 1 Introduction

**This document is generated based on the online help of the Web App GUIs. The online help can be launched from within the Web App's Application menu or view specific from within the view's menu.**

The *T7 Derivatives Web Admin* offers various administrative functions to an authorized service administrator of a Business Unit and user data view users.



## 1.1 Important Information!

**The inactive/idle tabs feature of modern web browsers causes the user to be logged out unexpectedly of the *T7 Derivatives Web Admin* session. This means, any user settings made prior to logout will be lost.**

**Only authorized users have access to dedicated functions provided in the Web App.**

**Data contained in the screenshots and samples in this publication are for illustrative purposes only and should not be relied upon as a true representation of the current market.**

**Any information which is presented in this document, including screenshots, is subject to change.**

This document is also available via the online help within the Web Apps.

## 1.2 Roles and Functions

The T7 Derivatives Web Admin allows specific roles and associated functions as follows:

- Service Administrator: allows to access several views, e.g. User Maintenance, Pre-trade risk limits, TSL maintenance
- User Data View: View only access to see all users and their entitlements.

## 1.3 Access to Individual Views

The most obvious use of entitlement is the access to individual views. If the Welcome View displays them in a grey like font, the access to this view is disabled and cannot be used:



## 1.4 Next Steps

For an overview of how to operate the *Eurex Web Admin* see the Web App Concepts and Functions chapter. The individual views are described in the following chapters:

- **Config & Setup**

- **Risk & Security**
- **Info & Support**

## 2 Concepts and Functions

This chapter documents the common user interface elements and operational patterns across all T7 Web Applications (Trader, Admin, and Clearer).

It provides a detailed description of features like a multi-view desktop for parallel view management, filtering and search capabilities to query data, table operations to customize data display and edit multiple cells at once, and user account and application settings management.

**Data contained in screenshots and samples in this publication are for illustrative purposes only and should not be relied upon as a true representation of the current market. Note: Descriptions of Web App functions are subject to change.**

### 2.1 General description of the T7 Web Apps

All Web Apps open a [login window](#) on startup. After successful login, the application displays the Welcome View that is also called *trading desktop*. To begin using the Web App, dismiss the Last Login popup by clicking outside of it.

The **Welcome View** features a tab bar above the central desktop area and a status bar below. This central desktop provides access to the available views, which are opened within the central desktop.

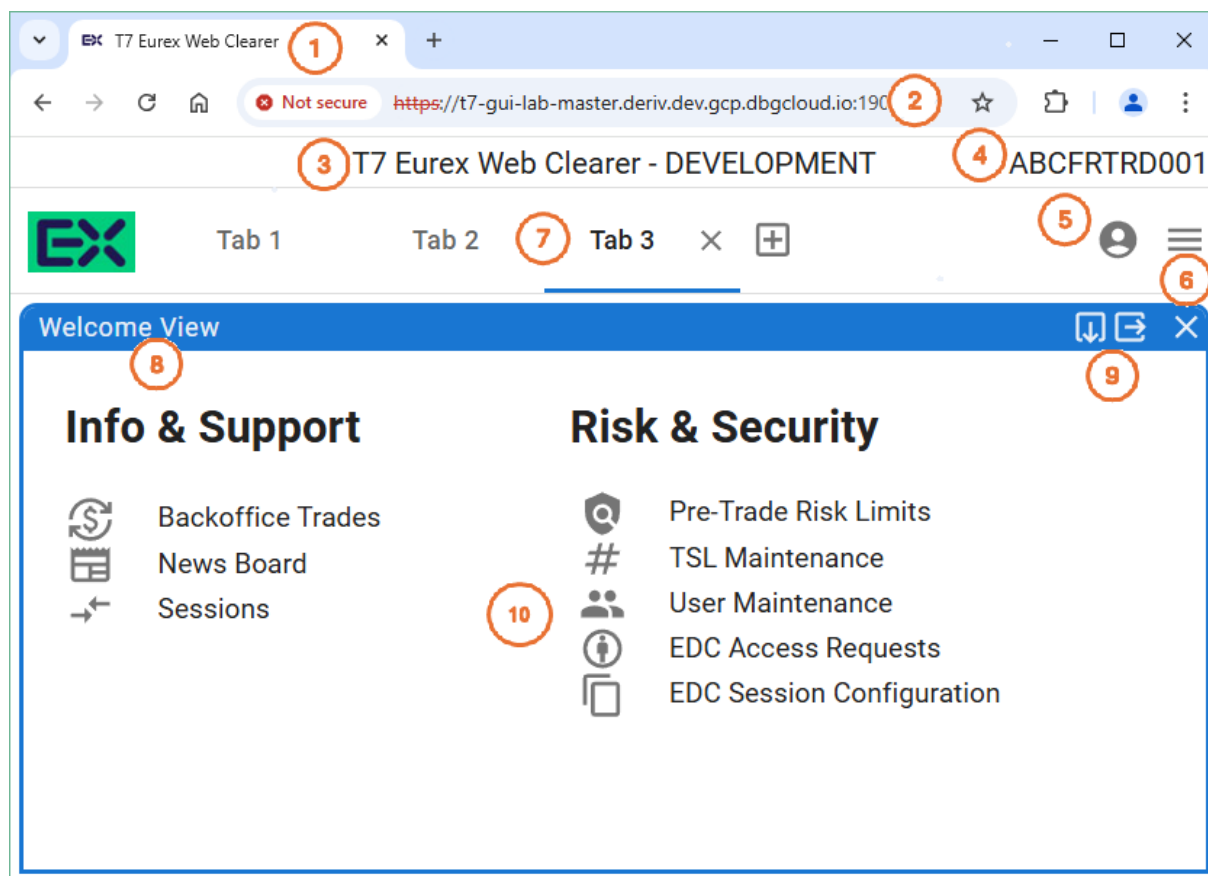
The views itself also share common elements:

- a window title bar with icons in it,
- the central pane containing a form or a table,
- a status bar to provide feedback on actions and
- usually an additional button bar below or next to it.

#### 2.1.1 The Essential Web App Elements

While the application window is appearing as a single tab in the browser, it can display multiple *views* in one instance. To achieve this, the application features [the trading desktop](#).

The picture below highlights the essential items of a T7 Web App.

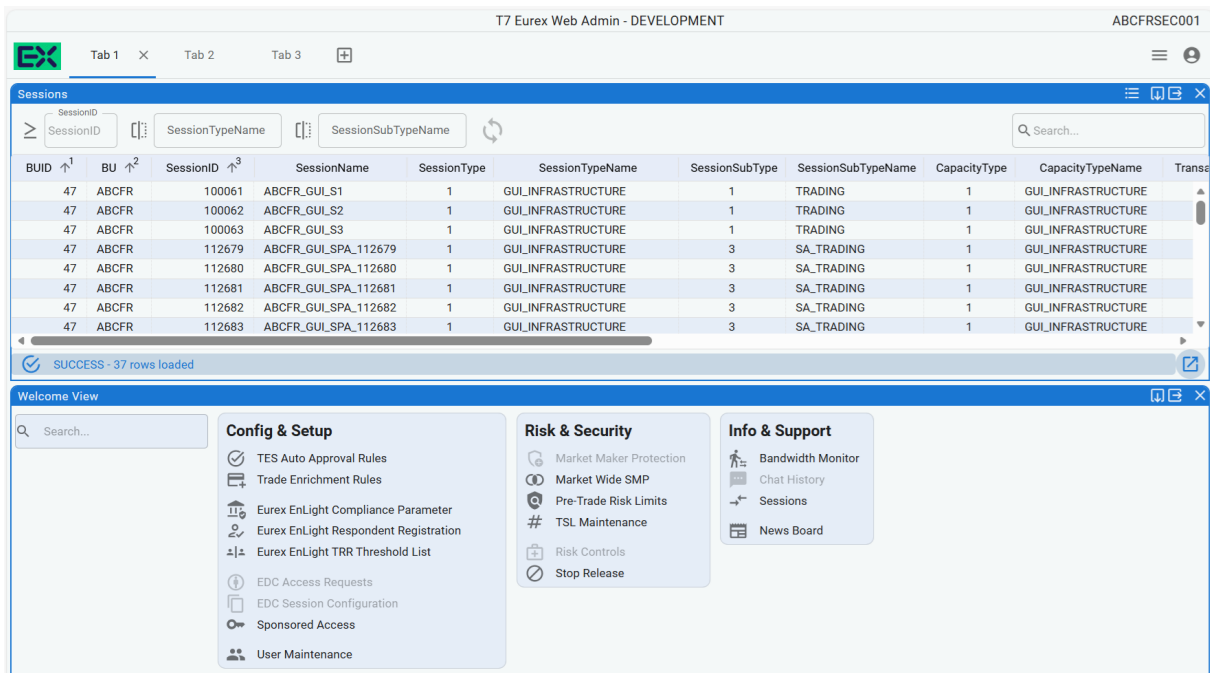


| Item | Explanation                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1    | The Web App tab in the browser.                                                                                                         |
| 2    | The URL of the specific Web App.                                                                                                        |
| 3    | Web App title and environment.                                                                                                          |
| 4    | User name who is logged-in.                                                                                                             |
| 5    | <a href="#">User Menu</a> : find user and system related info; change password.                                                         |
| 6    | <a href="#">Application Menu</a> : set app-wide preferences like <b>MiFID</b> data, configure alerts & text fields; launch online help. |
| 7    | Tab area to open and switch trading desktops.                                                                                           |
| 8    | Title bar of a view with the name.                                                                                                      |

| Item | Explanation                                                                            |
|------|----------------------------------------------------------------------------------------|
| 9    | Icon area of the title bar with e.g. resize and closing icons.                         |
| 10   | Trading desktop, here the Welcome View with the available views, sorted in categories. |

## 2.2 Trading Desktop

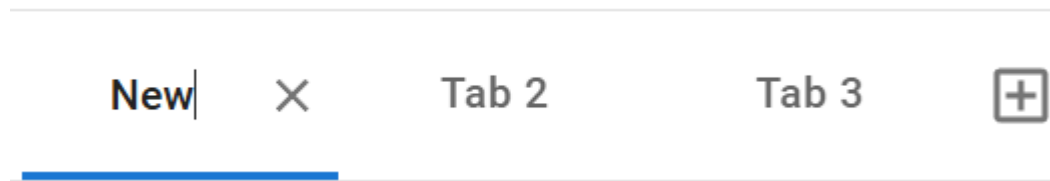
The *Trading Desktop* allows you to open multiple views within a single display. To do so, the user simply clicks one of the split arrows  for splitting the current screen downwards or to the right, respectively. From the newly opened Welcome View the desired view can be chosen and displayed together with the first view:



The screenshot displays the T7 Eurex Web Admin interface. At the top, there's a header bar with the title "T7 Eurex Web Admin - DEVELOPMENT" and a user identifier "ABCFRSEC001". Below the header, there are tabs labeled "Tab 1", "Tab 2", and "Tab 3". The main content area is divided into two sections. The top section, titled "Sessions", contains a table with columns: BUID, BU, SessionID, SessionName, SessionType, SessionTypeName, SessionSubType, SessionSubTypeName, CapacityType, CapacityTypeName, and Trans. The table lists several sessions, including ABCFR\_GUL\_S1, ABCFR\_GUL\_S2, ABCFR\_GUL\_S3, and ABCFR\_GUL\_SPA\_112679. The bottom section, titled "Welcome View", contains three panels: "Config & Setup" (with options like TES Auto Approval Rules, Trade Enrichment Rules, etc.), "Risk & Security" (with options like Market Maker Protection, Market Wide SMP, etc.), and "Info & Support" (with options like Bandwidth Monitor, Chat History, etc.).

For more view related actions like arranging and resizing them please refer to the [next chapter](#).

To open several views in parallel, multiple Trading Desktops can be created simultaneously using the  of the tab area. To rename a tab double click the tab name and enter a new label for it.



## 2.3 View Elements and their Handling

Similar to the [Web App desktop](#), views share common elements and actions which are described in the next paragraphs. Most views consist of the following elements:

- [Title bar with actions](#)
- [Filter & profile input area](#) with inquiry action
- [Table- / data area](#) where inquired data is displayed and can be altered
- [Specific button \(action\) area](#)
- [Status bar with message history](#)

[As already mentioned](#), multiple views can be arranged in the trading desktop using the split icons. With more than one view, **resizing the views** is accomplished by dragging the border of two views in horizontal or vertical direction.

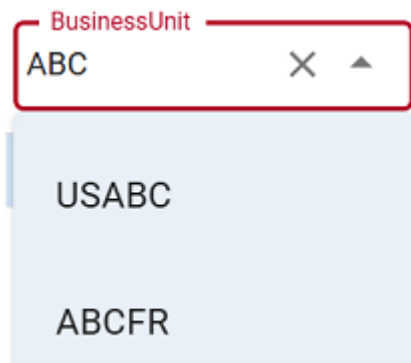
**Rearranging the views** is done by clicking the title bar and dragging it to the left/right or upper down edge of the trading desktop. While dragging the title bar, the view will be extracted from the current desktop and a tiny preview of the view is shown at the location of the mouse. If the view is near a proper(new) position a blue bar appears that highlights the new location. If the mouse is released, the view will snap into the target location causing other views to rearrange automatically.

When a **view is closed** using the , the Welcome View will be displayed instead.

### 2.3.1 Text Input - Forms and Fields

Fields that only require text input can be filled in by typing the corresponding value. However, many entry fields allow the user to select a value from a list, which appears when the user clicks in the field or clicks the down-arrow icon (where available).

These fields also provide keyboard assistance: when you type the first character(s) of the desired value, a menu automatically opens with a list of matching values:



### 2.3.2 Multicell Edit

This feature allows to edit several cells of one table column at once, which is especially useful to quickly change a bigger data portion to one new value e.g. decrease several *pre-trade risk limits* figures at once.

To benefit from this feature, the user needs to

- first select the rows to be edited (starting at the desired cell)
- secondly, start the multi-cell edit mode and execute the desired change in the column
- finally, commit or discard the changes

**Selecting the rows:** click a row to select it, then press either

- SHIFT + CRSR UP / CRSR DOWN to select consecutive cells in upwards / downwards direction respectively or
- press CTRL + mouse click on (individual) cells.
- Alternatively, using only the keyboard: press TAB until the cursor sits in a table field, then use the CRSRkeys to navigate to the desired cell and select them by holding SHIFT and pressing CRSR UP / CRSR DOWN.

**Starting the edit mode:** position the focus on the cell to be edited within the selection and start editing in one of the following ways, each with a slightly different effect:

- **Any character:** clears the old value and accepts the typed character as the first character of the new value.
- **BACKSPACE or DELETE:** clears (deletes) the old value so a new value can be entered.
- **RETURN:** enters edit mode keeping the old value and places the cursor behind it.

**Editing special cell types:**

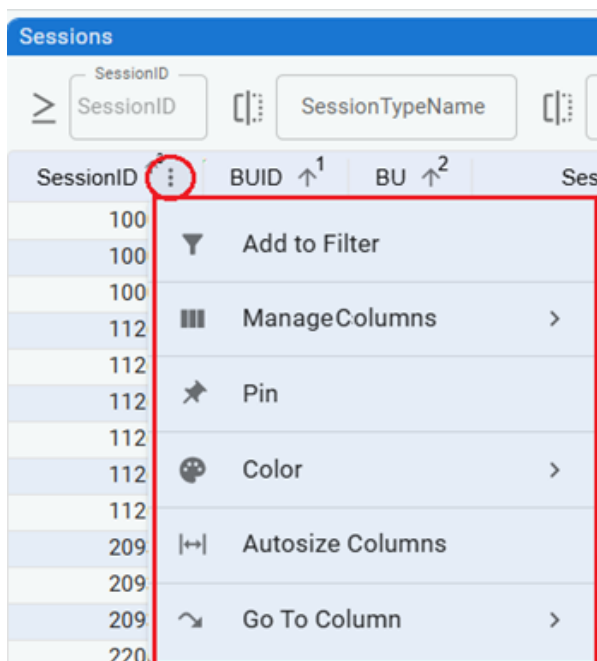
- **Checkboxes:** are toggled with SPACE. Edit mode is started by pressing CTRL + double-clicking on one of the selected cells.
- **Dropdown boxes** are opened with CRSR DOWN.

### 2.3.3 Tables

In general there are two types of views in the application: tables and forms and occasionally a combination of both of them. The elements of a table are the table cells, which are ordered by rows and columns. The user can customize the table and what data displayed in the table in several ways:

- using dedicated column functions like Sort, Manage and Go To
- what data shall be displayed by using the [the powerful filter functions](#)
- the Export and import functions
- [multi-cell edit](#) to change data of several cells at once

When hovering over the column heading, the table menu icon  is displayed which offers several actions affecting the table display:



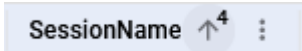
- **Add to Filter:** filters the table by the value entered in the corresponding column.
- **Manage columns** lists all column names to quickly show or hide them. Offers the option to search for columns names.

*Not all available columns might be visible initially in a view's table.*

- **Pin** docks the selected column to the side of the table so it remains visible while scrolling.
- **Color** allows to select a color for the column to highlight it
- **Autosize columns** aligns all visible columns by expanding or shrinking them to waste no space but still fully show the content (to resize individual columns, see below)
- **Go to column** opens a popup that lists all columns and jumps to the selected column. Offers the option to search for columns names.

**To sort a table**, the user clicks a column header. The sort direction is indicated by an arrow symbol



the up arrow for ascending order and a down arrow for descending order. To sort across multiple columns, the user must **Shift+Click** each column header, which then displays the current sorting priority: .

**To resize individual columns** the column separator can be dragged to shrink or widen a particular column:



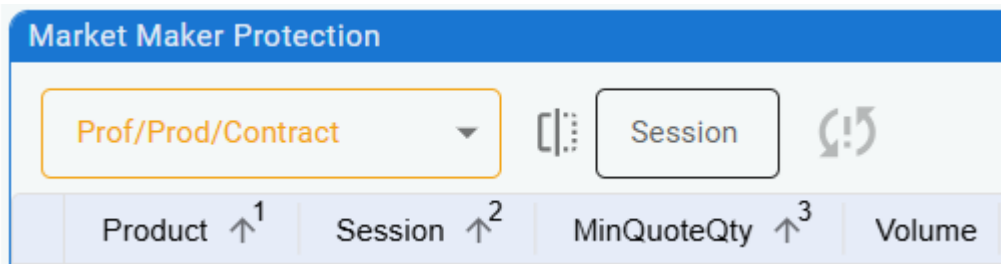
The column separator is shown when the mouse hovers *between* two column headings.

### 2.3.4 View Filter and User Filter

A filter usually consists of one or more entry fields, which are sometimes indicated by a colored frame to indicate that input is mandatory. Only if all the required (mandatory) fields are filled, the inquiry button is enabled. By clicking it or pressing the **Enter** key the data gets inquired. A *require refresh* icon  indicates that the filter input has changed and therefore data need to be inquired again to update the filter set.

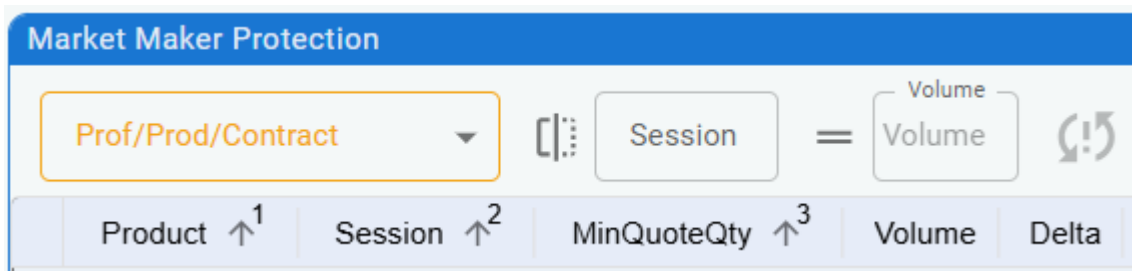
Filter fields that are initially displayed when the view is opened and that cannot be removed are called *View Filter*.

A view usually has one filter row that starts with the fixed *View Filter* fields, followed by the *User Filter*. In below example screenshot the fields **Prof/Prod/Contract** and **Session** are provided as User Filter. **Prof/Prod/Contract** is highlighted as a mandatory filter.



