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ATHEX Trader  
Installation  
Instructions

## Document Management

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## Revision List

Version	Date	Paragraph	Change Description
1	30/07/2024		Initial Version
2	17/10/2024		Second Version
2.1	25/10/2024		Add Installation URL & Production Technical Instructions

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## 1. Introduction

**ATHEX Trader** is a client-based order management application that can be installed on any terminal without the need for activating and maintaining a node by the Trading Members.

It is a user-friendly application that includes automation features to facilitate the user in entering and managing their orders. Additionally, it provides tools for more immediate and comprehensive real-time monitoring of the user's clients' positions (Intraday P&L). The application offers enhanced services regarding the entry of simple orders into OASIS as well as the management of large orders (Manual Care Orders functionality).

This document contains concise installation and connection instructions for the **ATHEX Trader** application.

## 2. ATHEX Trader Installation URL

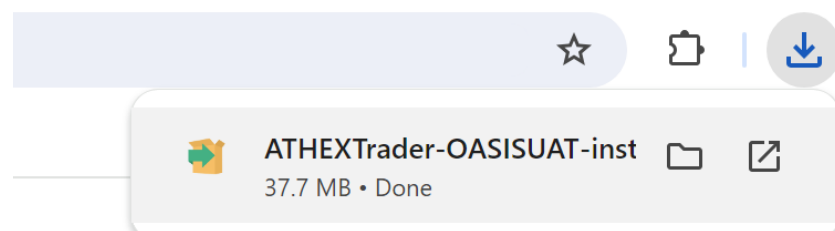
The installation of the application is done via the internet, specifically through the following link:

**UAT** environment: <https://uat-at-xoas.athexgroup.gr/deploy/OTYUIOW2/ATHEXTrader-OASISUAT-installer.exe>

**PRD** environment: <https://prod-at-xoas.athexgroup.gr/deploy/OFBKACD/ATHEXTrader-OASIS-installer.exe>

## 3. Installation Procedure

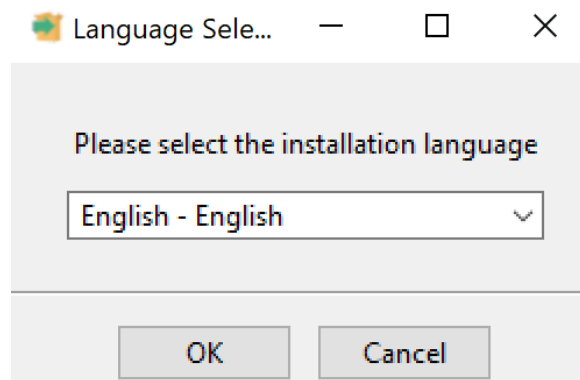
When the user selects the above link, the file **ATHEXTrader-OASISUAT-installer** is downloaded, which is executed with double click.



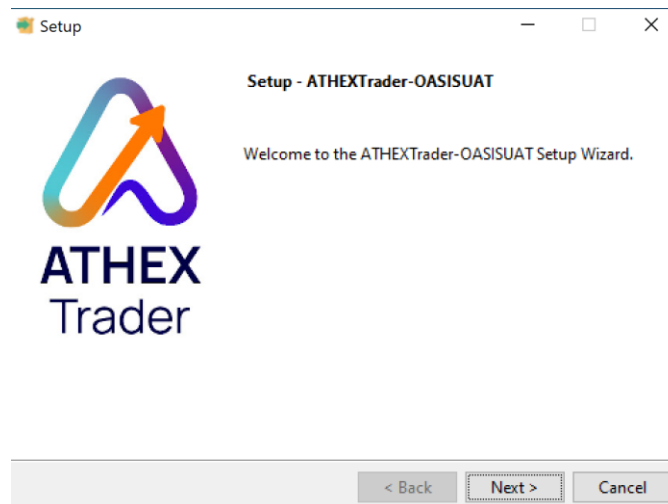
Then, the following screen appears momentarily:



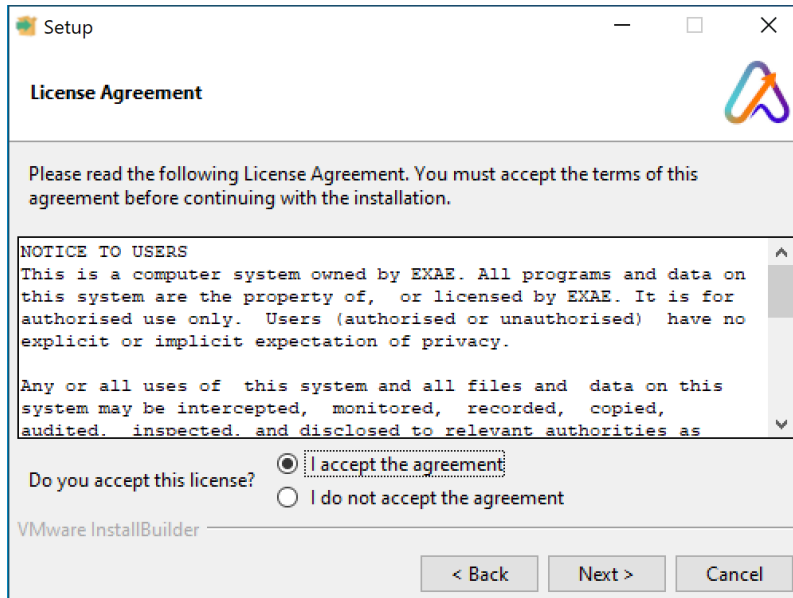
In the following window, you select the desired **installation language**:



The installation begins by selecting "Next":

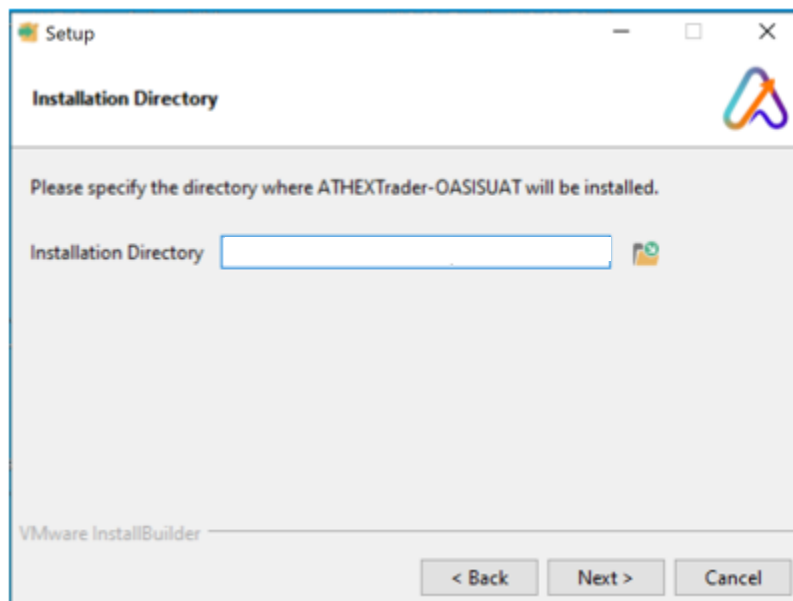


The user accepts the terms of the **license agreement** and selects "Next.":

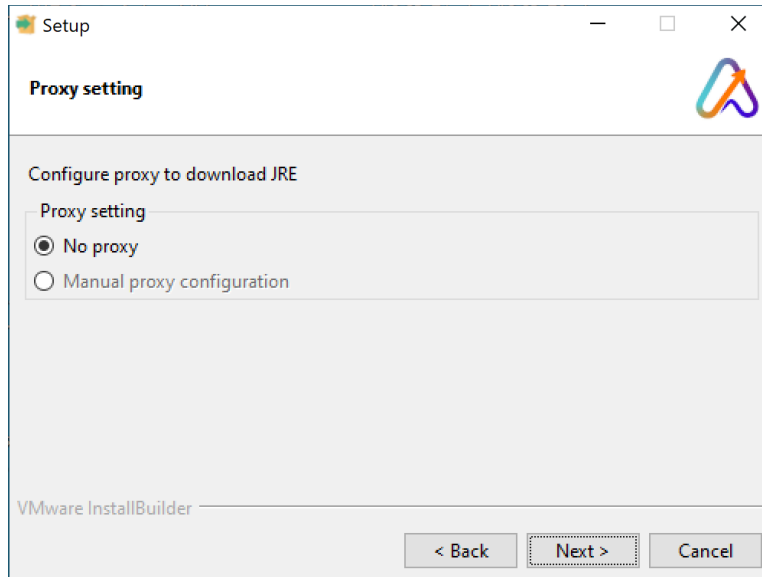


In the window that appears, the **folder** where the application will be installed is pre-selected (the user can choose any other folder).