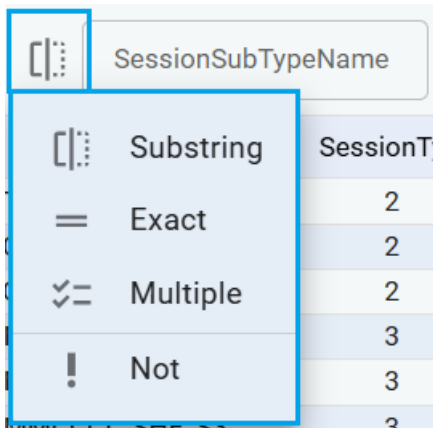
**If a view filter is changed by the user, it will be reset to the default with the next login.** Only changes on user-defined filter will be saved by the Web App.

An user can further refine the data display by adding more filter criteria (= column header) to the view's filter line. The user can add these fields by clicking the table menu icon  within the column header and select **Add to filter** from the drop-down menu. To delete a user filter, click  icon next to the entry field. Unlike User Filters, View Filters cannot be deleted; they can only be reset.



In above example screenshot the *User Filter* is the *Volume* field. Please note the filter operator = to only display records with values that equal the entered number.

**Filter Operators** are used to refine the data that is filtered by a *User filter*. If available, the operator icon sits left of the filter element, easy to spot as an default is always displayed. Depending on the type of the data i.e. numbers or text, the available operators might differ. A click on the default operator shows all available operators for the specific filter element.



Currently the following operators are provided by the Web Apps:

**= Exact:** records exactly matching the filtered value are displayed

**[ ] Substring:** records that contain the filter text are displayed.

**≥ Greater than or equal to:** records where the filtered field is greater than or equal to the filter value are displayed

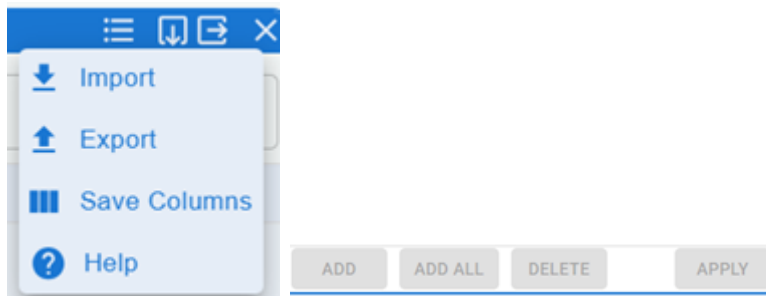
**≤ Less than or equal to:** records where the filtered field is lower than or equal to the filter value are displayed

**≈ Multiple:** allows to select several terms to filter for

**! Not / Negate:** display records where the filter field value is not contained

## 2.4 Common View Actions

All views feature common actions available from the *title bar* and view specific actions from the *button pane* anchored to the bottom of the view.



The **import and export** functions are only enabled if the view supports them. All details, including **import rules**, are described in [Import and Export](#).

**Save columns** allows to persist rearranged columns of a view. The changes apply to the currently open and all newly opened instances of the same view. Instances of the view that were open already before *save columns* was used are not affected.

The **Help** action launches the documentation specific for this view. The whole online help can be launched from the [Web App Menu](#)

The *button pane* provides actions specific to the view's purpose, e.g. Add (risk limits or a user) oder Delete (user made entries). These actions are always described in the specific chapter of the individual view.

### 2.4.1 Import and Export

The table export function is always available to export the current table content of the active view into a csv (comma-separated values) file. The user can choose which rows and columns - visible or selected - to export.

Contrary, the import function is only available on specific views, usually when a lot of data needs to be maintained, like the *Pre-Trade Risk Limits* view. The import expects a file in csv or txt format which need to reflect the columns of the view.

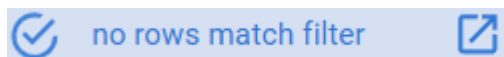
### 2.4.2 Import Rules

- The import expects error-free import files and will break on errors. This is intended to avoid persisting incorrect data on customer side.
- The import file needs to be in the csv or txt format and must contain the correct column names.
- The imported records need to match the current active view filters.

- The login context is considered when importing, e.g. records need to match the trader specific data like Log in name, or User Group.
- Fields which are not editable when importing, are skipped. A information about this appears in the status bar.

### 2.4.3 Status Bar with Message History

The view's status bar displays information resulting from user interaction like inquiring or entering data. As a result of such actions the system will respond with a message indicating the current status of the transaction, whether it was successful:



By clicking the arrow icon  the full message log opens in a separate popup.

## 2.5 User Menu

The user menu provides details related to the user (user group, -level, last login) and the Web App instance (Version, marketplace). Please refer to the screenshot for all user menu items.

|             |                     |
|-------------|---------------------|
| UserID      | AMMCCCLR001         |
| User Group  | MAS                 |
| User Level  | SUPERVISOR          |
| Last Login  | 05.09.2025 15:35:40 |
| Version     | 140.650.000         |
| Marketplace | EUREX               |
| AppType     | Clearer             |
| EnvType     | DEVELOPMENT         |

**Service availability**  
Up and running

 LOGOUT     PIN     CHANGE PASSWORD

The actions of the settings menu are described in the next sub chapters.

### 2.5.1 Logout

Clicking the button immediately logs out the current user without any confirmation needed. On logout the currently open views and user settings (e.g. color theme, MiFID credentials) are saved.

### 2.5.2 PIN

The PIN code is an encrypted four digit code needed when contacting Market Supervision to authorize certain transactions. The *user menu* provides quick access to the logged-in user's PIN, which is a password-protected display.

|             |                     |
|-------------|---------------------|
| UserID      | AMMCCCLR001         |
| User Group  | MAS                 |
| User Level  | SUPERVISOR          |
| Last Login  | 29.08.2025 16:28:40 |
| Version     | 140.640.000         |
| Marketplace | EUREX               |
| AppType     | Clearer             |
| EnvType     | DEVELOPMENT         |

**Service availability**  
Up and running

 **LOGOUT**    **PIN**    **CHANGE PASSWORD**

 **SHOW PIN**

### 2.5.3 Change password

Clicking the button opens the password wizard as a popup window. The user must enter the master password (= existing password) to be able to set a new one.

The requirements for the new password are displayed in the dialog itself.

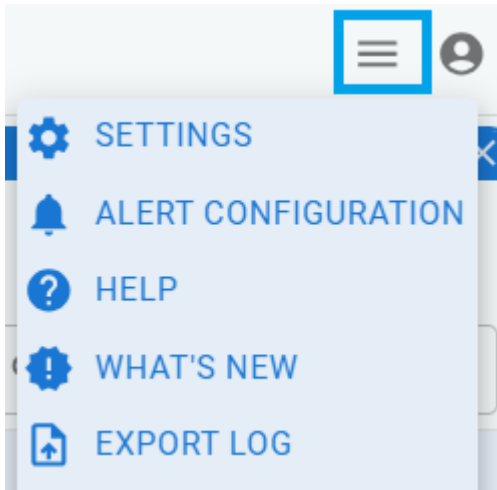
The user can set a new password or use a generated one that is a randomized, strong password (it can be copied to the clipboard). An error is indicated by a blue bubble and an inactive APPLY button:

  **APPLY**    **CANCEL**

By hovering over it, error details are revealed e.g. Passwords do not match. If Apply is enabled and pressed, the user will be logged out immediately.

## 2.6 Application Menu

Preferences valid for the whole Web App are available from the sandwich menu in the upper right corner of the Web App.



From here you can

- [change the Settings of the Web App](#)
- [configure alerts](#)
- [export a log file](#)
- [launch the help for the specific Web App](#)

### 2.6.1 Settings

The following settings can be configured:

- **Theme:** Select one of several color schemes.
- **Prefill:** Define data presets, such as MiFID parameters, for the current user. Views that require these parameters apply them automatically.
- **Alert Position:** Choose where the alert pop-ups appear on the screen. The default is the bottom right corner.

### 2.6.2 Alert Configuration

This feature allows the user to define alerts triggered by specific events, such as breaking news comes in or a trade is executed by a specific user

The **Alert Notification Type** can be a pop-up, an audio signal or both. The **Table** filter lists all views, for which an alert event can be defined. To refine trigger conditions, the user can configure view-specific **Event Filter Fields**. An example is shown below. For details on using and defining filter please refer to [View Filter and User Filter](#).

**Alert configuration** ✕

Define events an audio or visual notification should be triggered for.

New News

DEACTIVATE DELETE

Alert Name \*  
New News

Notification Type \*  
Audio & Popup

Alert Sound  
cheer.wav

Table \*  
News Board

Event Type \*  
Add

Event Filter Fields

Source  
SYSTEM

Alert Popup Fields

Market × Title × Time ×

ADD ALERT SAVE

Finally, the **Alert Popup Fields** control what information is displayed in the alert popup itself. In the above example an alert pop-up will display the **Market**, the **Title** and the **Time** whenever a new **NEWS** arrives.

**A newly defined alert is activated automatically. SAVE is still needed to keep all the changes being made.**

### 2.6.3 Export Log File

In case of problems with the Web App, a log file can be exported and provided to the support team. In the **EXPORT LOG** dialogue simply chose a desired location to save the logfile. It then can be opened with any text editor.

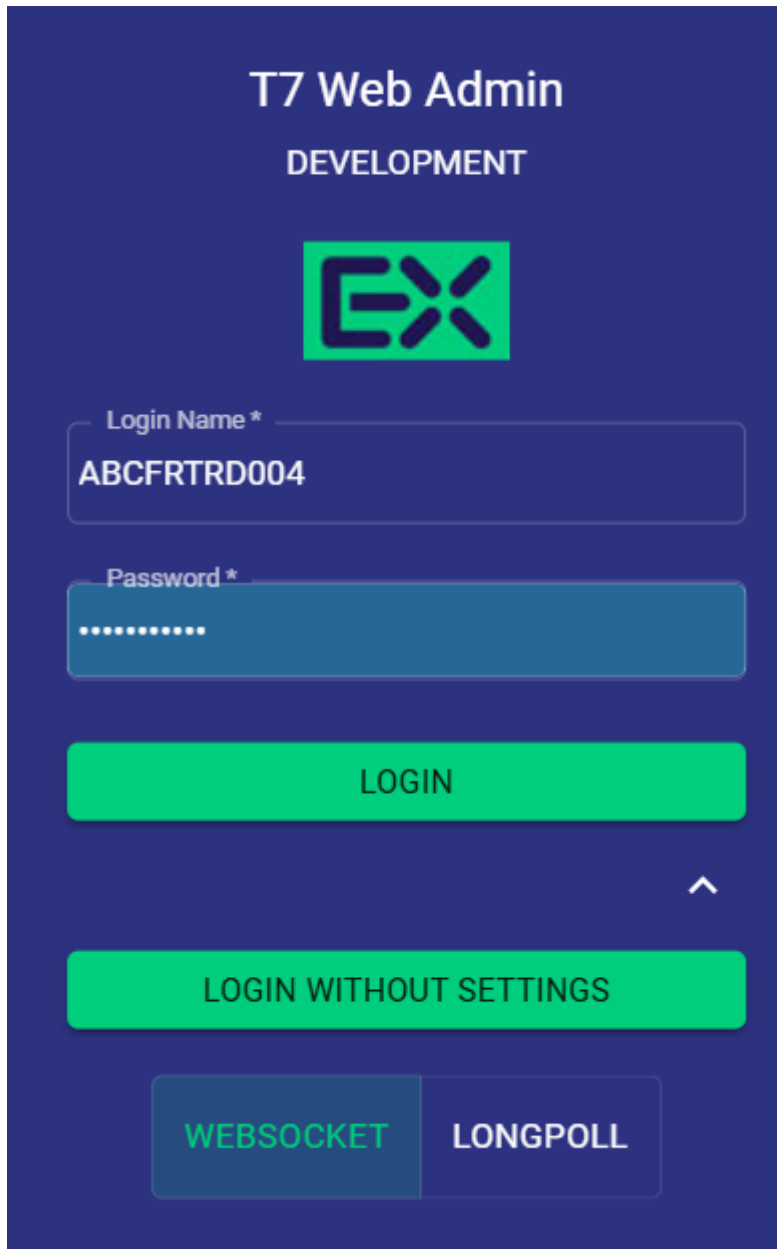
### 2.6.4 Help

This item launches the Web App help in a separate browser tab.

**A context-sensitive (view specific) help is available by selecting the help option from the action menu of the respective view.**

## 2.7 Web App Login

The Web App login window is the first window which is presented to the user on the start of the application. It displays the App name and the specific market logo.



T7 Web Admin  
DEVELOPMENT



Login Name \*  
ABCFRTRD004

Password \*  
.....

LOGIN

^

LOGIN WITHOUT SETTINGS

WEBSOCKET LONGPOLL

To use any Web App the user needs to

- enter the correct login name for the marketplace and password
- choose the correct login options

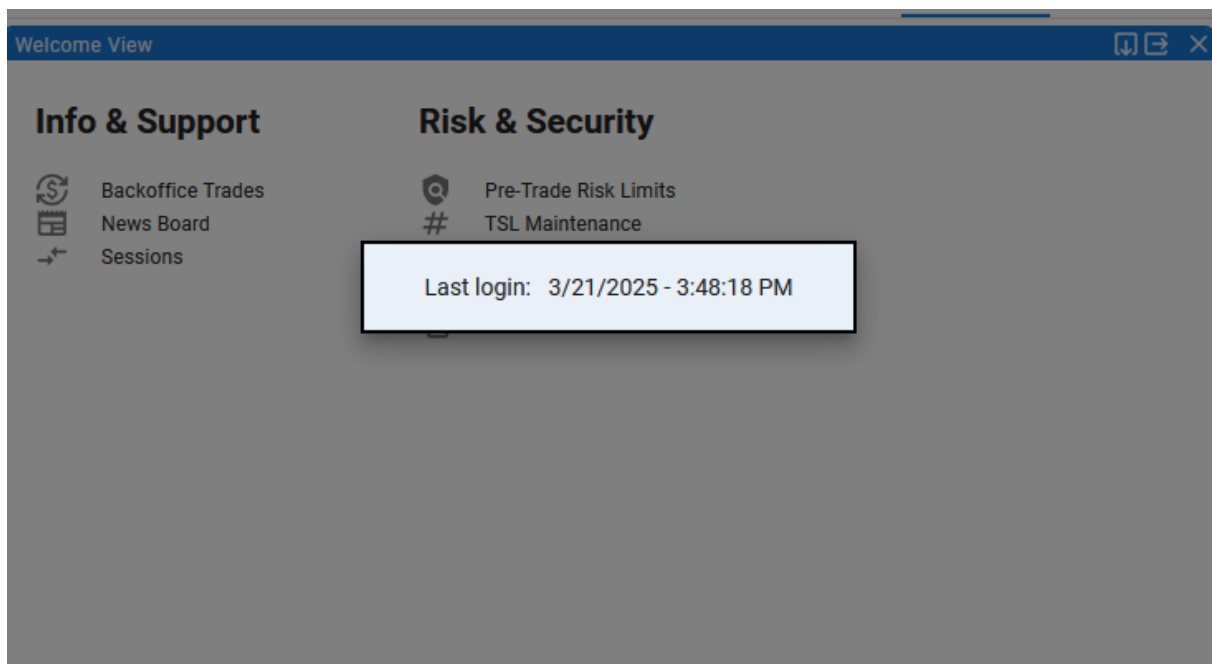
- agree **ONCE** to the use of cookies by accepting the Cookie Consent Message

If an invalid user account is selected for the marketplace, an error message is displayed. Clicking the down arrow displays all available login options.

If a wrong user is used for the market place, an error message will be displayed. All available login options are displayed when the down arrow is clicked (as shown in the above picture). The Cookie Consent Message will not be shown again after it has been accepted by the user.

After the login, the user is greeted with the welcome view (or the last view used) hidden behind a popup displaying last login time of the user.

**Only after a click outside this popup the Web App will become available to use.**



## 2.8 List of Terms and Abbreviations

| Term / Abbreviation      | Explanation                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BU</b>                | The <i>Business Unit</i> is a participant structure that offers a concept for separating lines of business                                                                                                                                                              |
| <b>BTRF</b>              | The <i>Baskets of Equity Total Return Futures</i> can be traded by using the <i>Eurex T7 Entry Services</i>                                                                                                                                                             |
| <b>Context menu</b>      | The context menu appears right next to the mouse pointer when clicking the defined mouse button. Allowing a fast selection out of a distinct set of choices (e.g. quantity, limit)                                                                                      |
| <b>Contract</b>          | Contract is the traditional term of an instrument, tradeable at Eurex. Options series, futures contract and complex instruments are referred to as contracts                                                                                                            |
| <b>Counterparty</b>      | The opposite party in a financial transaction. Normally the counterparty of the buyer of a contract is the seller of that contract. Eurex Clearing AG usually acts as the counterparty for each party of a transaction, thereby removing counterparty risk from members |
| <b>EBB</b>               | The <i>Equity Bespoke Baskets</i> can be traded by using the <i>Eurex T7 Entry Services</i>                                                                                                                                                                             |
| <b>EDC</b>               | The <i>Enhanced Drop Copy</i> feature allows Clearer to request access to the order stream of their associated Non-Clearer Member. Also available for traders within same BU.                                                                                           |
| <b>EEX</b>               | <i>European Energy Exchange</i>                                                                                                                                                                                                                                         |
| <b>EFP Index Futures</b> | <i>Exchange for physicals</i> Index futures, a TES trade type                                                                                                                                                                                                           |
| <b>EFP-Fin</b>           | <i>Exchange for physicals</i> - Financials, a TES trade type                                                                                                                                                                                                            |
| <b>EFS</b>               | <i>Exchange for Swaps</i> , a TES trade type                                                                                                                                                                                                                            |

| Term / Abbreviation         | Explanation                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entitlement Role</b>     | Sets of resources (e.g. authorizations for mass quote, delete all quotes) are combined into logical user roles (e.g. market maker). A set of pre-defined user roles are available to participants for user administration purposes        |
| <b>Filter</b>               | The filter allows the user to display information according to pre-defined criteria                                                                                                                                                       |
| <b>Futures spread (SPD)</b> | This is the simultaneous purchase and sale of two futures contracts of the same security but with different expiration dates. The buyer of the spread combination buys the first component and sells the second component.                |
| <b>Head trader</b>          | Part of a user group that can see and maintain standard orders of all traders in the same user group - if the required entitlements are assigned                                                                                          |
| <b>ID</b>                   | Identification (number)                                                                                                                                                                                                                   |
| <b>Inside Market</b>        | Identical to Top of Book                                                                                                                                                                                                                  |
| <b>Instrument Type</b>      | The instrument type is a grouping of one or more strategy types with specific characteristics per instrument type. This field is present in the <i>Market Maker Protection</i> view and it is used for fine-tuning the protection limits. |
| <b>ISIN</b>                 | 12 digits International Security Identification Number                                                                                                                                                                                    |
| <b>Lean order</b>           | Lean orders are supported on high and low frequency sessions but not on the T7 Web Trader. They are only visible in the current session, and are never persistent.                                                                        |
| <b>Legs</b>                 | The options series and/or future contracts a strategy consists of                                                                                                                                                                         |
| <b>Limit Order</b>          | Bid/ask orders which are to be executed at their specified limit or better                                                                                                                                                                |

| Term / Abbreviation                     | Explanation                                                                                                                                                                                                                                          |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Market Depth</b>                     | Market information which is provided in the Market view, display of the best bid/ask limits with accumulated volumes per single options series or futures contract                                                                                   |
| <b>Market Order</b>                     | Unlimited bid/ask orders                                                                                                                                                                                                                             |
| <b>Market Reset</b>                     | An event where all non-persistent orders and all quotes of a partition are deleted by the system during the online day                                                                                                                               |
| <b>MDI</b>                              | <i>Market Data Interface</i>                                                                                                                                                                                                                         |
| <b>NCM</b>                              | <i>Non Clearing Member</i>                                                                                                                                                                                                                           |
| <b>OET</b>                              | The <i>Optional Early Termination</i> allows to terminate a BTRF basket earlier than its initially defined expiry                                                                                                                                    |
| <b>Order Book</b>                       | Identical to Market Depth                                                                                                                                                                                                                            |
| <b>Persistent/Non-Persistent Orders</b> | Defines whether an order survives system disruptions. Unlike persistent orders, which remain in the order book, non-persistent orders (and all quotes) are automatically deleted during events such as session disconnects or trading interruptions. |
| <b>PSM</b>                              | The <i>Product State Monitor</i> shows an overview of the number of products and instruments for each product- and instrument state, and per "control segment"                                                                                       |
| <b>SMP</b>                              | The <i>Self Match Prevention</i> mechanism blocks unintended self-matching of orders and quotes in the same instrument within a Business Unit (Standard SMP) or across BUs (Market Wide SMP)                                                         |
| <b>Standard order</b>                   | Standard orders provide access to their complete history                                                                                                                                                                                             |

| Term / Abbreviation  | Explanation                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>STP</b>           | Eurex EnLight <i>Straight-Through-Processing</i> , the default workflow for Eurex EnLight. A finalized EnLight Deal automatically results in a legally binding Eurex TES trade which gets automatically approved & executed.                                                                                                                                                  |
| <b>Strategy</b>      | A strategy (or complex instrument) is the combination of several options series or futures contracts, optionally combined with an underlying leg. The elements of a strategy, the contracts, are called <i>strategy legs</i> . Strategies with an underlying leg are called <i>volatility strategy</i>                                                                        |
| <b>Strategy Type</b> | Supported strategy types include, but are not limited to, the following: <ul style="list-style-type: none"><li>• Futures Spreads (SPD, BSPD)</li><li>• Futures Strips</li><li>• Standard Options Strategy (SOS)</li><li>• Volatility Options Strategy (OVS)</li><li>• Non-standard Options Strategy (NOS)</li><li>• Non-standard Options Volatility Strategy (NOVS)</li></ul> |
| <b>Supervisor</b>    | The supervisor user level may see and maintain orders of all users of the same Business Unit - granted, that the required entitlements are assigned                                                                                                                                                                                                                           |
| <b>TES</b>           | The <i>Eurex T7 Entry Services</i> enable traders to enter several variants of pre-arranged off-book trades by using the respective views of the T7 Web Trader.                                                                                                                                                                                                               |
| <b>Top of Book</b>   | Overview in which the best bid and best ask limits with accumulated volumes of the order book are displayed                                                                                                                                                                                                                                                                   |
| <b>Trade</b>         | Defines the result of an order or quote match                                                                                                                                                                                                                                                                                                                                 |

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| Term / Abbreviation     | Explanation                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Trader</b>           | A trader is an individual admitted for trading at the exchange. Unlike a head trader and supervisor, a regular trader cannot see the orders or trades of other traders from the same user group. If displayed in views, Trader refers to the <i>User Name</i> of the <i>Exchange Account</i> for the respective system. |
| <b>Trading Capacity</b> | A property of orders and trades that is reported to regulation authorities (MiFIDII). This field is usually not displayed, but several views using the value of the <i>Account</i> field to fill the trading capacity.                                                                                                  |
| <b>TSL</b>              | The <i>Transaction Size Limit</i> is the overall term for a maximum order quantity limit of a given product for on-book and off-book transactions. The quantity of an order or TES transaction is limited to this value. A dedicated view allows to define TSL figures.                                                 |
| <b>User Group</b>       | An administrative classification to organize traders within a Business Unit. Assigned during user setup, a user group enables administrators to set shared parameters, such as Pre-Trade Risk Limits or Transaction Size Limits, across multiple users.                                                                 |
| <b>User Level</b>       | Every user is assigned exactly one user level: Trader, Head Trader, or Supervisor. While users enter their own orders, their user level determines which orders (and trades) they are authorized to view and act on.                                                                                                    |

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## 2.9 References

The following documents provide additional information to complement this manual:

- Functional and Interface Overview
- Eurex Trader, Admin and Clearer GUI - Installation Manual
- Eurex Exchange's T7 Participant and User Maintenance Manual
- Functional Reference
- Eurex Enhanced Trading Interface - Manual

For a comprehensive list of the Eurex Exchange's T7 documentation, refer to [Eurex.com](https://www.eurex.com)

## 3 Admin Views: Config and Setup

### 3.1 TES Auto Approval Rules

This view allows participants to define specific data to have TES trades approved automatically. The basis are a set of data attributes which form the selection key.

#### 3.1.1 View Details

A TES Auto Approval Rule functionally consists of these parts:

- unique name of the rule
- selection key with mandatory approval fields
- optional approval fields to refine a rule

| RuleID | RuleName      | TESType | InstrumentType    | Product | InitiatingUser | ExeQual | User        | MarketGroup | ClientID | ExelID | Text1       | Text2 | Text3 | InviD | InvQual | LiPriv | O/C |
|--------|---------------|---------|-------------------|---------|----------------|---------|-------------|-------------|----------|--------|-------------|-------|-------|-------|---------|--------|-----|
| 94     | 19            |         | FUTURES_SPREAD    |         | AAAAATRD009    | HUMAN   | ABCFRTRD006 | FB EUY      |          | 999    | ABCFR_AAR_6 |       |       | 999   | ALGO    |        | O   |
| 95     | 20            |         | SIMPLE_INSTRUMENT |         | TSTFRTRD005    | ALGO    | ABCFRTRD007 | CR EUY      |          | 23     | ABCFR_AAR_7 |       |       | 23    | ALGO    |        | O   |
| 96     | 23            |         | SIMPLE_INSTRUMENT |         | ABCFRTRD001    | ALGO    | ABCFRTRD002 | EUREX       | 113241   | 111    | ABCFR_AAR_2 |       |       | 7     | HUMAN   |        | O   |
| 97     | 24            |         | FUTURES_SPREAD    |         | TSTFRTRD005    | ALGO    | ABCFRTRD005 | EUREX       | 113244   | 112    | ABCFR_AAR_3 |       |       | 7     | HUMAN   |        | O   |
| 98     | 26            |         |                   |         | ABCFRTRD008    | HUMAN   | ABCFRTRD004 | EUREX       | 113243   | 999    | ABCFR_AAR_5 |       |       | 7     | HUMAN   |        | C   |
| 99     | 27            |         | FUTURES_SPREAD    |         | TSTFRTRD005    | HUMAN   | ABCFRTRD006 | FB EUY      |          | 999    | ABCFR_AAR_6 |       |       | 999   | ALGO    |        | O   |
| 100    | 28            |         | SIMPLE_INSTRUMENT |         | ABCFRTRD009    | HUMAN   | ABCFRTRD007 | CR EUY      |          | 999    | ABCFR_AAR_7 |       |       | 999   | ALGO    |        | O   |
| 92     | AAR_SIMPLE    | BLOCK   | SIMPLE_INSTRUMENT | ODAX    | AAAAATRD005    | ALGO    | ABCFRTRD002 | IN EUY      | 33241    | 31     | ABCFR_AAR_2 |       |       | 7     | HUMAN   |        | O   |
| 91     | AAR_14        |         |                   |         | ABCFRTRD005    | HUMAN   | ABCFRTRD001 | EUREX       |          | 999    | ABCFR_AAR_1 |       |       | 999   | ALGO    |        | O   |
| 93     | AAR_18        |         |                   |         | TSTFRTRD005    | HUMAN   | ABCFRTRD004 | EUREX       | 33243    | 999    | ABCFR_AAR_5 |       |       | 7     | HUMAN   |        | O   |
| 90     | AUTOMATCH ... |         |                   |         | TSTFRTRD001    | HUMAN   | ABCFRTRD001 | IN EUN      | 543      | 834    |             |       |       | 123   | HUMAN   |        | O   |
| 101    | TRD6_MM       |         | SIMPLE_INSTRUMENT |         | TSTFRTRD009    | ALGO    | ABCFRTRD005 | EUREX       |          | 112    | ABCFR_MM_1  |       |       | 999   | ALGO    |        | O   |

#### 3.1.1.1 Mandatory and Optional Attributes

The selection key consists of mandatory and optional attributes for specifying the rule. If an optional attribute is specified, the approval rule has an higher priority to be matched than the same rule without this attribute.

The *mandatory* attributes are listed below. They are highlighted in the Web App during editing.

- **RuleName:** unique name of the Auto Approval Rule
- **User ID:** The approving user for whom the record is present
- **Initiating User Name:** Login name of the initiating user
- **MarketGroup (Mandatory):** Identifier of the market wide group

- **O/C**
- **Act**

Mandatory due to MiFIDII regulation are

- **ExeQual:**

The *Executing Trader Qualifier* determines the business logic of execution decision:  
*ALGO* if the Execution Qualifier represents an algorithmic identifier or *HUMAN* otherwise.  
The value can be defined in the **Settings** menu.

- **ExeID:**

The numeric *Execution Identifier* identifies a person or algorithm responsible for executing a transaction within the company. In EUREX usually mandatory. The value can be defined in the **Settings** menu.

0 is not a valid value

- **InvQual:**

The *Investment Qualifier* determines the business logic of an investment decision:  
*ALGO* if the *Investment Qualifier* represents an algorithmic identifier or *HUMAN* otherwise.  
The value can be defined in the **Settings** menu.

- **InvID:**

The numeric *Investment Identifier* identifies a person or algorithm responsible for an investment decision within a company. The value can be defined in the **Settings** menu.

0 is not a valid value

The optional attributes are listed in order of matching priority from high to low, e.g. the **Enrichment Rule ID** has the lowest priority among other specified attributes.

- **Product ID (Optional)** - if a product is provided the rule has a higher priority than a rule without a product for the same market / product assignment group.
- **TES Type (Optional)**
- **Instrument Type (Optional)**
- **Enrichment Rule ID (Optional)** - approver side can specify it in its rules and initiator can provide an enrichment key in TES Trade Entry (unique in context of approving user)

### 3.1.1.2 Approval Fields

The approval fields consisting of Clearing and MiFID fields are additional criteria fields. Therefore, the initiator is able to define clearing and MiFID data which gets automatically applied if the Auto Approval Rule is matching during TES entry.

**When defining a rule, the system validates dependent approval fields. For example, if the Trading Capacity is set to Agency, the Client Identifier becomes mandatory.**

### 3.1.2 Columns Description

| Column         | Description                                                                                                                                                                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Act            | Also known as <i>TradingCapacity</i><br>Example for valid values: Agency, Proprietary, Market Making, Riskless Principle                                                                                                                                                                                                                 |
| CHdg           | <i>IsCommodity Hedging</i> Indicates whether the trade is executed for hedging purposes <i>valid values provided on double-click</i>                                                                                                                                                                                                     |
| ClientID       | Numeric code to identify the client of the member of the Trading Venue. Serves as a reference to the 35 characters long ESMA Client Identification Code.<br>In EUREX it must be empty for P/M accounts and is usually mandatory for account types A/G/'Flex' (for G only if Trading Capacity='AGENCY').<br><b>0 is not a valid value</b> |
| DEA            | Direct Electronic Access flag <i>valid values provided on double-click</i>                                                                                                                                                                                                                                                               |
| EndClientToken | Identifies the beneficial owner (end client) of a transaction which is facilitated via ORS (Order Routing Service) or DMA (Direct Market Access).                                                                                                                                                                                        |

| Column         | Description                                                                                                                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EnrRuleID      | Unique <i>Enrichment rule ID</i> for TES approval                                                                                                                                                                                                                |
| ExeID          | The numeric <i>Execution Identifier</i> identifies a person or algorithm responsible for executing a transaction within the company. In EUREX usually mandatory. The value can be defined in the <b>Settings</b> menu.<br><b>0 is not a valid value</b>          |
| ExeQual        | The <i>Executing Trader Qualifier</i> determines the business logic of execution decision:<br><i>ALGO</i> if the Execution Qualifier represents an algorithmic identifier or <i>HUMAN</i> otherwise. The value can be defined in the <b>Settings</b> menu.       |
| InitiatingUser | LoginName of the initiating user - of a possibly different BU -                                                                                                                                                                                                  |
| InstrumentType | Type of (complex) instrument, e.g.<br>FUTURE_SPREAD, FLEXIBLE_INSTRUMENT                                                                                                                                                                                         |
| InvID          | The numeric <i>Investment Identifier</i> identifies a person or algorithm responsible for an investment decision within a company. The value can be defined in the <b>Settings</b> menu.<br><b>0 is not a valid value</b>                                        |
| InvQual        | The <i>Investment Qualifier</i> determines the business logic of an investment decision:<br><i>ALGO</i> if the <i>Investment Qualifier</i> represents an algorithmic identifier or <i>HUMAN</i> otherwise. The value can be defined in the <b>Settings</b> menu. |
| LiPrv          | This flag indicates that an order/transaction is submitted as part of a market making strategy<br><i>valid values provided on double-click</i>                                                                                                                   |
| MarketGroup    | Specific market group like BN EUY                                                                                                                                                                                                                                |

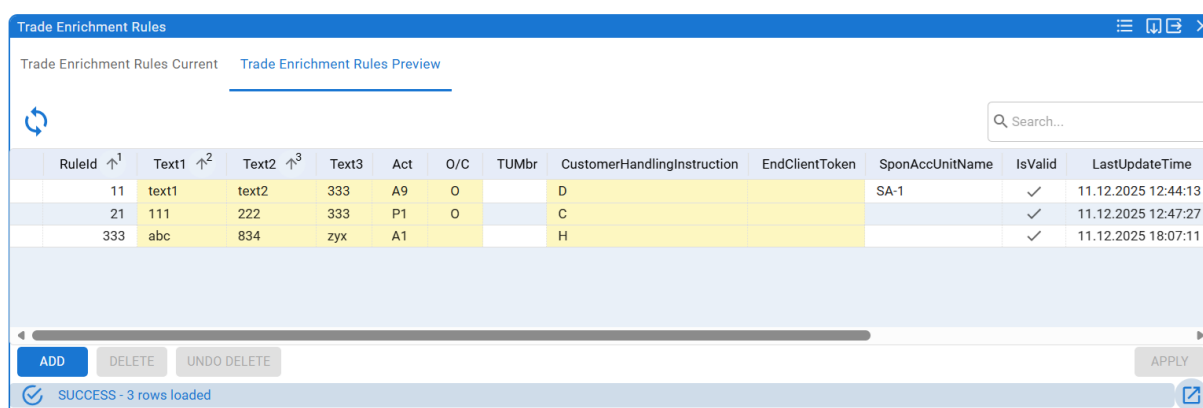
| Column              | Description                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MaxPrcDeviation     | Defines the range a TES trade price is allow to deviate from last onbook trade price. Percentage or absolute value depending on the specified <i>MaxPrcDeviationUnit</i>                        |
| MaxPrcDeviationUnit | Unit of the price deviation, PERCENTAGE or ABSOLUTE                                                                                                                                             |
| MaxTrdQty           | <i>Maximum trade quantity</i> for which the rule is applied                                                                                                                                     |
| O/C                 | Open or Closing indicator of a position.<br>Indicates whether the trade is opening or closing a position                                                                                        |
| OCC                 | <i>Origin Country Code</i>                                                                                                                                                                      |
| Product             | Product name                                                                                                                                                                                    |
| RateID              | <i>Customer Handling instruction</i> or <i>RateID</i><br>identifies the source of a (TES) trade, in accordance with the FIA guidelines for a rate identifier. Valid values are listed in popup. |
| RegInfo             | <i>Regulatory Info</i> or Compliance Text. <i>This field maps to the FIX tag ComplianceText/2404</i>                                                                                            |
| RuleID              | Unique numeric Rule Identifier of the Auto Approval rule<br><i>Display only</i>                                                                                                                 |
| RuleName            | Name of the Auto Approval Rule                                                                                                                                                                  |
| TESType             | Type of TES Trade, e.g. BLOCK                                                                                                                                                                   |
| Text1               | Free format text field 1                                                                                                                                                                        |
| Text2               | Free format text field 2                                                                                                                                                                        |
| Text3               | Free format text field 3                                                                                                                                                                        |
| TUMbr               | Short name of the Take-up member - used only for G2 account                                                                                                                                     |
| User                | User name of the approving user for whom the record is present                                                                                                                                  |

## 3.2 Trade Enrichment Rules

This view allows the administrator to define and maintain *Trade Enrichment Rules* that are used to add the missing clearing fields of trades resulting from executed orders and quotes during the trade enrichment process of the trade manager.

### 3.2.1 View Details

The view contains two tabs - the *Trade Enrichment Rules Current* and the *Trade Enrichment Rules Preview* tab. The former displays the currently active rules, and the latter allows adding and maintaining rules. Both actions become active on the next trading day.



| RuleId | Text1 | Text2 | Text3 | Act | O/C | TUMbr | CustomerHandlingInstruction | EndClientToken | SponAccUnitName | IsValid | LastUpdateTime      |
|--------|-------|-------|-------|-----|-----|-------|-----------------------------|----------------|-----------------|---------|---------------------|
| 11     | text1 | text2 | 333   | A9  | O   |       | D                           |                | SA-1            | ✓       | 11.12.2025 12:44:13 |
| 21     | 111   | 222   | 333   | P1  | O   |       | C                           |                |                 | ✓       | 11.12.2025 12:47:27 |
| 333    | abc   | 834   | zyx   | A1  |     |       | H                           |                |                 | ✓       | 11.12.2025 18:07:11 |

### 3.2.2 Logic of Trade Enrichment Rules

When an order or quote is executed, the system will use the Trade Enrichment RuleID to look up the rule. If a rule has been found the corresponding data set is added to the trade information that is sent to the clearing system.

Trade enrichment will be done by the T7 trade manager and will be supplied on the trade confirmation to participants (not on the execution information from the matching engine).

### 3.2.3 Setting Up Trade Enrichment Rules

As mentioned, changes of Trade Enrichment Rules are made on the *Preview* tab. Updates take effect on the next business day only. To ADD or DELETE a rule, the action buttons are used. To EDIT an

existing rule, simply double-click in the cell that should be changed. Every enrichment rule is identified by a participant-defined RuleId, ranging from 1 to 10,000. Other mandatory fields are indicated during entry in the Eurex Web Admin..

When setting up a Trade Enrichment Rule, some fields are mandatory:

- the **Trade Enrichment RuleId**
- CustomerHandlingInstruction
- at least one of the fields Text1, Text2, Text3

The following fields are optional:

- Clearing Account
- Open/Close Indicator
- Take-Up Member
- End Client Token (to identify an end client of a transaction which is facilitated via ORS (Order Routing System) or DEA (Direct Electronic Access))
- Sponsored Access Unit Name (to identify a Sponsored Access Unit in trades)

The following fields are not in use by T7 currently (the columns are hidden) and are listed for completeness / historic reasons:

- Cooperation Partner (to define cooperation details with an external exchange)
- External Member ID
- Beneficiary Account

Users of ETI will specify the exact Trade Enrichment Rule to be used at the time of execution of the quote or order entered using the short layout. If the Trade Enrichment Rule is missing or not valid, the clearing system will assign defaults, according to a pre-defined logic. The default rules for the clearing account are described in the separate document "Functional and Interface Overview".

### 3.2.4 Columns Description

| Column                      | Description                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Act                         | Account                                                                                                                                                                                         |
| CustomerHandlingInstruction | <i>Customer Handling instruction</i> or <i>RateID</i><br>identifies the source of a (TES) trade, in accordance with the FIA guidelines for a rate identifier. Valid values are listed in popup. |

| Column       | Description                                                                             |
|--------------|-----------------------------------------------------------------------------------------|
| EntityStatus | Status of change for this data record e.g.<br>ACTIVE, PENDING_CREATE,<br>PENDING_DELETE |
| LstUpdBy     | Loginname of the user who performed the last<br>update                                  |
| LstUpdTime   | Date and time of the last update                                                        |
| O/C          | Open or Closing indicator of a position.                                                |
| RuleID       | Unique numeric Rule Identifier                                                          |
| SpAUnit      | Name of the <i>Sponsored Access</i> Business unit                                       |
| Text1        | Free format text field 1                                                                |
| Text2        | Free format text field 2                                                                |
| Text3        | Free format text field 3                                                                |
| TUMbr        | Short name of the Take-up member - used only<br>for G2 account                          |

### 3.3 Eurex EnLight Compliance Parameters

This view allows an administrator to configure the *Eurex EnLight compliance parameter* to adhere to the compliance policy of the Business Unit.

#### 3.3.1 View Details

When the view is opened the current set of compliance parameter is displayed. Changes can be done by clicking in the respective cell, enter the data or select from the drop down list where applicable.