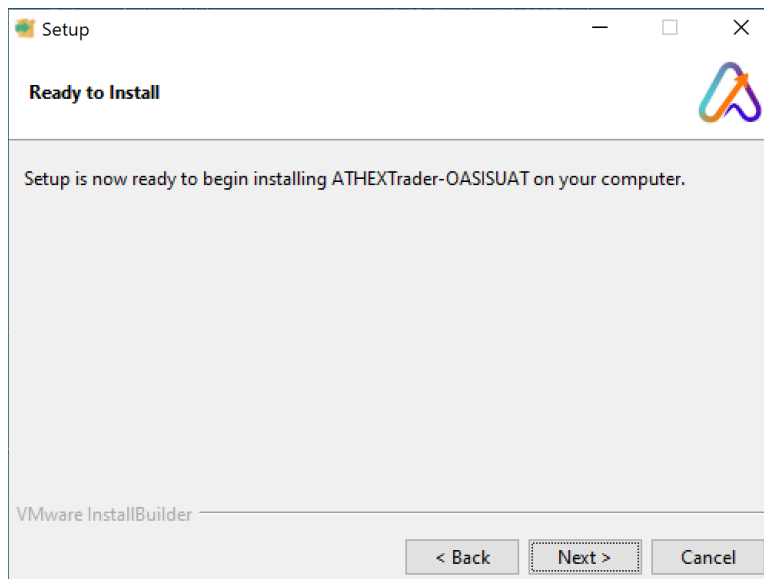
By selecting "Next," the installation process continues in the chosen folder:



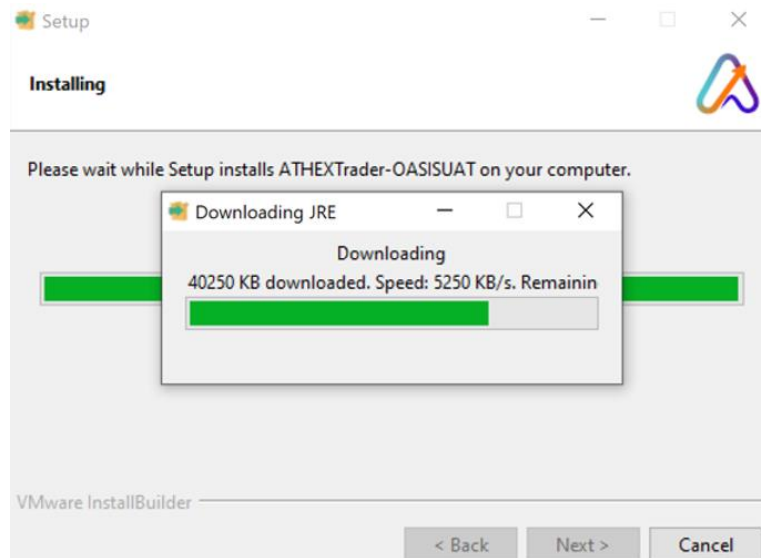
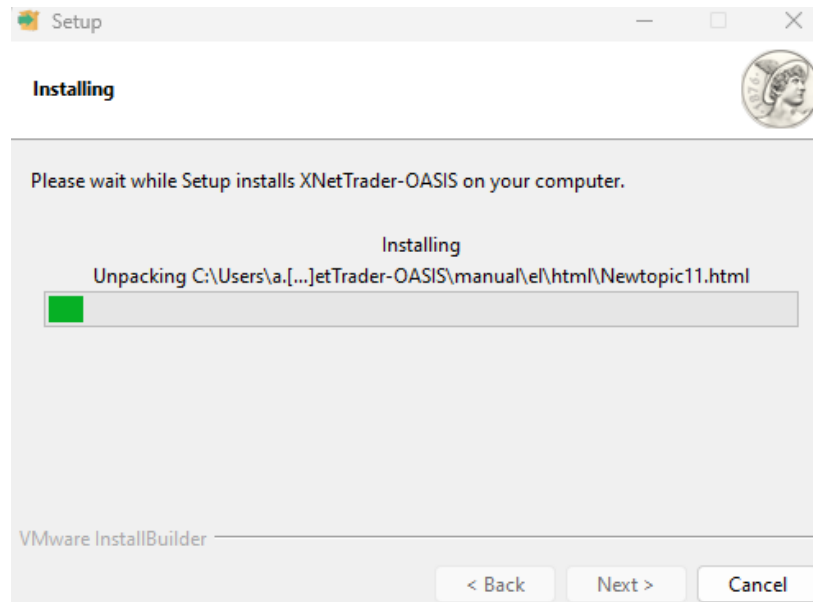
In the next window, the default option "**No proxy**" is displayed, and the user selects "Next.":