**The changes are effective for all negotiations which are started *after* the new parameter settings have been applied.**

| AllowedType | MinQuoteCount | RespondentsCountDisclosure | MinWaitTime | SideDisclosure | QtyDisclosure | EnableChat |
|-------------|---------------|----------------------------|-------------|----------------|---------------|------------|
| ALL_TYPES   | 1             | SHOW_TO_ALL_OR_NONE        | 0           | SHOW_TO_SOME   | SHOW_TO_SOME  | ✓          |

APPLY

SUCCESS - 1 rows loaded

### 3.3.2 Compliance Parameter - Valid Values

Most of the compliance parameter are controlled by the following few valid values:

| Value                      | Meaning                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>SHOW_TO_ALL</b>         | Show the corresponding parameter to all involved users                                      |
| <b>SHOW_TO_ALL_OR_NONE</b> | Show the corresponding parameter either to all or to none of the involved users             |
| <b>SHOW_TO_SOME</b>        | Show the corresponding parameter to some involved users, i.e. no validation for NONE or ALL |

### 3.3.3 Available Actions

| Action       | Description                  |
|--------------|------------------------------|
| <b>APPLY</b> | Apply the changes being made |

### 3.3.4 Columns description

| Column                      | Description                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AllowedType                 | Allowed Type of a Eurex EnLight Negotiation Event (FIRM,INDICATIVE, BOTH) which is allowed to the requester of a BU.                                                                                                                                                                                                                                                                                             |
| EnableChat                  | If ticked, BU is allowed to use the Chat functionality                                                                                                                                                                                                                                                                                                                                                           |
| MinQuoteCount               | An Eurex EnLight <b>Deal</b> can only be entered if the number of quotes present in the negotiation on the opposite side of the order are greater than or equal to MinQuoteCount. Only the recent quote of every respondent is considered. The count validation takes place only if validating of MinWaitTime has failed. If MinQuoteCount is not set for the BU of the requester then the validation is skipped |
| MinWaitTime                 | An Eurex EnLight <b>Deal</b> can only be entered if the difference between the negotiation start time and current system time is greater than or equal to MinWaitTime                                                                                                                                                                                                                                            |
| QtyDisclosure               | Controls disclosure of the quantity of a Negotiation Event                                                                                                                                                                                                                                                                                                                                                       |
| RespondentsCount Disclosure | Controls disclosing number of respondents to all or some or none of the respondents                                                                                                                                                                                                                                                                                                                              |
| SideDisclosure              | Controls the disclosure of the buy / sell side of a Negotiaton Event                                                                                                                                                                                                                                                                                                                                             |

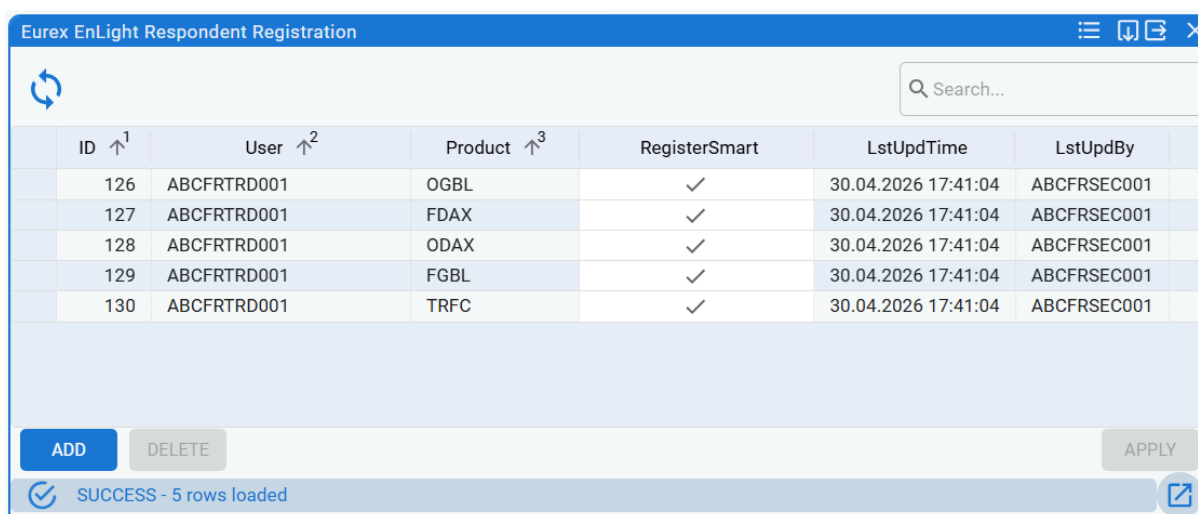
### 3.4 Eurex Enlight Respondent Registration

This view allows an administrator to add users from the own Business Unit as a registered Eurex EnLight respondent - with a non-mandatory opt-in as a smart respondent.

### 3.4.1 View Details

When the view is opened, the existing respondents are displayed. ADD or DELETE is possible via the action buttons. For a given product, only one trader of a Business Unit can be registered. For every product it must be a different trader.

**When registering smart respondents a legal notice needs to be acknowledged before being able to submit the changes being made.**



| ID  | User        | Product | RegisterSmart | LstUpdTime          | LstUpdBy    |
|-----|-------------|---------|---------------|---------------------|-------------|
| 126 | ABCFRTRD001 | OGBL    | ✓             | 30.04.2026 17:41:04 | ABCFRSEC001 |
| 127 | ABCFRTRD001 | FDAX    | ✓             | 30.04.2026 17:41:04 | ABCFRSEC001 |
| 128 | ABCFRTRD001 | ODAX    | ✓             | 30.04.2026 17:41:04 | ABCFRSEC001 |
| 129 | ABCFRTRD001 | FGBL    | ✓             | 30.04.2026 17:41:04 | ABCFRSEC001 |
| 130 | ABCFRTRD001 | TRFC    | ✓             | 30.04.2026 17:41:04 | ABCFRSEC001 |

ADD DELETE APPLY

✓ SUCCESS - 5 rows loaded

### 3.4.2 Available Actions

| Action        | Description                  |
|---------------|------------------------------|
| <b>ADD</b>    | Add a new record             |
| <b>DELETE</b> | Delete an existing record    |
| <b>APPLY</b>  | Apply the changes being made |

### 3.4.3 Columns description

| Action        | Description                                                      |
|---------------|------------------------------------------------------------------|
| ID            | Numeric identifier<br><i>Display only</i>                        |
| User          | Login name of the user who should become a registered respondent |
| Product       | Derivative product for which the user should be registered       |
| RegisterSmart | Register trader as smart respondent                              |
| LstUpdTime    | Time stamp of last update                                        |
| LstUpdBy      | Trader ID who did the last update                                |

### 3.5 Eurex EnLight TRR Threshold List

This view allows the administrator to specify users from the own Business Unit who do not want to take part in Eurex EnLight anonymous negotiations.

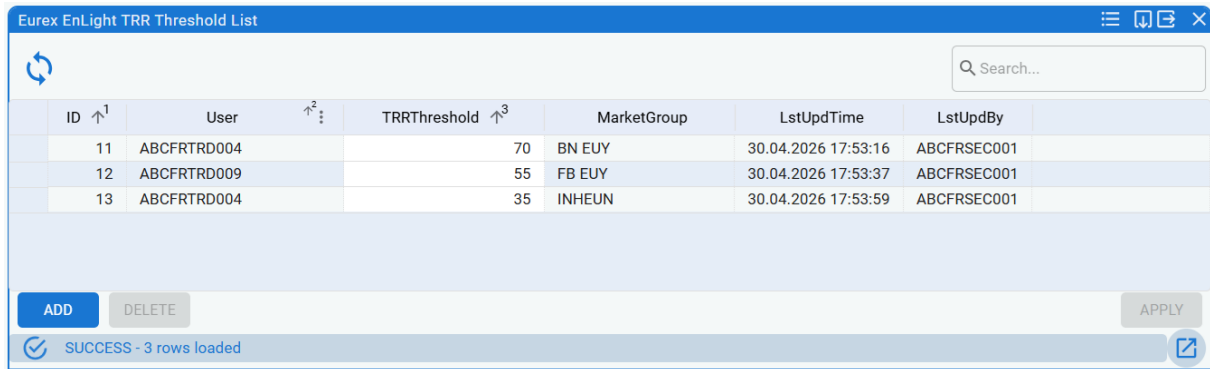
#### 3.5.1 View Details

When the view is opened, the existing TRR (Trade to Request Ratio) threshold figures are displayed. When specifying the threshold the administrator needs to consider the impact of certain values as follows:

- A `TRRThreshold` with no value **blocks all anonymous RFQs** for the specified user.
- A `TRRThreshold` with a specific value **blocks all anonymous RFQs** if the requester's TRR value **is below the entered TRRThreshold**.

For any requester of an Eurex EnLight Negotiation the `TRRThreshold` figure is getting calculated based on the historical behavior to trade based on the quotes received.

**Rather than defining a single product, a `MarketGroup` needs to be specified for which the opt-out should be effective.**



| ID | User        | TRRThreshold | MarketGroup | LstUpdTime          | LstUpdBy    |
|----|-------------|--------------|-------------|---------------------|-------------|
| 11 | ABCFRTRD004 | 70           | BN EUY      | 30.04.2026 17:53:16 | ABCFRSEC001 |
| 12 | ABCFRTRD009 | 55           | FB EUY      | 30.04.2026 17:53:37 | ABCFRSEC001 |
| 13 | ABCFRTRD004 | 35           | INHEUN      | 30.04.2026 17:53:59 | ABCFRSEC001 |

ADD DELETE APPLY

✓ SUCCESS - 3 rows loaded

### 3.5.2 Available Actions

| Action        | Description                  |
|---------------|------------------------------|
| <b>ADD</b>    | Add a new threshold list     |
| <b>DELETE</b> | Delete a threshold list      |
| <b>APPLY</b>  | Apply the changes being made |

### 3.5.3 Columns description

| Column      | Description                               |
|-------------|-------------------------------------------|
| ID          | Numeric identifier<br><i>Display only</i> |
| LastUpdBy   | Trader ID who did the last update         |
| LstUpdTime  | Time stamp of last update                 |
| MarketGroup | Market group symbol                       |

| Column       | Description                                                                                                                                       |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| TRRThreshold | <i>Trade to Request Ratio</i> threshold - if the requester's TRR is below this threshold, an anonymous RfQ will be blocked for the specified user |
| User         | Login name of the user the blacklist applies to                                                                                                   |

### 3.6 EDC Access Requests

This two-tabbed view allows administrator to approve and revoke requests to enable or disable order broadcasts sharing using the Enhanced Drop Copy interface.

#### 3.6.1 View Details

The view contains two tabs - the *EDC Access Requests* **Current** and the *EDC Access Requests* **Preview**. The former displays the currently established requests while the latter is used to approve or revoke access to a specific order stream.

To grant access the administrator needs to execute the following steps:

- select the desired record(s)
- click the APPROVE button
- read and acknowledge the *Legal Information* details
- click the APPLY button

Revoking an already approved request works in a similar way - without the need to acknowledge a Legal Information popup.

### 3.6.2 Valid Status Values

The status of an EDC request can have the following values:

- PENDING\_APPROVAL - waiting for approval from NCM;
- APPROVAL\_GRANTED - approval has been granted by the NCM - the request becomes ACTIVE the next day;
- ACTIVE - the EDC Request is active, i.e. data could be received (if all technical requirements are fulfilled)

### 3.6.3 Available Actions - Preview Tab

| Action             | Description                                  |
|--------------------|----------------------------------------------|
| <b>APPROVE</b>     | Prepare to approve the selected EDC request. |
| <b>REVOKE</b>      | Prepare to revoke the selected EDC request.  |
| <b>UNDO REVOKE</b> | Prepare to undo a previous revoke action.    |
| <b>APPLY</b>       | Submits the prepared actions.                |

### 3.6.4 Columns Description

The following table describes the columns for both tabs of the view.

| Column            | Description                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------|
| ClrgBU            | Name of the clearing BU                                                                                           |
| LstUpdBy          | Username who performed the last update                                                                            |
| LstUpdTime        | Day and time of the last update                                                                                   |
| MarkedForDeletion | If checked, the configuration will be deleted<br>(becomes effective the next business day)<br><i>Display only</i> |
| RequestStatus     | Current status of the EDC request (see <a href="#">Valid status values</a> )                                      |
| TradingBU         | Name of the Trader BU                                                                                             |

### 3.7 EDC Session Configuration

This view allows the authorized administrator to setup EDC session configuration(s) for which the order broadcast will be shared. The administrator of a SpA Provider can configure one or more EDC sessions to monitor the trading activity of their SpA units. An active EDC session configuration can be disabled or fully deleted.

#### 3.7.1 View Details

The view contains two tabs - the *EDC Session Configuration Current* and the *EDC Session Configuration Preview* tab.

The former tab displays the currently active session configurations while the latter allows to add sessions which then become active on the next trading day. New records can also be imported via the view's import function by clicking the settings icon  and choosing IMPORT.

| EDCSessionID <sup>1</sup> | SharingBusinessUnit <sup>2</sup> | ActivationDate <sup>3</sup> | Disable | MarkedForDeletion | LastUpdatedByLoginName | LastUpdateTime       | IsActive |
|---------------------------|----------------------------------|-----------------------------|---------|-------------------|------------------------|----------------------|----------|
| 200889410                 |                                  | 18.12.2013                  | ×       | ×                 | SYSTEMUSER             | 13.08.2024, 16:54:52 | ✓        |
| 200889410                 |                                  | 18.12.2013                  | ×       | ×                 | SYSTEMUSER             | 28.08.2024, 11:20:30 | ✓        |
| 200889410                 |                                  | 18.12.2013                  | ×       | ×                 | SYSTEMUSER             | 28.08.2024, 11:20:30 | ✓        |
| 200889411                 |                                  | 18.12.2013                  | ×       | ×                 | SUPERSPV001            | 28.08.2024, 11:21:17 | ✓        |
| 200889411                 |                                  | 18.12.2013                  | ×       | ×                 | SUPERSPV001            | 28.08.2024, 11:21:32 | ✓        |
| 200889411                 |                                  | 18.12.2013                  | ×       | ×                 | SUPERSPV001            | 28.08.2024, 11:21:46 | ✓        |

ADD DELETE UNDO DELETE APPLY

SUCCESS - 6 rows loaded

An administrator can configure an EDC session to be shared with a dedicated BU.

The administrator of a SpA Provider can monitor the trading activity of a SpA Unit by configuring a dedicated EDC session by filling the `SharingSpAUnit` field.

When a trading session (defined in the Sponsored Access view's wizard) is linked to a SpA provider's EDC session, trading can start only once that EDC session is connected.

An automatic trading stop can be configured if an EDC session disconnects. To enable this, set the field `ActionOnSessionDisconnect` to `STOP`. If the last EDC session for the same SpA unit is disconnected, all non-persistent orders of the SpA unit **are canceled** and trading is stopped. To avoid this behaviour, set `ActionOnSessionDisconnect` to `NONE`.

An active session configuration (i.e. the order broadcast) can be disabled or fully deleted. A deletion by mistake may be revoked by `Undo Delete`. A deletion of a configuration created on the same day will be removed instantly from the view. Otherwise, the flag `MarkedForDeletion` is set and indicates the pending deletion operation (becomes effective the next day).

### 3.7.2 Available Actions - Preview Tab

| Action             | Description                                                    |
|--------------------|----------------------------------------------------------------|
| <b>ADD</b>         | Add a session for which an EDC order stream is being requested |
| <b>DELETE</b>      | Delete the selected record                                     |
| <b>UNDO DELETE</b> | Prepare to undo a submitted delete operation                   |
| <b>APPLY</b>       | Submits the prepared actions                                   |

### 3.7.3 Columns Description

The following table describes the columns for both tabs of the view.

| Column                    | Description                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------|
| ActionOnSessionDisconnect | Specifies whether to halt trading and delete all non-persistent orders for a SpA unit if an EDC session disconnects |
| ActivationDate            | Date at which session configuration changes will become effective.                                                  |
| Disable                   | Flag to disable/enable the EDC configuration.                                                                       |
| EDCSessionID              | Valid EDC Session ID to be configured.                                                                              |
| IsActive                  | The flag indicates whether the EDC order broadcasts can be consumed                                                 |
| LstUpdBy                  | Username who performed the last update.                                                                             |
| LstUpdTime                | Day and time of the last update.                                                                                    |
| MarkedForDeletion         | If checked, the configuration will be deleted (becomes effective the next business day)<br><i>Display only</i>      |
| SharingBU                 | BU name that is sharing the EDC order stream.                                                                       |
| SharingSpAUnit            | Sponsored Access Unit name that is sharing the EDC order stream                                                     |

### 3.8 Sponsored Access

This view allows authorized administrators of a Sponsored Access provider to assign SpA users to dedicated SpA Units. The [view's wizard](#) supports the administrator throughout the configuration process.

### 3.8.1 View Details

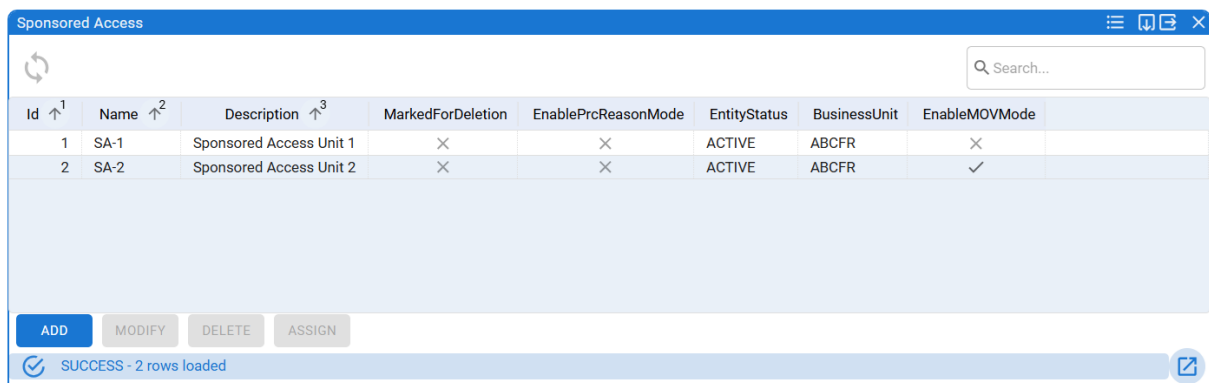
When the view is opened, all available units are displayed. The view allows to Add and Delete a Sponsored Access Unit.

To start modifying existing data, double-click the cell or simply start typing.

The Assign action opens the *Sponsored Access* wizard to assign SpA user(s) and a session to the selected SpA Unit.

To Delete a SpA unit it must not contain any sessions. Also, all contained traders must have been completely deleted before (using *User Maintenance*).

**Changes from all actions get active the next day, i.e. assigning a new SpA user to a SpA unit becomes effective on the next day. The current state is reflected in the EntityStatus.**



| Id | Name | Description             | MarkedForDeletion | EnablePrcReasonMode | EntityStatus | BusinessUnit | EnableMOVMode |
|----|------|-------------------------|-------------------|---------------------|--------------|--------------|---------------|
| 1  | SA-1 | Sponsored Access Unit 1 | ×                 | ×                   | ACTIVE       | ABCFR        | ×             |
| 2  | SA-2 | Sponsored Access Unit 2 | ×                 | ×                   | ACTIVE       | ABCFR        | ✓             |

ADD MODIFY DELETE ASSIGN

✓ SUCCESS - 2 rows loaded

### 3.8.2 Available Actions

| Action        | Description                                                           |
|---------------|-----------------------------------------------------------------------|
| <b>ADD</b>    | Add a new Sponsored Access unit                                       |
| <b>DELETE</b> | Delete a Sponsored Access unit                                        |
| <b>ASSIGN</b> | Opens the wizard to assign a session/ user to a Sponsored Access unit |

### 3.8.3 Columns Description

| Column              | Description                                                                    |
|---------------------|--------------------------------------------------------------------------------|
| ID                  | Numeric ID                                                                     |
| Name                | Individual name of the Sponsored Access Unit                                   |
| Description         | User defined description                                                       |
| EnablePrcReasonMode | If checked, <i>Price Reasonability</i> check can't be skipped                  |
| EnableMOVMode       | If checked, the <i>Maximum Order Value</i> validation can't be skipped         |
| BU                  | BusinessUnit that created the SpA Unit                                         |
| EntityStatus        | Change Status of the entity                                                    |
| MarkedForDeletion   | If checked, the user will be deleted (becomes effective the next business day) |

### 3.8.4 Details Wizard

When opening the wizard all users (and sessions) are displayed regardless of whether they have already been assigned to other units or not. Already assigned entities are indicated by a ticked and disabled checkbox 

Assign users to SA-2
×



| <input type="checkbox"/>            | Id <sup>1</sup> | Name <sup>2</sup> | LoginName <sup>3</sup> | IsSponAcc | SponAccUnitName | SponAccUnitId | EntityStatus | MarkedForDeletion |
|-------------------------------------|-----------------|-------------------|------------------------|-----------|-----------------|---------------|--------------|-------------------|
| <input checked="" type="checkbox"/> | 2338            | SAU201            | ABCFRSAU201            | ✓         | SA-2            | 2             | ACTIVE       | ×                 |
| <input type="checkbox"/>            | 2345            | SAU102            | ABCFRSAU102            | ✓         | SA-1            | 1             | ACTIVE       | ×                 |
| <input checked="" type="checkbox"/> | 2346            | SAU202            | ABCFRSAU202            | ✓         | SA-2            | 2             | ACTIVE       | ×                 |
| <input type="checkbox"/>            | 2353            | SAB011            | ABCFRSAB011            | ✓         | SA-1            | 1             | ACTIVE       | ×                 |
| <input checked="" type="checkbox"/> | 2354            | SAB021            | ABCFRSAB021            | ✓         | SA-2            | 2             | ACTIVE       | ×                 |
| <input type="checkbox"/>            | 2361            | SAU101            | ABCFRSAU101            | ✓         | SA-1            | 1             | ACTIVE       | ×                 |

1 Sponsored Access Users
BACK

2 Sponsored Access Sessions
NEXT FINISH CANCEL

**When an assigned trading session will be linked to a SpA Provider's EDC session using the *EDC Session Configuration* view, the trading can start only once that EDC session will be connected.**

### 3.8.4.1 Available Actions

| Action                | Description                                                   |
|-----------------------|---------------------------------------------------------------|
| <CheckBox Selection > | Assign the selected user/session to the Sponsored Access Unit |
| <b>BACK</b>           | One step back                                                 |
| <b>FINISH</b>         | Complete the wizard and save changes being made               |
| <b>NEXT</b>           | Advance one step                                              |
| <b>CANCEL</b>         | Cancel the wizard without saving                              |

### 3.8.4.2 Columns Description

Columns on Wizard Step 1 - *Users*

| Column            | Description                                       |
|-------------------|---------------------------------------------------|
| EntityStatus      | Change Status of the entity (user)                |
| ID                | Numeric User ID                                   |
| IsSpA             | Denotes a <i>Sponsored Access Unit</i>            |
| LoginName         | Full login name                                   |
| MarkedForDeletion | Indicates whether the user is marked for deletion |
| Name              | Trader name                                       |
| SpAUnit           | Name of the <i>Sponsored Access Unit</i>          |
| SpAUnitID         | Numeric ID of the <i>Sponsored Access Unit</i>    |

## Columns on Wizard Step 2 - Sessions

| Column            | Description                                                                |
|-------------------|----------------------------------------------------------------------------|
| EntityStatus      | Change Status of the entity (session)                                      |
| MarkedForDeletion | Indicates whether the user is marked for deletion                          |
| Name              | Session name                                                               |
| SessionID         | Numeric session ID                                                         |
| SpAUnit           | Name of the <i>Sponsored Access</i> Unit                                   |
| SpAUnitID         | Numeric ID of the <i>Sponsored Access</i> Unit                             |
| SubType           | Name of the sub session type, e.g.<br>SA_BACKOFFICE                        |
| Type              | Name of the session type, e.g.<br>FIX_LOW_FREQUENCY,<br>GUI_INFRASTRUCTURE |

### 3.9 User Maintenance

The *User Maintenance* view provides an overview of the users that are set up per Business Unit. The view provides several functions to inquire and modify roles, entitlements and other settings of an user.

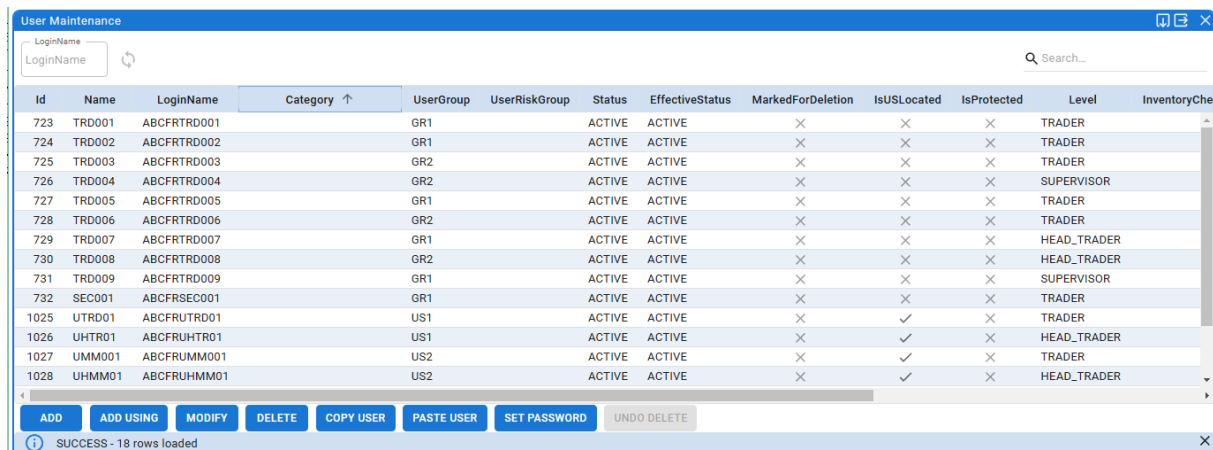
#### 3.9.1 View Details

By default, the view displays all users in the current Business Unit. This overview can be exported using the [view's export feature](#).

**Only data shown in the table is exported. Any additional fields from the User Wizard, such as user entitlements or roles, are excluded.**

For setting up a *TSL User Group* and maintaining *Transaction Size Limits* on user level please use the [TSL maintenance view](#).

Do not forget to assign a user to a (new) *TSL User Group* here to allow individual TSLs on user level.



The screenshot shows the 'User Maintenance' window with a search bar and a table of users. The table has columns: Id, Name, LoginName, Category, UserGroup, UserRiskGroup, Status, EffectiveStatus, MarkedForDeletion, IsUSLocated, IsProtected, Level, and InventoryChe. Below the table are buttons for ADD, ADD USING, MODIFY, DELETE, COPY USER, PASTE USER, SET PASSWORD, and UNDO DELETE. A status bar at the bottom indicates 'SUCCESS - 18 rows loaded'.

| Id   | Name   | LoginName   | Category | UserGroup | UserRiskGroup | Status | EffectiveStatus | MarkedForDeletion | IsUSLocated | IsProtected | Level       | InventoryChe |
|------|--------|-------------|----------|-----------|---------------|--------|-----------------|-------------------|-------------|-------------|-------------|--------------|
| 723  | TRD001 | ABCFRTRD001 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 724  | TRD002 | ABCFRTRD002 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 725  | TRD003 | ABCFRTRD003 |          | GR2       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 726  | TRD004 | ABCFRTRD004 |          | GR2       |               | ACTIVE | ACTIVE          | X                 | X           | X           | SUPERVISOR  |              |
| 727  | TRD005 | ABCFRTRD005 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 728  | TRD006 | ABCFRTRD006 |          | GR2       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 729  | TRD007 | ABCFRTRD007 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | HEAD_TRADER |              |
| 730  | TRD008 | ABCFRTRD008 |          | GR2       |               | ACTIVE | ACTIVE          | X                 | X           | X           | HEAD_TRADER |              |
| 731  | TRD009 | ABCFRTRD009 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | SUPERVISOR  |              |
| 732  | SEC001 | ABCFRSEC001 |          | GR1       |               | ACTIVE | ACTIVE          | X                 | X           | X           | TRADER      |              |
| 1025 | UTRD01 | ABCFRUTRD01 |          | US1       |               | ACTIVE | ACTIVE          | X                 | ✓           | X           | TRADER      |              |
| 1026 | UHTR01 | ABCFRUHTR01 |          | US1       |               | ACTIVE | ACTIVE          | X                 | ✓           | X           | HEAD_TRADER |              |
| 1027 | UMM001 | ABCFRUMM001 |          | US2       |               | ACTIVE | ACTIVE          | X                 | ✓           | X           | TRADER      |              |
| 1028 | UHMM01 | ABCFRUHMM01 |          | US2       |               | ACTIVE | ACTIVE          | X                 | ✓           | X           | HEAD_TRADER |              |

### 3.9.2 Main Features and Actions

The User Maintenance view provides the following features via the bottom button bar:

| Action              | Description                                                      |
|---------------------|------------------------------------------------------------------|
| <b>ADD</b>          | Adds a new user                                                  |
| <b>ADD USING</b>    | Adds a new user copying the values of the selected user          |
| <b>MODIFY</b>       | Modify the values of the selected user                           |
| <b>DELETE</b>       | Deletes the selected user record (needs additional confirmation) |
| <b>COPY USER</b>    | Copy the selected user with all entitlements and attributes      |
| <b>PASTE USER</b>   | Paste the copied user data onto the selected user record         |
| <b>SET PASSWORD</b> | Define a new password                                            |
| <b>UNDO DELETE</b>  | Undo the previous delete operation                               |

The **Add** action opens the User Maintenance Wizard in an empty state with no entitlements or attributes prefilled.

**Modify** and **Add Using** are only enabled if a single user record is selected. It opens the User Maintenance wizard prefilled with the selected user to modify the existing one or add a new user based on the values of the selected user. For *Add Using* specifically, the field *Name* will be blanked.

**Delete** requires confirmation before performing the operation. The selected user is not deleted immediately but *marked for deletion* and removed during the nightly rollover. Therefore, **Undo Delete** allows the user to roll back a deletion on the same day. Deleted users are indicated in the *MarkedForDeletion* column of the User Maintenance view.

Additionally, the overview shows whether negative assignments still exist which have to be removed by Market Operation in order to provide the corresponding trader the full entitlements.

The User Maintenance view also allows to **change password**. When done by the administrator for a different user, changing password is a two-step process. First, the administrator provides an interim password. The affected user is forced to set a new one after the next login. Apart from that the [details how to change password](#) do apply.

### 3.9.2.1 PIN Service

The usage of a 4-digit PIN is mandatory for Trading Business Units at EUREX Derivatives market. For several trading-on-behalf requests and inquiries by phone, a PIN needs to be provided for authentication. The 4-digit PIN can be manually assigned using the *User Maintenance* view.

[//]: # TODO:check the details here for PIN service once view is ready) [//]: # (... or imported from file via the view's import function - either by clicking the settings icon and choosing Import or via GUI menu View->Import. Make sure to use the option Customized General Attributes)

A quick way to check the own PIN is to open the user menu and click the PIN button:

|             |                     |
|-------------|---------------------|
| UserID      | AMMCCCLR001         |
| User Group  | MAS                 |
| User Level  | SUPERVISOR          |
| Last Login  | 29.08.2025 16:28:40 |
| Version     | 140.640.000         |
| Marketplace | EUREX               |
| AppType     | Clearer             |
| EnvType     | DEVELOPMENT         |

**Service availability**  
Up and running

 LOGOUT    PIN    CHANGE PASSWORD

Password \*

SHOW PIN

PIN

### 3.9.3 Columns Description - Main View

Some of the described columns might be hidden in the Web App. Use *Manage Columns* from the table columns menu  to change it.

| Column | Description                                                                            |
|--------|----------------------------------------------------------------------------------------|
| BU     | Business unit of the user. Identical to the BU of the logged-in service administrator. |

| Column            | Description                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EffectiveStatus   | <p>The effective <i>trading status</i> of the user. It combines the trading status both of the selected user and the Business Unit of the user. The status can be</p> <ul style="list-style-type: none"><li>• <i>Active</i> – if the user is not suspended from trading.</li><li>• <i>Suspended</i> – either the user or the Business Unit is suspended from trading.</li></ul>                          |
| ID                | Numeric identifier of the user, provided by the system                                                                                                                                                                                                                                                                                                                                                   |
| InventoryCheck    | If set it indicates a level 3 soft breach where affected trader needs to check participant's trade objects as a L3 breach does not imply an automatic deletion of orders/quotes.                                                                                                                                                                                                                         |
| IsProtected       | Indicates whether user is protected from deletion Via this flag it is prevented that the last service administrator deletes the own account                                                                                                                                                                                                                                                              |
| IsSpA             | Denotes if user is a <i>Sponsored Access</i> user                                                                                                                                                                                                                                                                                                                                                        |
| IsUSLocated       | Is checked for users located in the United States and regulates trading of CFTC and SEC approved products                                                                                                                                                                                                                                                                                                |
| Level             | <p>The level determines if the user may see orders and trades of other users of the same user group or Business Unit:</p> <p>The trader level may not see orders and trades of other traders of the same user group.</p> <p>The head trader can see orders and trades of all users in their own user group.</p> <p>The supervisor can see orders and trades of all users in their own Business Unit.</p> |
| LoginName         | ID of the exchange account to the Exchange's T7 system                                                                                                                                                                                                                                                                                                                                                   |
| MarkedForDeletion | Indicates whether the user is marked for deletion                                                                                                                                                                                                                                                                                                                                                        |

| Column         | Description                                                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MaxOrderValue  | <i>Maximum order value</i> for user. Based on the calculation Qty * (order) limit If not filled, exchange defined maximum order value is used.                                                                |
| Name           | The Name is the Login Name without the Business Unit name. May be subject to naming conventions if the <i>Category</i> field is filled in.                                                                    |
| NegOnExchAssgn | Flag indicates whether negative Trader examination is still active for user.                                                                                                                                  |
| NegTESAssgn    | Flag indicates whether negative Trader TES examination is still active for the user                                                                                                                           |
| PIN            | An encrypted, four-digit code required when contacting Market Supervision to authorize actions such as a mass deletion of orders or quotes. The PIN is assigned manually in the <i>User Maintenance</i> view. |
| RiskGroup      | The name of the User Risk Group the user belongs to inside the Business Unit (eEvery user can only belong to one group)                                                                                       |
| SpAUnit        | Name of the <i>Sponsored Access</i> Business unit the user belongs to                                                                                                                                         |
| SpAUnitID      | Numeric identifier of the <i>Sponsored Access</i> Business unit                                                                                                                                               |

| Column       | Description                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | <p>The current <i>trading status</i> of the user, not the trader <i>examination status</i>. It reflects whether the user has been suspended from trading using the <i>Stop Trading</i> function.</p> <p>Valid values:</p> <ul style="list-style-type: none"><li>• Active – the user is not suspended from trading.</li><li>• Suspended – the user is temporarily suspended from trading.</li></ul> |
| TSLUserGroup | <p>The numeric value of the unique TSL user group the user belongs to within the Business Unit. The TSL User Group groups multiple users in one group in the new TSL regime. This group will be used to define the Standard TSLs.</p>                                                                                                                                                              |
| UserGroup    | <p>The name of the user group the user belongs to inside the Business Unit</p> <ul style="list-style-type: none"><li>• each group may define their own name</li><li>• each user can belong to at most one group</li></ul>                                                                                                                                                                          |

### 3.9.4 Setup of SpA Users

Since SpA users can participate in TES trading when granted the 'Sponsored Access TES Trader' role, the service administrator must ensure **strict data confidentiality** during setup in the *User Maintenance* view. The following rules apply::

- **Do not place SpA users and regular users in the same user group.**
- **Do not place users from different SpA Units in the same user group.**

Under correct T7 configuration, TES Trade and deal visibility is restricted to the same user group and further limited by the user's role (Trader or Head Trader).

### 3.9.5 User Maintenance Wizard

The *User Maintenance Wizard* guides you step by step through the process of the setup of a new user or maintain an existing one. This wizard opens from the User Maintenance view when using the *Add* or *Modify* actions.

**For setting up a TSL User Group and maintaining Transaction Size Limits on user level please use the [TSL maintenance view](#).**

**Do not forget to assign a user to a (new) TSL User Group here to allow individual TSLs on user level.**

The individual steps of the user administration wizard are listed below. The detailed descriptions follow in the individual paragraphs below.

- **General Attributes:** maintaining the general attributes like Name, Category, User Group and Level.
- **On-Exch Attributes:** maintaining the entitlement of the overall on-Exchange attributes.
- **On-Exch Roles:** maintaining the entitlement of the On-Exchange roles on Market Group level. The exact display of this step depends on entitlement settings.
- **TES Attributes:** maintaining the entitlement for the T7 Entry Service per TES Trade type.
- **TES Roles:** maintaining TES related role entitlement (e.g. TES BROKER) on MarketGroup level.

#### 3.9.5.1 General Attributes

The step *General Attributes* provides a list of mandatory fields that need to be maintained for the setup of the user. As soon as all mandatory fields are correctly filled, the *Next* button is enabled to provide access to the next step of the user setup process.

**Do not forget to specify a UserGroup for a proper user setup!**

Id

725

Status

ACTIVE

EffectiveStatus

ACTIVE

BusinessUnit

ABCFR

Name \*

TRD003

LoginName

ABCFRTRD003

Category

UserGroup

GR2

RiskGroup

TSLUserGroup

☐ IsUSLocated

☐ IsProtected

☐ isSpA

Level \*

TRAD...

MaxOrderValue

999999999

PINCode

1234

1 General Attributes

2 On-Exch Attributes

3 On-Exch Roles

4 TES Attributes

5 TES Roles

BACK

NEXT

FINISH

CANCEL

### 3.9.5.2 General Attributes - Field Description

The fields are listed in the order of appearance in the wizard.

| Field | Description                                            |
|-------|--------------------------------------------------------|
| ID    | Numeric identifier of the user, provided by the system |

| Field           | Description                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status          | <p>The current <i>trading status</i> of the user, not the trader <i>examination status</i>. It reflects whether the user has been suspended from trading using the <i>Stop Trading</i> function.</p> <p>Valid values:</p> <ul style="list-style-type: none"><li>• Active – the user is not suspended from trading.</li><li>• Suspended – the user is temporarily suspended from trading.</li></ul> |
| EffectiveStatus | <p>The effective <i>trading status</i> of the user. It combines the trading status both of the selected user and the Business Unit of the user. The status can be</p> <ul style="list-style-type: none"><li>• Active – if the user is not suspended from trading.</li><li>• Suspended – either the user or the Business Unit is suspended from trading.</li></ul>                                  |
| BU              | <p>Business unit of the user. Identical to the BU of the logged-in service administrator.</p>                                                                                                                                                                                                                                                                                                      |
| Name            | <p>The Name is the Login Name without the Business Unit name. May be subject to naming conventions if the <i>Category</i> field is filled in.</p>                                                                                                                                                                                                                                                  |
| LoginName       | <p>ID of the exchange account to the Exchange's T7 system</p>                                                                                                                                                                                                                                                                                                                                      |

| Field        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category     | <p>If applicable, this field should be set by the administrator when setting up a user. Depending on the chosen category, naming conventions for the LoginName do apply as follows:</p> <ul style="list-style-type: none"><li>• ORDER_ROUTING_SYSTEM: the LoginName should start with OR or UR</li><li>• QUOTE_PROVIDER: the LoginName should start with QP</li><li>• TRADER_DEVELOPMENT_PROGRAM: the LoginName should start with TLP or ULP</li></ul> |
| UserGroup    | <p>The name of the user group the user belongs to inside the Business Unit. Every group can define their own name. Every user can belong to at most group.</p>                                                                                                                                                                                                                                                                                         |
| RiskGroup    | <p>The name of the User Risk Group the user belongs to inside the Business Unit. Every user can only belong to one group.</p>                                                                                                                                                                                                                                                                                                                          |
| TSLUserGroup | <p>The unique value of the TSL user group the trader belongs to within the Business Unit. The <i>TSLUserGroup</i> aggregates multiple users in one group in the new TSL regime. This group will be used to define the Standard TSLs.</p>                                                                                                                                                                                                               |
| IsUSLocated  | <p>Is checked for users located in the United States and regulates trading of CFTC and SEC approved products.</p>                                                                                                                                                                                                                                                                                                                                      |
| IsProtected  | <p>Indicates whether user is protected from deletion. Via this flag it is prevented that the last service administrator deletes the own account.</p>                                                                                                                                                                                                                                                                                                   |
| IsSpA        | <p>Denotes if user is a Sponsored Access user</p>                                                                                                                                                                                                                                                                                                                                                                                                      |

| Field         | Description                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Level         | <p>The level determines if the user may see orders and trades of other users of the same user group or Business Unit:</p> <p>The trader level may not see orders and trades of other traders of the same user group.</p> <p>The head trader can see orders and trades of all users in their own user group.</p> <p>The supervisor can see orders and trades of all users in their own Business Unit.</p> |
| MaxOrderValue | <p><i>Maximum order value</i> for user. Based on the calculation Qty * (order) limit</p> <p>If not filled, exchange defined maximum order value is used.</p>                                                                                                                                                                                                                                             |
| PIN           | <p>An encrypted, four-digit code required when contacting Market Supervision to authorize actions such as a mass deletion of orders or quotes. The PIN is assigned manually in the <i>User Maintenance</i> view.</p>                                                                                                                                                                                     |

### 3.9.5.3 On-Exchange Attributes

The maintenance of market independent entitlement roles will be simplified with this *On-Exch Attributes* step. An entitlement role can be enabled or disabled by using the checkbox next to it.