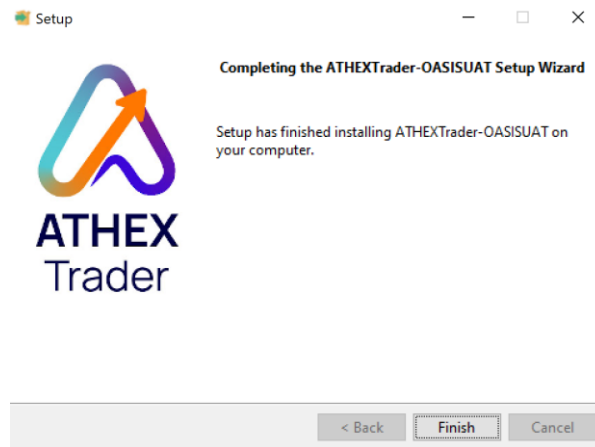
In the installation start notification message, the user selects "Next":



During the installation, the following window appears:

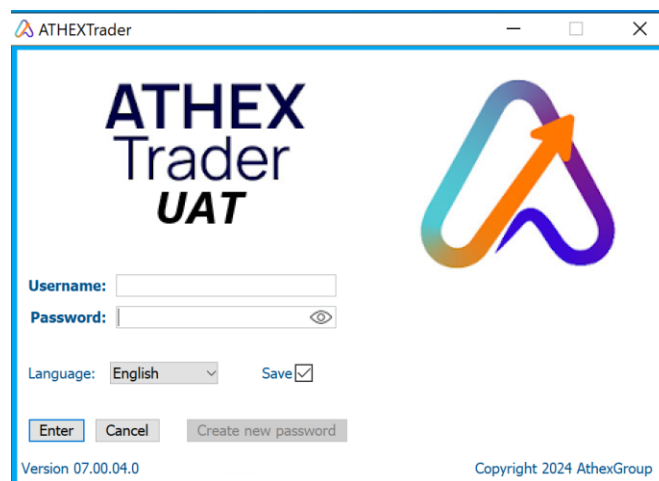


Once the installation process is complete, the user selects "Finish":



A shortcut for the application is created on the desktop, and the installation is completed.

Next, the login screen appears, where the user must enter their username (email address) in the "Username" field and the password they have set in the "Password" field:



## 4. Password Initialization Instructions for UAT

After successfully installing the application in **UAT**, **ATHEX Trader users** should follow the steps below to set their **password**:

- In the above screen, the user enters their email address in the **Username** field (the **Password** field remains empty)
- The "**Create New Password**" field is selected, and by following the instructions for creating a temporary password, an SMS is sent to the user's mobile phone.

## 5. Password Initialization Instructions for Production

In order for the user to connect to the **production environment** of OASIS via the ATHEX Trader application, the user must, after completing the installation of the application, (1) install the relevant certificate received from the PKI service, and (2) set the password.