User Maintenance

Maintenance of overall on-Exchange attributes

ABCFRTRD004

☒ EMERGENCY MASS DELETION

☒ EMERGENCY TRADING STOP

☐ EMERGENCYTRADINGSTOP USER 2EP

☐ ENHANCED DROP COPY MAINTENANCE

☐ ENHANCED DROP COPY VIEW

☒ PRE-TRADE LIMITS

☒ PRE-TRADE LIMITS VIEW

☒ QUALIFIED BACKOFFICE USER

☐ SERVICE ADMINISTRATOR

☐ TM TRADE OVERVIEW

☒ TRADE ENRICHMENT RULE

☐ TRADE ENRICHMENT RULE VIEW

☒ USER DATA VIEW

☐ USER DATA VIEW W/O PIN

☒ General Attributes

2 On-Exch Attributes

3 On-Exch Roles

4 TES Attributes

5 TES Roles

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#### 3.9.5.4 On-Exchange Roles

The *On-Exch Roles* step allows to inspect and assign roles on Market Group level. The Product/ProductId filter supports in finding a specific product. What roles are displayed here depend on entitlement settings for the BU.

**Only assign either *Market Maker* OR *Trader* role for the same Market Group - Otherwise, quotes cannot be entered or requested.**

### 3.9.5.5 Negative entitlement

When a user is created during setup, the system automatically assigns a role with negative entitlements, preventing the user from trading until Market Supervision removes the restriction. If applicable, this role is displayed on this step. Administrators cannot modify or remove it.

In the example below, the column MarketGroup denotes the various product assignment groups while the columns like TRADER denote the respective role. A set checkbox for the combination of a role and Market Group indicates that this combination of Market Group and role is assigned to the user.

**User Maintenance** ABCFRTRD003

Assignment of on-Exchange roles on MarketGroup level

**Attention:** Assignment of Roles Market Maker and Trader for the same market group leads to incapability of entering and requesting Quotes! Please select only one of those 2 Roles per market group. Each role allows order maintenance.

Product  ProductID  MarketGroup  SELECTION INFO

| MarketGroup ↑ | Description                  | TRADER | MARKET MAKER | TRADING VIEW | MARKET MAKER PROTECTION |
|---------------|------------------------------|--------|--------------|--------------|-------------------------|
| BN CHY        | TYP: BND EXCH: CURRENCY:...  | ×      | ✓            | ✓            | ✓                       |
| BN EUY        | TYP: BND EXCH: CURRENCY:...  | ×      | ✓            | ✓            | ✓                       |
| BN GBY        | TYP: BND EXCH: CURRENCY:...  | ×      | ✓            | ✓            | ✓                       |
| CR EUY        | TYP: CRD EXCH: CURRENCY:...  | ×      | ✓            | ✓            | ✓                       |
| CU EUN        | TYP: CUR EXCH: CURRENCY:...  | ×      | ✓            | ✓            | ✓                       |
| FB CHN        | TYP: FBD EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| FB EUY        | TYP: FBD EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| FI EUN        | TYP: FIX EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| FI EUY        | TYP: FIT EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| FV EUN        | TYP: FVL EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| IN CHN        | TYP: INX EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| IN EUN        | TYP: INX EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| IN EUY        | TYP: INT EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| IN GBN        | TYP: INX EXCH: CURRENCY: ... | ×      | ✓            | ✓            | ✓                       |
| INHEUN        | TYP: INX EXCH: H CURRENC...  | ×      | ✓            | ✓            | ✓                       |

☒ General Attributes
 ☒ On-Exch Attributes
 ☒ 3 On-Exch Roles
 ☐ 4 TES Attributes
 ☐ 5 TES Roles

BACK NEXT FINISH CANCEL

For setting up a **TSL User Group** and maintaining **Transaction Size Limits** on user level please use the [TSL maintenance view](#).

Do not forget to assign a user to a (new) **TSL User Group** here to allow individual TSLs on user level.

### 3.9.5.6 TES Attributes

The *TES Attributes* step allows to maintain the entitlement for the T7 Entry Service per TES trade type.

User Maintenance

Maintenance of overall TES attributes ABCFRTRD003

- ☐ BLOCK
- ☐ BLOCK\_QTPIP
- ☐ EFP\_FIN
- ☐ EFP\_IDX
- ☐ EFS
- ☐ ENLIGHT
- ☐ VOLA

General Attributes — On-Exch Attributes — On-Exch Roles — 4 TES Attributes — 5 TES Roles

BACK NEXT FINISH CANCEL

### 3.9.5.7 TES Roles

The *TES Roles* step allows to display and assign TES roles like TES BROKER or TES TRADER on Market Group level. The Product and Product ID filter fields help you find a specific product.

User Maintenance

Assignment of TES roles on Market Group level

ABCFRTRD003

Product

ProductID

MarketGroup

SELECTION INFO

| MarketGroup ↑ | Description                        | TES TRADER | TES BROKER | TES VIEW |
|---------------|------------------------------------|------------|------------|----------|
| BN CHY        | TYP: BND EXCH: CURRENCY: CHF U...  | X          | X          | X        |
| BN EUY        | TYP: BND EXCH: CURRENCY: EUR U...  | X          | X          | X        |
| BN GBY        | TYP: BND EXCH: CURRENCY: GBP U...  | X          | X          | X        |
| CR EUY        | TYP: CRD EXCH: CURRENCY: EUR U...  | X          | X          | X        |
| CU EUN        | TYP: CUR EXCH: CURRENCY: EUR U...  | X          | X          | X        |
| FB CHN        | TYP: FBD EXCH: CURRENCY: CHF U...  | X          | X          | X        |
| FB EUY        | TYP: FBD EXCH: CURRENCY: EUR U...  | X          | X          | X        |
| FI EUN        | TYP: FIX EXCH: CURRENCY: EUR US... | X          | X          | X        |
| FI EUY        | TYP: FIT EXCH: CURRENCY: EUR US: Y | X          | X          | X        |
| FV EUN        | TYP: FVL EXCH: CURRENCY: EUR U...  | X          | X          | X        |
| IN CHN        | TYP: INX EXCH: CURRENCY: CHF US... | X          | X          | X        |
| IN EUN        | TYP: INX EXCH: CURRENCY: EUR US... | X          | X          | X        |
| IN EUY        | TYP: INT EXCH: CURRENCY: EUR US... | X          | X          | X        |
| IN GBN        | TYP: INX EXCH: CURRENCY: GBP US... | X          | X          | X        |
| INHEUN        | TYP: INX EXCH: H CURRENCY: EUR ... | X          | X          | X        |

☒ General Attributes

☒ On-Exch Attributes

☒ On-Exch Roles

☒ TES Attributes

☒ 5 TES Roles

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## 4 Admin Views: Risk and Security

### 4.1 Market Maker Protection

The Market Maker Protection service allows an administrator to configure the *Market Maker Protection* functionality for a specified product or profile, preventing too many almost simultaneous trade executions of the market maker's active quotes. This view is not updated automatically but needs to be refreshed manually.

#### 4.1.1 View Details

The Market Maker Protection view enables market makers to:

- view and change existing MMP parameters
- add and remove MMP parameters
- review the current quote activation status
- change the quote activation status
- control whether
  - quotes should be deactivated only or
  - deactivated and additionally deleted if MMP parameters are breached

To aid market makers in the configuration of MMP, the view offers bulk-edit operations using the views import feature.

When importing, the key data must fit to the selected filter value. If e.g. ODAX is entered in the filter, no FDAXrecords can be imported.

The valid options for the Quote Activation State can be listed by double-clicking in the respective table cell or clicking the triangle symbol of the cell during editing.

To successfully submit the changes made, the mandatory MiFID II parameter ExeQual and ExeID must be defined in the settings menu.

#### 4.1.2 Scope Definition for MMP Changes

The *Market Maker Protection* view understands as scope session x product for the protection parameters. Besides inquiring a single product on a single session, multiple session entries can be combined with a product or a profile of products. Therefore, before maintaining any parameters the context needs to be defined using the filter fields atop the table.

A quick way to yield all records for *multiple products* and *multiple sessions* is to fill only the Prof/Prod filter and the use the ADD FULL button to have the table automatically populated for the resulting combination. If a session is provided, ADD FULL uses only this session as context.

|   | Product <sup>1</sup> | Session <sup>2</sup> | MinQuoteQty <sup>3</sup> | Volume | Delta | Vega | Percent | IntervalMillis | QuoteDeletion | QuoteActivationState | BoC |
|---|----------------------|----------------------|--------------------------|--------|-------|------|---------|----------------|---------------|----------------------|-----|
| + | CONF                 | ABCFR_FG_BO_S1       | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_FG_S1          | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_LHFBO_S1       | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SHF_S1         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SHF_S2         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SHF_S3         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SLF_S1         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SLF_S2         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR_SLF_S3         | 10                       |        |       |      |         |                | X             |                      |     |
| + | CONF                 | ABCFR-SA-1-BO1       | 10                       |        |       |      |         |                | X             |                      |     |

ADD GENERIC ADD FULL DELETE APPLY

#### 4.1.3 Available Actions

| Action             | Description                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ADD GENERIC</b> | Populates the table based on the input in the Prof/Prod filter without any specific session context                                                                                |
| <b>ADD FULL</b>    | Populates the table based on the combination of the input in the Prof/Prod and Session filter <i>if Session filter is empty, records for <b>all</b> sessions will be displayed</i> |
| <b>DELETES</b>     | Delete the selected row                                                                                                                                                            |
| <b>APPLY</b>       | Submits the changes made                                                                                                                                                           |

#### 4.1.4 Columns Description

The parameter Volume, Delta, Vega, Percent and IntervalMillis are used to specify the **threshold values**. These threshold values are fully optional.

| Column         | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BoC Quote      | Flag for <i>Book or Cancel</i> restriction for Quotes.<br>Can only be set while the QuoteActivationState is set. Afterwards BoCQuote checkbox is unticked again.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Delta          | <p>For <b>options series</b> the Delta is defined as <math>\Delta = (BC - SC) - (BP - SP)</math> with</p> <ul style="list-style-type: none"> <li>• BC = Number of executions in bought call options series</li> <li>• SC = Number of executions in sold call options series</li> <li>• BP = Number of executions in bought put options series</li> <li>• SP = Number of executions in sold put options series</li> </ul> <p><b>For futures</b> contracts Delta is defined as <math>\Delta = (BF - SF)</math> with</p> <ul style="list-style-type: none"> <li>• BF = Number of executions in bought futures contract</li> <li>• SF = number of executions in sold futures contracts</li> </ul> |
| IntervalMillis | Size of the moving time window in milliseconds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MinQuoteQty    | Minimum quantity of a quote<br><i>Display only</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Percent        | Cumulated ratio between traded quote quantity and total quote size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Column               | Description                                                                                                                                                                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product              | Product name                                                                                                                                                                                                                                                                                                                                        |
| QuoteActivationState | <p>Displays the current activation state of the quote:</p> <ul style="list-style-type: none"> <li>• INACTIVATION_DELETE - quotes gets inactivated and deleted</li> <li>• REACTIVATION - quotes get reactivated</li> <li>• INACTIVATION - quotes get inactivated only</li> </ul> <p><b>The QuoteActivationState is not updated automatically</b></p> |
| QuoteDeletion        | Controls what happens to Quotes if MMP limits are breached. If ticked, quotes get deactivated and deleted. Otherwise, quote gets only deactivated. deactivated.                                                                                                                                                                                     |
| Session              | Session ID                                                                                                                                                                                                                                                                                                                                          |
| Vega                 | <p><b>For options series only</b>, Vega is defined as</p> $\text{Vega} = (\text{BC} - \text{SC}) + (\text{BP} - \text{SP})$ <p>( using the above definitions), i.e. Vega = Absolute number of executed buy options series <i>minus</i> number of executed sell options series</p>                                                                   |
| Volume               | Total number of contracts traded through quotes                                                                                                                                                                                                                                                                                                     |

## 4.2 Market Wide SMP

This view provides authorized Admin members functions for creating, (de-)registering and deleting of Market Wide **Self Match Prevention** IDs for the own Business Unit. To ease the handling of many SMP IDs it is possible to search for IDs by a set of filter attributes.

### 4.2.1 View Details

To allow for structured handling and efficient filtering, the workflow is grouped into the following three tabs:

- the **Market Wide SMP Current** lists all currently active SMP IDs (owned or registered)
- the **Market Wide SMP Creation Preview** offers all functions for creating and deleting SMP ID of the own BU
- the **Market Wide SMP Registration Preview** offers all functions to register and de-register an SMP ID

Screenshot of the TES Auto Approval Rules view

At the top of every sub-view a similar set of filter fields is located to look up SMP IDs by value (range), beneficiary or validity.

Screenshot of the filter row of the Market Wide SMP view

### 4.2.2 Columns Description

Below listed columns are available on all three tabs.

| Column      | Description                                             |
|-------------|---------------------------------------------------------|
| Beneficiary | 20 digit alphanumeric code                              |
| Description | 20 characters free text field                           |
| Owner       | Ticked if the logged-in user is the owner of the SMP ID |
| Registered  | Ticked if the SMP ID is registered                      |
| SMP ID      | Numeric SMP identifier                                  |
| Validity    | Date until the SMP ID is valid                          |

### 4.2.3 Market Wide SMP - Current

This tab displays the currently available (active) SMP IDs, both self-created SMPs and SMPs the BU has registered for. The top row offers several filter functions as explained in the [View Details](#).

#### 4.2.3.1 Columns Description

This tabs features only few specific columns. For a description of columns available on all tabs please refer to the [common columns description](#).

| Column                 | Description                                                       |
|------------------------|-------------------------------------------------------------------|
| PrivateInfo Owner      | private Information of the owner (not visible for other BUs)      |
| PrivateInfo Registrant | private Information of the registrant (not visible for other BUs) |

#### 4.2.4 Market Wide SMP - Creation Preview

In this tab an authorized administrator may create, modify and delete SMP IDs. New records can be created manually or by using the view's import function. Click the settings icon  and choose Import.

A SMP ID can be user-defined but it must be unique. If no value is given the system will generate a unique SMP ID automatically. Modifying an existing record is possible by a double-click in any data field.

**If an SMP ID is successfully created, the owning BU is registered automatically to that ID.  
A newly created SMP ID gets active on the next trading day.**

##### 4.2.4.1 Available Actions

| Action | Description                         |
|--------|-------------------------------------|
| Add    | Adds a new SMP record               |
| Delete | Select an (own) SMP ID for deletion |
| Apply  | Submit the changes being made       |

**4.2.4.2 Columns Description** The columns listed below are specific to this tab. For a description of columns available on all tabs please refer to the [common columns description](#).

| Column                | Description                                                                   |
|-----------------------|-------------------------------------------------------------------------------|
| LstUpdTime            | Date and time of the last update                                              |
| PrivateInfo Owner     | private Information of the owner (not visible for other BUs)                  |
| SMP MarkedForDeletion | If checked, the SMP will be deleted (becomes effective the next business day) |
| SMPStatus             | Status of the SMP ID, e.g ACTIVE, PENDING_CREATE                              |

#### 4.2.5 Market Wide SMP - Registration Preview

In this tab, an authorized administrator can register for SMP IDs created by other BUs. The administrator must enter the other BU's Beneficiary code in the filter to retrieve and register for its SMP ID.

Listed records can be exported using the view's export function. Simply click the settings icon Bulleted list denoting the Setting menu icon and choose Export.

**A newly registered SMP ID gets active on the next trading day.**

##### 4.2.5.1 Available Actions

| Action   | Description                      |
|----------|----------------------------------|
| Register | Register for the selected SMP ID |

---

| Action     | Description                    |
|------------|--------------------------------|
| Deregister | Deregister the selected SMP ID |
| Apply      | Submit the changes made        |

---

**4.2.5.2 Column Description** The columns listed below are specific to this tab. For a description of columns available on all tabs please refer to the [common column description](#).

---

| Column                         | Description                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------|
| LstUpdateTime                  | Date and time of the last update                                                       |
| PrivateInfo Registrant         | private Information of the registrant (not visible for other BUs)                      |
| Registration MarkedForDeletion | If checked, the registration will be deleted (becomes effective the next business day) |
| RegistrationStatus             | Status of the registration, such as ACTIVE, PENDING_CREATE                             |

---

### 4.3 Pre-Trade Risk Limits

The *Pre-trade Risk Limits* view allows authorized Admin members to add and maintain Pre-Trade risk limits (PTRLs) for traded quantities. Viewing pre-trade risk limits and maintaining them are controlled by two different entitlements. This view is not updated automatically.

#### 4.3.1 View Details

To maintain PTRLs for on-book and off-book click either the *Pre-Trade Risk Limits* or the *TES Pre-Trade Risk Limits* tab.

To add PTRL values on BU\_RISK\_GROUP level the RiskGroup entry is mandatory. To conveniently select it, simply click the User – RiskGroup filter and select from the dropdown list a fitting entry. After inquiring the data with the active filter also the ADD Buttons are enabled.

**A missing RiskGroup can be defined in the User Maintenance view.**

Only products that have been defined to be eligible for the Pre-Trade Risk Limit check can be viewed and maintained. On attempting to add limits for a product that is not eligible the product field will be highlighted and the APPLY button will stay disabled.

| BusinessUnit | RiskLimitType | RiskGroup ↑ | SpAUnit | Product | LongLimit | ShortLimit | NettingCoefficient | NetPosition | OpenLong | OpenShort |
|--------------|---------------|-------------|---------|---------|-----------|------------|--------------------|-------------|----------|-----------|
| ABCFR        | BU_RISK_GROUP | R30         |         | FDAX    | 100       | 50         | 0.2                | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R30         |         | FNIC    | 100       | 100        | 0.1                | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R30         |         | TRFC    | 200       | 200        | 0.2                | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R34         |         | FGBM    |           | 700        |                    | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R34         |         | FDAX    | 1,000     | 200        | 0.2                | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R34         |         | FESX    | 500       |            |                    | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R34         |         | ONIC    | 505       | 400        |                    | 0           | 0        | 0         |
| ABCFR        | BU_RISK_GROUP | R34         |         | TRFC    | 100       | 100        |                    | 0           | 0        | 0         |

**All** columns in the view can be added to the table filter. Please handle this feature with care as columns will stay hidden also during maintaining the values. It is recommended to **always query the view after you have changed values**, firstly to validate changes made and secondly because the view is not updated automatically.

#### 4.3.2 PTRL Risk Limit Types

In general, Pre-trade risk limits can be set for three *risk limit types* (-levels), separately for the buy and sell side:

1. Exchange level EXCH\_FOR\_BU: the Exchange (Market Operations) can define limits for a Business Unit (BU)
2. Clearer level CM\_FOR\_BU: the General or Direct Clearing Member (GCM/DCM) can define limits for the associated NCMs (including his own NCM trading BU)

3. BU level BU\_RISK\_GROUP: the authorized administrator of a BU can define risk limits for its User Risk Groups

When adding new limits for a product with ADD and ADD ALL the Web App supports the user by automatically validating several rules - for details kindly refer to [Available Actions](#).

The authorized Admin user may assign BU users to different User Risk Groups and then define pre-trade risk limits for these User Risk Groups. The *User Maintenance* view is used to assign a specific risk group to an individual user.

Newly entered pre-trade risk limits take effect on the date specified in `ActivationDate`. Activating limits intraday is not possible. If `ActivationDate` is empty, the limits have been activated.

#### **4.3.3 PTRLs Variants**

This view offers two tabs for inquiring and maintaining on-book and off-book (TES) limits respectively. New limits can be created by adding them manually or by importing them.

An example for an incremental update would be to filter the limits as needed, export this subset, amend it and import the resulting subset without affecting the limits which had been filtered out. After import data the view needs to be refreshed to display all limits records again. Deleting limits has to be done manually in the view itself which is made easier by filtering function.

#### **4.3.4 Available Actions**

When using ADD and ADD ALL some rules are validated to allow a comfortable and error-free adding of new PTRLs. In detail, it is checked that

- the limits are only created for the displayed Business unit
- a product has been defined as eligible for having PTRLs,
- the product for which limits shall be created has not yet defined any limits

**Pre-Trade Risk Limits**

Pre-Trade Risk Limits    TES Pre-Trade Risk Limits

BusinessUnit: ABCFR    RiskLimitType:    Risk Group (Username - RiskGroup): R30    Prof/Prod:    Search...

|   | BusinessUnit | RiskLimitType | RiskGroup ↑ | SpAUnit | Product | LongLimit | ShortLimit | NettingCoefficient | NetPosition | OpenLong | OpenShort |
|---|--------------|---------------|-------------|---------|---------|-----------|------------|--------------------|-------------|----------|-----------|
|   | ABCFR        | BU_RISK_GROUP | R30         |         | FDAX    | 100       | 50         | 0.2                | 0           | 0        | 0         |
|   | ABCFR        | BU_RISK_GROUP | R30         |         | FNIC    | 100       | 100        | 0.1                | 0           | 0        | 0         |
|   | ABCFR        | BU_RISK_GROUP | R30         |         | TRFC    | 200       | 200        | 0.2                | 0           | 0        | 0         |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FESX    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FGBM    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FGBS    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FGBX    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FNAX    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | FNIX    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | ODAX    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | ONIC    |           |            |                    |             |          |           |
| ⊕ | ABCFR        | BU_RISK_GROUP | R30         |         | RSAU    |           |            |                    |             |          |           |

ADD    ADD ALL    DELETE    SHOW USERS    APPLY

## Action

## Description

**ADD**

Adds a new record

**ADD ALL**Add **all** eligible products*APPLY will be enabled after the first row has been filled correctly***DELETE**

Marks the selected record for deletion

**SHOW USERS**

Displays all users included in the RiskGroup of the selected row

*Button only displayed for properly authorized users***APPLY**

Submits the changes being made

**4.3.5 Columns Description**

| Column             | Description                                                                                                                                                                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ActivationDate     | Newly entered limits will become valid at the <code>ActivationDate</code> . It is filled by the system automatically. If the date is empty, the limit(s) have been activated                                                                                                                                                  |
| BU                 | Business unit name of the user                                                                                                                                                                                                                                                                                                |
| DisableMbr         | If true, all order/quotes for NCM will be deleted and entry of new ones will be blocked (can only be edited by Clearing Member)                                                                                                                                                                                               |
| DisableRiskGroup   | If true, the selected RiskGroup has been stopped from trading                                                                                                                                                                                                                                                                 |
| LongLimit          | Limit value for long side                                                                                                                                                                                                                                                                                                     |
| LongLimitViolation | Flag indicating long limit violation<br><i>Display only</i>                                                                                                                                                                                                                                                                   |
| NetPosition        | Accumulated traded quantity of one trading side minus the accumulated traded quantity of the opposing side<br><i>Display only</i>                                                                                                                                                                                             |
| NettingCoefficient | Is a factor applicable only for <i>Future Spreads</i> that is used to weigh the quantity of Future Spread open orders/-quotes/-trades and Future Spread open/final TES Trades by multiplying that factor with accumulated quantities.<br><b>No value displayed means 1</b><br><b>For CM records no value means actually 0</b> |
| OpenLong           | Current open long position<br><i>Display only</i>                                                                                                                                                                                                                                                                             |
| OpenShort          | Current open short position<br><i>Display only</i>                                                                                                                                                                                                                                                                            |
| Product            | Product name                                                                                                                                                                                                                                                                                                                  |
| RiskGroup          | The name of the Risk Group the user belongs to inside the Business Unit - every user can only belong to one group<br><b>Mandatory when adding new limits</b>                                                                                                                                                                  |

| Column              | Description                                                           |
|---------------------|-----------------------------------------------------------------------|
| RiskLimitType       | Risk group level, e.g.<br>EXCH_FOR_BU,CM_FOR_BU,BU_RISK_GROUP         |
| ShortLimit          | Limit value for short side                                            |
| ShortLimitViolation | Flag indicating short limit violation<br><i>Display only</i>          |
| SpAUnit             | Name of the <i>Sponsored Access</i> Business unit the user belongs to |

## 4.4 TSL Maintenance

This view provides functions to define and maintain **Transaction Size Limits** per TSL Type - OnBook, TES and Calendar Spreads - for traders of the BU of the logged-in administrator. The bottom row offers functions to find the corresponding TSL User Group for a given product and to display details on the selected TSL group.

### 4.4.1 Important TSL Number Rules

A **blank value** for a TSL serves as wildcard, i.e. values defined by the Exchange or the Clearer do apply.

If **zero (0)** is entered, trading will be disabled.

### 4.4.2 View Details

The *TSL maintenance* view provides functions for defining and maintaining the TSL regime, including filter features for data items like TSL User Groups or TSL Products.

Trading Participants are able to create *TSL User Groups* and group all their users into them. A trader may belong to none or to only one TSL User Group. *TSL User Groups* need to be created first. Subsequently, the assignment of users to a TSL User Group takes place in the *User Maintenance* view.

**If a user is not assigned to a TSL User Group, no TSLs on trader level can be defined.**

However, trading participants who do not plan to set TSLs by themselves can inquire defined standard TSLs set by their Clearing Member (and by the exchange).

| TSLUserGroup | TSLProductGroup | TSLProductGroupDescription                        | MaxTESQtyByBU | MaxOrderQtyByBU | MaxCalSpreadQtyByBU | MaxTESQtyByCM | MaxOrderQtyByCM | MaxCalS |
|--------------|-----------------|---------------------------------------------------|---------------|-----------------|---------------------|---------------|-----------------|---------|
| 367          | BTRF40          | BASKET TOTAL RETURN FUTURES                       |               |                 |                     |               |                 |         |
| 367          | DUMMY1          | AGRICULTURAL INDEX FUTURES                        | 999,999       | 999,999         | 999,999             |               |                 |         |
| 367          | DUMMY10         | INDEX DIVIDEND FUTURES                            |               |                 |                     |               |                 |         |
| 367          | DUMMY11         | INDEX DIVIDEND OPTIONS                            |               |                 |                     |               |                 |         |
| 367          | DUMMY17         | OPTION ON XETRA-GOLD                              |               |                 |                     |               |                 |         |
| 367          | DUMMY18         | OPTIONS ON EXCHANGE-TRADED COMMODITIES SECURITIES |               |                 |                     |               |                 |         |
| 367          | DUMMY2          | COMMODITY INDEX FUTURES                           |               |                 |                     |               |                 |         |
| 367          | DUMMY21         | PRECIOUS METAL-FUTURES                            |               |                 |                     |               |                 |         |
| 367          | DUMMY22         | PRECIOUS METAL-OPTIONS                            |               |                 |                     |               |                 |         |
| 367          | DUMMY23         | PROPERTY INDEX FUTURES                            |               |                 |                     |               |                 |         |
| 367          | DUMMY3          | COMMODITY INDEX OPTIONS                           |               |                 |                     |               |                 |         |
| 367          | DUMMY33         | EUREX DERIVATIVES                                 |               |                 |                     |               |                 |         |

The *TSL maintenance* view consists of the following components which can be accessed via the same-named tabs:

- **TSL User Group:** new TSL User Groups can be created and deleted. The tab also provides an overview of all currently defined TSL User Groups and which users are assigned to a specific User Group.
- The **Standard TSLs** are defined per TSL type - OnBook, TES and Calendar Spreads - for a TSL Product Group and TSL User Groups. This tab also provides an overview of all currently defined TSL Product Groups and which products are assigned to a specific Product Group.
- The **Exception TSLs** are defined per TSL type - OnBook, TES and Calendar Spreads - for either TSL User Groups or an single User in cases where Standard TSLs don't provide the desired granularity for exceptional limits.
- **TSL Product Group** displays all available Product Groups and their TSLs. Allows to list all products for a given TSL Product Group.
- The **Product Assignment** displays the products currently assigned to the member - useful if no TSLUsergroups have been setup.

All tabs except the *TSL Product Group* offer both export and import functionality to maintain the TSLs and User Groups outside the Web App. The *TSL Product Group* tab supports exporting the displayed data.

#### 4.4.3 Standard TSLs Tab

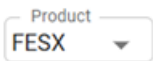
When opened, the *Standard TSLs* tab displays all currently defined Standard TSLs. The filter above the table allows for a quick inquiry of all TSLs of either a particular user or of a particular group. By sim-

ply entering the TSLUsergroup number all matching records are displayed, Alternatively, a trader name can be entered in the filter. For For both, a context menu provides a list of valid entries.

The Product filter below the data table allows to find the Product Group containing the product that was keyed in. Also at the bottom of the tab view Show User and Show Products allow to quickly list all users or products of the selected TSL Group.

A blank value for a TSL serves as wildcard, i.e. only values defined by the Exchange (or the Clearer) apply. If zero (0) is entered, trading will be disabled.

#### 4.4.3.1 Available Actions

| Action                                                                            | Description                                                               |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|  | Find the <i>TSLProductGroup</i> (and description) for the entered product |
| <b>SHOW PRODUCTS</b>                                                              | Display all contained products of the selected product group              |
| <b>SHOW USERS</b>                                                                 | Display all user assigned to the selected TSL User Group                  |
| <b>APPLY</b>                                                                      | Apply the changes made                                                    |

#### 4.4.3.2 Columns Description

| Column              | Description                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MaxCalSpreadQtyByBU | <p><i>Maximum Calendar Spread quantity</i> on BU level defined by the administrator. This applies to all products of the related TSL Product Group and all traders of the related TSL User Group.</p> <p>This limit applies regardless whether the spread is executed on-book or of-book (TES).</p> |

| Column                | Description                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MaxCalSpreadQtyByCM   | <p><i>Maximum Calendar Spread quantity</i> defined by the Clearing Member. This quantity applies to the selected Trading Business Unit and TSL Product Group.</p> <p>This limit applies regardless whether the spread is executed on-book or of-book (TES).</p>                                                                                                                              |
| MaxCalSpreadQtyByEXCH | <p><i>Maximum Calendar Spread quantity</i> as defined by the Exchange. This (default) value applies to all products of the related TSL Product Group and all traders of the related TSL User Group. This limit applies regardless whether the spread is executed on-book or of-book (TES).</p> <p>This limit applies regardless whether the spread is executed on-book or of-book (TES).</p> |
| MaxOrderQtyByBU       | <p><i>Maximum On-Book order quantity</i> on BU level defined by the administrator. This quantity applies to all products of the related TSL Product Group and all traders of the related TSL User Group.</p>                                                                                                                                                                                 |
| MaxOrderQtyByCM       | <p><i>Maximum On-Book order quantity</i> defined by the Clearing Member. This quantity applies to the selected Trading Business Unit and TSL Product Group.</p>                                                                                                                                                                                                                              |
| MaxOrderQtyByEXCH     | <p><i>Maximum On-Book order quantity</i> as defined by the Exchange. This (default) value applies to all products of the related TSL Product Group and all traders of the related TSL User Group.</p>                                                                                                                                                                                        |
| MaxTESQtyByBU         | <p><i>Maximum TES (+ Eurex Enlight) quantity</i> defined on BU level defined by the administrator. This quantity applies to all products of the related TSL Product Group and all traders of the related TSL User Group.</p>                                                                                                                                                                 |

| Column                      | Description                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MaxTESQtyByCM               | <p><i>Maximum TES (+ Eurex Enlight) quantity defined by the Clearing Member. This quantity applies to the selected Trading Business Unit and TSL Product Group.</i></p> <p>This limit applies regardless whether the spread is executed on-book or of-book (TES).</p> |
| MaxTESQtyByEXCH             | <p><i>Maximum TES (and Eurex EnLight) quantity as defined by the Exchange. This (default) value applies to all products of the related TSL Product Group and all traders of the related TSL User Group.</i></p>                                                       |
| TSLProductGroup             | TSL Product Group name                                                                                                                                                                                                                                                |
| TSLProductGroup Description | TSL Product Group description                                                                                                                                                                                                                                         |
| TSLUserGroup                | <i>TSL User Group</i> name                                                                                                                                                                                                                                            |

#### 4.4.4 TSL User Group Tab

This tab lists all currently set up TSL User Groups and allows to add and delete them. A delete operation must be confirmed before it is executed. The Show Users option displays all users in the selected group.

**TSL Maintenance**

TSL Standard **TSL User Group** Exception TSLs TSL Product Group Product Assignment

Search...

| TSLUserGroup <sup>1</sup> | Description <sup>2</sup> |
|---------------------------|--------------------------|
| 167                       | TRADER                   |
| 267                       | HEAD_TRADER              |
| 367                       | SUPERVISOR               |
| 834                       | Specials                 |

ADD DELETE SHOW USERS APPLY

✓ SUCCESS

#### 4.4.4.1 Available Actions

| Action            | Description                                              |
|-------------------|----------------------------------------------------------|
| <b>ADD</b>        | Adds a new TSL User Group                                |
| <b>DELETE</b>     | Deletes a TSL User Group (with confirmation popup)       |
| <b>SHOW USERS</b> | Display all user assigned to the selected TSL User Group |
| <b>APPLY</b>      | Apply the changes made                                   |

#### 4.4.5 Exception TSLs

This tab displays all currently defined Exception TSLs entries. The top-left filter allows to inquire for an individual trader (User) or a TSLUserGroup. The Product filter allows to further refine the result. A context menu provides a list of valid entries.

**TSL Maintenance**

TSL Standard   TSL User Group   **Exception TSLs**   TSL Product Group   Product Assignment

User  TSLUserGroup  Product

Search...

|  | TSLUserGroup <sup>1</sup> | User <sup>2</sup> | Product <sup>3</sup> | MaxTESQty | MaxOrderQty | MaxCalendarSpreadQty | EffMaxTESQty | EffMaxOrderQty | EffMaxCalSpreadQty |
|--|---------------------------|-------------------|----------------------|-----------|-------------|----------------------|--------------|----------------|--------------------|
|  | 167                       |                   | FCSI                 | 10000     | 10000       | 10000                | 0            | 0              | 0                  |
|  | 167                       |                   | FCSP                 | 10000     | 10000       | 10000                | 0            | 0              | 0                  |
|  | 167                       |                   | FD01                 | 10000     | 10000       | 10000                | 0            | 0              | 0                  |
|  | 167                       |                   | FD02                 | 10000     | 10000       | 10000                | 0            | 0              | 0                  |
|  | 167                       |                   | OE3C                 | 9999      |             |                      | 0            | 0              | 0                  |
|  | 167                       |                   | OEU3                 |           |             | 0                    | 0            | 0              | 0                  |
|  | 167                       |                   | OGBL                 | 10000     | 10000       | 0                    | 0            | 0              | 0                  |
|  | 167                       |                   | OGBM                 | 10000     | 10000       | 0                    | 0            | 0              | 0                  |
|  | 167                       |                   | OGBS                 | 10000     | 10000       | 0                    | 0            | 0              | 0                  |

SUCCESS - 9 rows loaded

Below the table the button Show Users allows to quickly list all users of the selected TSL Group.

#### 4.4.5.1 Available Actions

| Action            | Description                                              |
|-------------------|----------------------------------------------------------|
| <b>ADD</b>        | Add an entry for exception TSLs.                         |
| <b>DELETE</b>     | Mark a selected row for deletion                         |
| <b>SHOW USERS</b> | Display all user assigned to the selected TSL User Group |
| <b>APPLY</b>      | Apply the changes made                                   |

**4.4.5.2 Column Description** For a description of the displayed columns please refer to the description of the [Standard TSLs](#) tab.

#### 4.4.6 TSL Product Group Tab

The TSL Product Group tab allows to quickly find the Product Group containing a specific product. Simply enter the product in the filter at the bottom of the view and press enter to see the matching product group being highlighted. All products of a group can be listed by clicking the Show Products button - if a group has been selected.

| TSLProductGroup | TSLProductGroupDescription         | MaxTESQtyByExch | MaxOrderQtyByExch | MaxCalSpreadQtyByExch | EffMaxTESQty | EffMaxOrderQty |
|-----------------|------------------------------------|-----------------|-------------------|-----------------------|--------------|----------------|
| OSTK26          | SINGLE STOCK OPTIONS               | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OINX28          | TAIFEX OPTIONS                     | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OINX15          | KOSPI                              | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OINX13          | INDEX OPTIONS                      | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OFVL31          | VOLATILITY INDEX OPTIONS           | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OFIT20          | OPTIONS ON MONEY MARKET FUTURES    | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| OFBD19          | OPTIONS ON INTEREST RATE FUTURES   | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| FXF             | CURRENCY FUTURES                   | 999,999         | 9,999             | 99,999                | 999,999      | 9,999          |
| FVOL30          | VOLATILITY INDEX FUTURES           | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| FSTK25          | SINGLE STOCK FUTURES               | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| FIPS38          | FIXED INCOME INTER PRODUCT SPREADS | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |
| FINX34          | TRADE AT REFERENCE PRICE           | 999,999         | 999,999           | 99,999                | 999,999      | 999,999        |

#### 4.4.6.1 Available Actions

| Action               | Description                                                  |
|----------------------|--------------------------------------------------------------|
| <b>SHOW PRODUCTS</b> | Display all contained products of the selected product group |
| <b>SHOW USERS</b>    | Display all user assigned to the selected TSL User Group     |

**4.4.6.2 Column Description** For a description of the displayed columns please refer to the description of the [Standard TSLs](#) tab.

#### 4.4.7 Product Assignment

The Product Assignment tab displays all products currently assigned to the member. This view is especially useful if no TSLUserGroups have been setup for this member. For a description of the displayed columns please refer to the description of the [Standard TSLs](#)

**4.4.7.1 Available Actions** No actions available on this tab.

## 4.5 Risk Controls

The *Risk Controls* view allows to quickly delete orders (and quotes) for a trader, Business Unit or a whole session. The view includes the *Panic Cancel* feature to quickly delete all orders and/or quotes for a given product for a user or Business Unit. To access all functions of this view, a user must have the *Supervisor* user level and the *Emergency Trading Stop* entitlement role.

### 4.5.1 View Details

This view provides *Panic Cancel* actions which delete orders and/or quotes for a single user or Business Unit. A step-by-step wizard guides the user through the deletion process.

The screenshot shows the 'Risk Controls' window with a blue header bar containing a menu icon, a refresh icon, and a close icon. Below the header, the text 'Ownership Context' is displayed. There are four radio button options: 'Logged-in User (Orders only)' (selected), 'Single User (Orders only)', 'Session (Orders, Quotes or Orders and Quotes)', and 'BU (Orders, Quotes or Orders and Quotes)'. At the bottom, a progress bar shows six steps: 1. BU / User, 2. Product, 3. Order / Quotes, 4. Filter / MiFID, 5. Finish, and 6. Result. Below the progress bar are buttons for 'BACK', 'NEXT', 'FINISH', and 'CANCEL'.

**A single action in this view may delete multiple orders and/or quotes, so it can produce multiple positive and/or negative results. Only the last result is displayed in the status bar.**

**To see all results, double-click the status bar and open *Risk Controls - Log Messages*.**

### 4.5.2 Panic Cancel

*Panic Cancel* is a **delete-all** instruction with a predefined filter. The filter criteria include

- ownership of orders or quotes,
- BU,
- user,
- session

- and affected products (belonging to a market).

Affected users are notified about the Panic Cancel action. A regular user (trader or market maker) can perform *Panic Cancel* for own orders. A supervisor user can perform *Panic Cancel* actions affecting the entire BU.

#### 4.5.2.1 Scope and effect overview

| Actor                                     | Scope                                          | Effect                                            |
|-------------------------------------------|------------------------------------------------|---------------------------------------------------|
| Regular Trader / Head Trader / Supervisor | BU and selected user scope (depending on role) | All own orders                                    |
| Market Maker                              | BU, Session                                    | All own quotes                                    |
| Supervisor                                | BU                                             | Orders and quotes, or orders only, or quotes only |

#### 4.5.3 Risk Controls Wizard

The wizard comprise several steps before concluding in deleting the orders/quotes according to the previously made selection. The steps comprise

- Ownership context - individual user, session or Business Unit
- Tradeable entity context - product or instrument
- Deletion context - orders, quote, time frame

**An explicit user confirmation is needed by ticking the checkbox prior to the deletion.**

#### 4.5.4 Available Actions

Only the wizard specific actions are available:

| Action        | Description                              |
|---------------|------------------------------------------|
| <b>BACK</b>   | One step back                            |
| <b>NEXT</b>   | Advance one step                         |
| <b>FINISH</b> | Close the wizard and return to main view |

| Action        | Description                                              |
|---------------|----------------------------------------------------------|
| <b>CANCEL</b> | Cancel the wizard without saving and return to main view |

#### 4.5.5 Columns Description

This view does not feature a data table so no columns exists that could be described.

### 4.6 Stop Release BU & User

The *Stop Release* view offers functions to stop member from trading and release them again if appropriate. Member can be a whole Business Unit or a single user. An Admin user must be properly authorized to use these functions.

This view updates automatically to reflect the current state of all stop and release actions.

#### 4.6.1 View Details

The view contains two tabs *Stop Release Business Unit* and *Stop Release User*. Functionally both tabs are identical; the only difference is the scope of the actions, i.e. an entire Business Unit or a single user. Therefore all information applies to both tabs with exceptions explicitly stated.

| ID   | LoginName   | SpAUnit | State | StopTimeMS | StoppedByMS | StopTime | StoppedBy | StoppedByReq | ActionType | CreatedByLoginName |
|------|-------------|---------|-------|------------|-------------|----------|-----------|--------------|------------|--------------------|
| 2353 | ABCFRSAB011 | SA-1    | OK    |            |             |          |           |              |            |                    |
| 2354 | ABCFRSAB021 | SA-2    | OK    |            |             |          |           |              |            |                    |
| 2361 | ABCFRSAU101 | SA-1    | OK    |            |             |          |           |              |            |                    |
| 2345 | ABCFRSAU102 | SA-1    | OK    |            |             |          |           |              |            |                    |
| 2338 | ABCFRSAU201 | SA-2    | OK    |            |             |          |           |              |            |                    |
| 2346 | ABCFRSAU202 | SA-2    | OK    |            |             |          |           |              |            |                    |

When opened, the view lists all associated BUs or the available users and their current state.

Stop and release actions can be subject to either the four-eyes principle (4EP) or the two-eyes principle (2EP). The 4EP workflow requires a second authorized Admin user to approve (or reject) a Stop (or release) action. The 2EP workflow requires only one authorized Admin user to complete a transaction.

**Stop Release BU** always requires a 4EP workflow. To facilitate this, the view provides Approve and Reject actions for the approving Admin user.

**Stop Release User** requires either 4EP or 2EP workflow, depending on the member's setup. **The default** is 4EP. An user can enable 2EP by assigning the entitlement role EMERGENCYTRADINGSTOP USER 2EP in the *User Maintenance* view. Under the 2EP workflow, explicit Approve and Reject actions by a second user are not required.

To initiate a Stop action the record with the filled ActionType needs to be selected. If the correct row has been selected, the action buttons at the bottom of the view get enabled. The Release action follows the same logic.

The stop and release actions are effective for the entire Business Unit or a single user in a particular market.

The Stop Business Unit effectively prevents a Business Unit from the further entry of orders and quotes. In order to prevent any existing orders and quotes from matching, this Stop action also triggers the *Panic Cancel* function, that is a mass deletion of orders and quotes.

Please note the table columns differ slightly in either tab, so be sure to check the details in the Columns description below.

***Sponsored Access Traders can be identified by the SpAUnitName column in the Stop Release Users tab.***

#### 4.6.2 Available Actions

| Action         | Description                                                                          |
|----------------|--------------------------------------------------------------------------------------|
| <b>STOP</b>    | Execute <i>stop trading</i> action for the selected Business Unit                    |
| <b>RELEASE</b> | Execute <i>release for trading</i> action for the selected and stopped Business Unit |
| <b>APPROVE</b> | Approve the <i>stop</i> or <i>release</i> action                                     |
| <b>REJECT</b>  | Reject the stop or release action                                                    |

#### 4.6.3 Column Description - Stop Release BU

| Column             | Description                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------|
| ActionType         | STOP or RELEASE (filled only before approve/reject)                                               |
| BU                 | BU name who shall be stopped or released                                                          |
| CreatedByLoginName | User name who initiated the STOP/RELEASE action (filled only before approve/reject)               |
| CreationTime       | Date and time at which the STOP/RELEASE action was initiated (filled only before approve/reject ) |
| ID                 | BusinessUnit ID                                                                                   |
| OnbehalfOf         | Filled when acting as on-behalf user                                                              |
| State              | Current state of the Business unit                                                                |
| StoppedBy          | administrator name who initiated the stop action                                                  |

---

| Column           | Description                                                      |
|------------------|------------------------------------------------------------------|
| StoppedByClearer | Clearer name who executed the stop action                        |
| StoppedByMS      | Name of the Market Supervision user who executed the stop action |
| StopTime         | Date and time of the stop action by the administrator            |
| StopTimeClearer  | Date and time of the stop action by Clearer                      |
| StopTimeMS       | Date and time of the stop action by Market Supervision           |

---

#### 4.6.4 Column Description - Stop Release User

---

| Column             | Description                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
| ActionType         | STOP or RELEASE (filled only before approve/reject)                                                                 |
| CreatedByLoginName | User name who initiated the STOP/RELEASE action <i>filled only before approve/reject</i>                            |
| CreationTime       | Date and time at which the STOP/RELEASE action was initiated <i>filled only before approve/reject</i>               |
| ID                 | User ID                                                                                                             |
| LoginName          | Login name of user who shall be stopped or released                                                                 |
| OnbehalfOf         | Filled when acting as on-behalf user                                                                                |
| SpAUnit            | Name of the <i>Sponsored Access</i> Business Unit the user belongs to <i>filled only for Sponsored Access users</i> |
| State              | Release status of the user                                                                                          |
| StoppedBy          | administrator name who initiated the stop action                                                                    |

---

---

| Column       | Description                                                      |
|--------------|------------------------------------------------------------------|
| StoppedByReq | Filled if user was stopped by stop trading request via API       |
| StoppedByMS  | Name of the Market Supervision user who executed the stop action |
| StopTime     | Date and time of the stop action by the administrator            |
| StopTimeMS   | Date and time of the stop action by Market Supervision           |

---

## 5 Admin Views: Info and Support

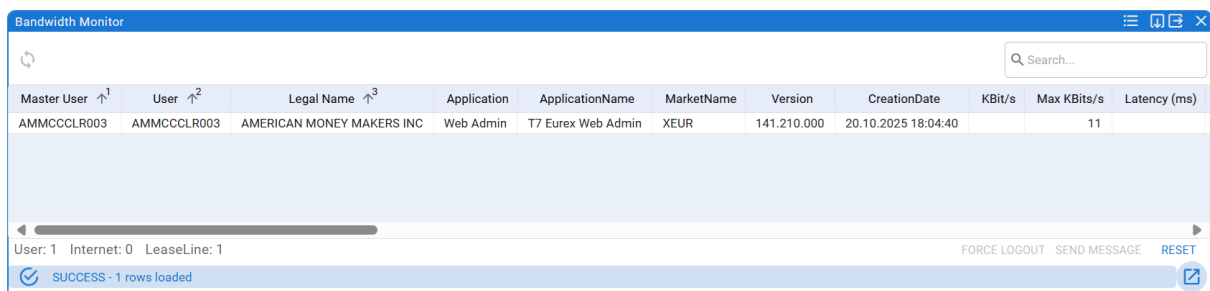
### 5.1 Bandwidth Monitor

This view provides an overview of the current and maximum bandwidth consumption and connection latency for the currently logged in users.

#### 5.1.1 View Details

When the view is opened, currently active GUI sessions and metrics such as bandwidth, data usage and latency are displayed.

The bandwidth figure displays the net amount of bytes/s delivered to the client application (not counting any transport layer overhead). In addition incoming traffic from the client application is not counted.



| Master User <sup>1</sup> | User <sup>2</sup> | Legal Name <sup>3</sup>   | Application | ApplicationName    | MarketName | Version     | CreationDate        | KBit/s | Max KBits/s | Latency (ms) |
|--------------------------|-------------------|---------------------------|-------------|--------------------|------------|-------------|---------------------|--------|-------------|--------------|
| AMMCCCLR003              | AMMCCCLR003       | AMERICAN MONEY MAKERS INC | Web Admin   | T7 Eurex Web Admin | XEUR       | 141.210.000 | 20.10.2025 18:04:40 |        | 11          |              |

User: 1 Internet: 0 LeaseLine: 1

FORCE LOGOUT SEND MESSAGE RESET

SUCCESS - 1 rows loaded

#### 5.1.2 Available Actions

| Action                    | Description                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Force GUI Shutdown</b> | Send a freetext warning message and shutdown selected session. A time intervall for shutdown can be specified in the message. |
| <b>Send Admin Message</b> | Send a freetext message to the selected GUI session.                                                                          |
| <b>Reset</b>              | Displayed maximum figures for bandwidth and latency are set to 0 for the selected row(s).                                     |

## 5.2 Chat History

This view allows to inquire all chat messages that have been sent while using the *Trade Entry Services* or the *Eurex EnLight* functionality.

### 5.2.1 View Details

To list all chat messages that have been sent while using the Trade Entry Services the tab TES Chat History needs to be selected.

Similarly, clicking the tab Eurex EnLight Chat History lists all chat messages that have been entered while using the Eurex EnLight functionality.

In order to get chat messages displayed, a start- and end date must be entered or selected from the calendar pop-up.

| Message                                                               | Sender          | Receiver        | Received | TimeStamp           | ProductSymbol | Contract                                             | TradeId   | Market |
|-----------------------------------------------------------------------|-----------------|-----------------|----------|---------------------|---------------|------------------------------------------------------|-----------|--------|
| we negotiated a different price please check for typos or so, thanks! | ABCFRTRD004_GUI | ABCFRTRD001_GUI | true     | 18.12.2025 16:45:56 | ODAX          | ODAX BER 250 Mar14 5300 - 5200 vs 1 FDAX Dec13 @5450 | 150994945 | 1      |
| no prob will call you shortly                                         | ABCFRTRD001_GUI | ABCFRTRD004_GUI | false    | 18.12.2025 16:48:48 | ODAX          | ODAX BER 250 Mar14 5300 - 5200 vs 1 FDAX Dec13 @5450 | 150994945 | 1      |

### 5.2.2 Columns description

| Column        | Description                                         |
|---------------|-----------------------------------------------------|
| Contract      | Contract for which the message was sent             |
| Market        | Related market identifier                           |
| Message       | Chat message                                        |
| ProductSymbol | Product for which the message was sent              |
| Received      | Indicates whether the receiver has read the message |
| Receiver      | Login name of user receiving the message            |
| Sender        | Login name of the user sending the message          |

| Column    | Description                   |
|-----------|-------------------------------|
| Timestamp | Date and time of transmission |
| TradeID   | Related TES trade ID          |

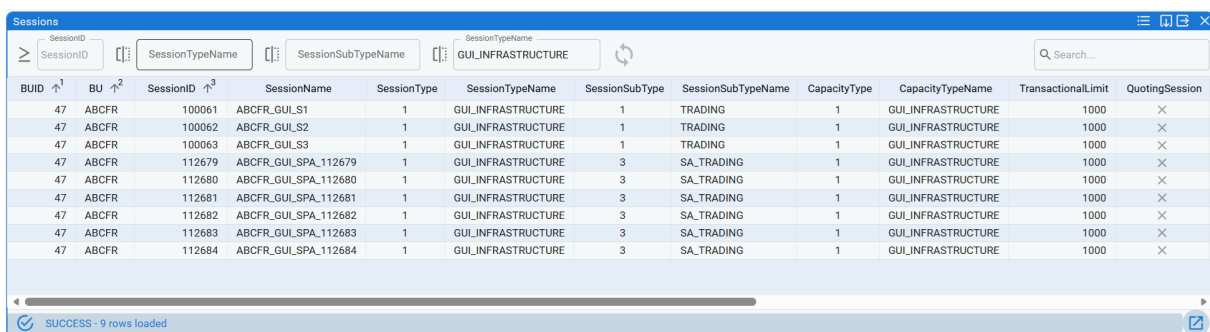
The EnLight Chat History tab features two additional Eurex EnLight specific columns:

| Column | Description                    |
|--------|--------------------------------|
| Anonym | indicates anonymous respondent |
| Role   | Eurex EnLight role             |

## 5.3 Sessions

The Sessions view provides an overview of all active sessions of the Admin member. It also provides the mapping between SessionID, SessionName and displays the SessionType along with the CapacityType of the respective session.

### 5.3.1 View Details



| BUID | BU    | SessionID | SessionName          | SessionType | SessionTypeName    | SessionSubType | SessionSubTypeName | CapacityType | CapacityTypeName   | TransactionalLimit | QuotingSession |
|------|-------|-----------|----------------------|-------------|--------------------|----------------|--------------------|--------------|--------------------|--------------------|----------------|
| 47   | ABCFR | 100061    | ABCFR_GUL_S1         | 1           | GUL_INFRASTRUCTURE | 1              | TRADING            | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 100062    | ABCFR_GUL_S2         | 1           | GUL_INFRASTRUCTURE | 1              | TRADING            | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 100063    | ABCFR_GUL_S3         | 1           | GUL_INFRASTRUCTURE | 1              | TRADING            | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112679    | ABCFR_GUL_SPA_112679 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112680    | ABCFR_GUL_SPA_112680 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112681    | ABCFR_GUL_SPA_112681 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112682    | ABCFR_GUL_SPA_112682 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112683    | ABCFR_GUL_SPA_112683 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |
| 47   | ABCFR | 112684    | ABCFR_GUL_SPA_112684 | 1           | GUL_INFRASTRUCTURE | 3              | SA_TRADING         | 1            | GUL_INFRASTRUCTURE | 1000               | ×              |

SUCCESS - 9 rows loaded

### 5.3.2 Available Actions

None.

### 5.3.3 Columns Description

| Column             | Description                                                                |
|--------------------|----------------------------------------------------------------------------|
| BackOfficeSession  | Flag to indicate a backoffice session                                      |
| BU                 | Business Unit name                                                         |
| BUID               | Numeric ID of the BusinessUnit                                             |
| CapacityType       | Numeric value of the capacity type                                         |
| CapacityTypeName   | Name of the capacity type                                                  |
| PrimGwAddr         | Primary gateway address                                                    |
| PrimGwPort         | Primary gateway port                                                       |
| QuotingSession     | Flag to indicate a quoting session                                         |
| SecGwAddr          | Secondary gateway address                                                  |
| SecGwPort          | Secondary gateway port                                                     |
| SessionID          | Numeric session ID                                                         |
| SessionName        | Name of the session                                                        |
| SessionSubType     | Numerical sub type of the session                                          |
| SessionSubTypeName | Name of the sub session type, e.g. BACKOFFICE                              |
| SessionType        | Numerical type of the session                                              |
| SessionTypeName    | Name of the session type, e.g.<br>FIX_LOW_FREQUENCY,<br>GUI_INFRASTRUCTURE |
| SpAUnitID          | Numeric identifier of the <i>Sponsored Access</i><br>Business unit         |
| SpAUnitName        | Name of the <i>Sponsored Access</i> Business unit the<br>entity belongs to |
| SpAUser            | Business Unit name of the actual SpA user                                  |
| SpAUserPartnerID   | Numeric identifier of the partner of the SpA BU                            |

| Column             | Description                      |
|--------------------|----------------------------------|
| TransactionalLimit | Transaction limit of the session |

## 5.4 News Board

This view displays important public and private trading relevant messages. A click on the Title or Text cell displays the full message in a text box.

### 5.4.1 View Details

The display can be refined by setting an individual starting time. By default, messages are sorted in descending order by date and time. Click any column header to change the sort order. The view updates automatically, displaying incoming news items without requiring a manual refresh.

Please note, an individually set time will be reset to default when the user logs in again.

| Source      | Type | Market | Time ↓                  | Product | Title                                                     |
|-------------|------|--------|-------------------------|---------|-----------------------------------------------------------|
| SYSTEM      | Info | XEUR   | 24.10.2025 15:05:36.435 |         | MarketData available again                                |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.567 |         | Order Management Service is up: On-Exchange Trading in... |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.531 | TRFC    | FAST_MARKET - TRFC Product ID [112]                       |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.531 | ONIX    | FAST_MARKET - ONIX Product ID [316]                       |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.531 | TRFA    | FAST_MARKET - TRFA Product ID [110]                       |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.531 | OESX    | FAST_MARKET - OESX Product ID [53]                        |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:21.531 | FNIX    | FAST_MARKET - FNIX Product ID [304]                       |
| SYSTEM-NEWS | Info | XEUR   | 24.10.2025 15:05:20.539 | ONIX    | MARKET_RESET for Partition ID [2] - ONIX Product ID [320] |

### 5.4.2 News Sources

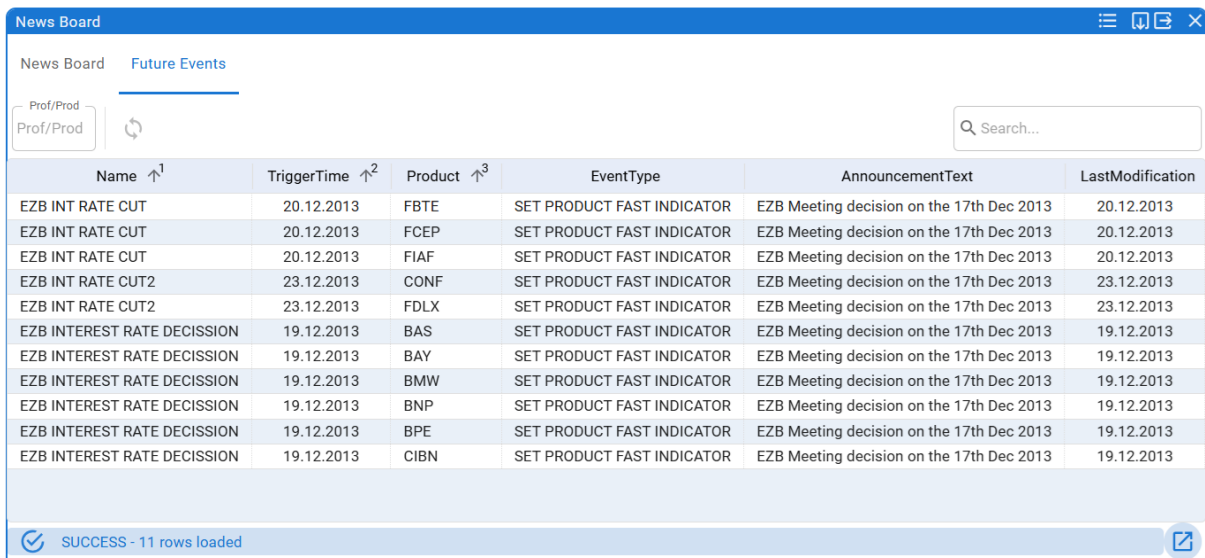
The view features two main news categories:

- **System News:** Broadcasts technical system events. For example, whenever an instrument is suspended, a System News message is automatically generated.
- **Market News:** Displays official exchange notices from Market Supervision, including new product launches, delayed trading starts, and instrument suspensions.

All news sources, that are displayed, are

- MS-News: Market Operation messages, published by the exchange.
- System-News: System generated news, such as Fast Market or product suspension.
- GUI: Messages which originate from all GUI views as a result of user interaction. These are the messages that are also displayed in the status bar of the respective view.
- Legal: Notification about the stop/release trading of a user or Business Unit.

The tab **Future Events** displays all upcoming single scheduled NonStandardEvents that are marked for announcement for the actual and upcoming business days.



| Name <sup>↑1</sup>         | TriggerTime <sup>↑2</sup> | Product <sup>↑3</sup> | EventType                  | AnnouncementText                          | LastModification |
|----------------------------|---------------------------|-----------------------|----------------------------|-------------------------------------------|------------------|
| EZB INT RATE CUT           | 20.12.2013                | FBTE                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 20.12.2013       |
| EZB INT RATE CUT           | 20.12.2013                | FCEP                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 20.12.2013       |
| EZB INT RATE CUT           | 20.12.2013                | FIAF                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 20.12.2013       |
| EZB INT RATE CUT2          | 23.12.2013                | CONF                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 23.12.2013       |
| EZB INT RATE CUT2          | 23.12.2013                | FDLX                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 23.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | BAS                   | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | BAY                   | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | BMW                   | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | BNP                   | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | BPE                   | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |
| EZB INTEREST RATE DECISION | 19.12.2013                | CIBN                  | SET PRODUCT FAST INDICATOR | EZB Meeting decision on the 17th Dec 2013 | 19.12.2013       |

✓ SUCCESS - 11 rows loaded

### 5.4.3 Available Actions

None.

### 5.4.4 Columns Description

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| Column   | Description                                   |
|----------|-----------------------------------------------|
| Contract | Contract information                          |
| Market   | MIC of the respective market                  |
| Product  | Product symbol                                |
| Source   | Source of the news, such as SYSTEM, MS, RISK  |
| Text     | News message                                  |
| Time     | Date and time the news was published          |
| Title    | News title                                    |
| Type     | The news category, such as Info, Error, Alert |

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## 6 Changelog

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| Rel. | Chapter          | Date        | Change                              |
|------|------------------|-------------|-------------------------------------|
| 14.1 | <whole document> | 27-MAR-2026 | CREATION of new Eurex admin manual  |
| 14.1 | 3.8, 4.3         | 18-MAY-2026 | Sponsored Access Wave 2             |
| 15.0 | 3.9              | 01-SEP-2026 | SpA TES trader setup                |
| 15.0 | 3.8, 3.9, 4.4    | 01-SEP-2026 | Stop trading for SpA user           |
| 15.0 | 3.1              | 01-SEP-2026 | Off-book features for SpA           |
| 15.0 | 3.6, 3.7, 3.8    | 01-SEP-2026 | EDC session monitoring of SpA units |
| 15.0 | 3.6, 4.4         | 01-SEP-2026 | 2EP workflow for Stop User          |

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