Users who are already connected to **OASIS XNET Trader** for the Derivatives market or the Gas market will use the **existing certificate**, which they will copy into the "**certs**" folder created by the new installation. Consequently, **a certificate with the same PIN** will be used for both connecting to OASIS XNET Trader (Gas market) and connecting to ATHEX Trader (Derivatives market).



The screenshot shows the ATHEX Trader login window. The window title is "ATHEXTrader". The main content area features the ATHEX Trader logo on the left and a large stylized logo on the right. Below the logos are several input fields: "Username:" with an empty text box, "Password:" with an empty text box and an eye icon, "Certificate:" with a dropdown menu showing "XNET TRADER 58 ID...", and "PIN:" with an empty text box and an eye icon. There is also a "Language:" dropdown menu set to "English" and a "Save" checkbox which is checked. At the bottom, there are three buttons: "Enter", "Cancel", and "Create new password". The version number "Version 07.00.15.0" is displayed in the bottom left corner, and "Copyright 2024 AthexGroup" is in the bottom right corner.

**All ATHEX Trader users** must follow the procedures below to initialize their **password**.

In the Login window, if the user has successfully copied their certificate, they will see the "**Certificate**" field populated.

In the "Password" field located below the "**Certificate**" field, the user enters the **PIN** they received from the PKI service and are already using for OASIS XNET Trader. Then, they enter their email address in the "Username" field and select "Create new password" to set their password. Ακολουθώντας τις παραπάνω οδηγίες, ο χρήστης ATHEX Trader ορίζει τον κωδικό πρόσβασης στην εφαρμογή τηρώντας τις ακόλουθες αρχές:

- It must contain at least 8 characters.
- It must include at least 1 numeric character.
- It must include at least 1 uppercase letter.
- It must include at least 1 lowercase letter.
- It may contain symbols.
- It does not include Greek characters.
- The new password must not have been used in the last 365 days.
- The password expires every 90 calendar days.
- The account locks after 15 failed attempts.
- If a user does not log in for 90 days, the account will be locked.

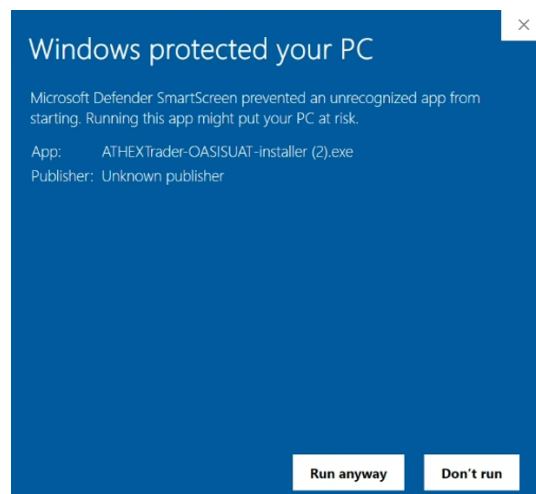
## 6. APPENDIX – Technical Instructions

**ATHEX Trader** application is a desktop application that requires installation on the computer. Since the installation does not take place on a terminal and due to the heightened sensitivity regarding cybersecurity issues, it is very likely that the user's antivirus software will flag the ATHEX Trader installation program as malicious. In this case, the user will need to bypass the protection mechanism.

The installation instructions provide an example of bypassing the built-in antivirus Defender in Windows.



In this case, the user selects "More info" and then "Run anyway."



Other antivirus software will require different handling, which may necessitate intervention from the IT support department of the Trading Member.

If there are communication issues with the central systems of the Exchange during the startup of ATHEX Trader, it is likely that some protection system (antivirus, firewall, proxy, etc.) is interfering. In this case, the IT department of the Trading Member will need to intervene.

The addresses that ATHEX Trader will attempt to connect to in the **UAT** environment are as follows:

193.242.254.214	uat-fcr-oasis.athexgroup.gr
193.242.254.215	uat-fcd-oasis.athexgroup.gr
193.242.254.216	uat-ps-oasis.athexgroup.gr
193.242.254.217	uat-cws-oasis.athexgroup.gr
193.242.254.160	uat-at-xoas.athexgroup.gr
193.242.254.161	uat-at-mop.athexgroup.gr

The addresses that ATHEX Trader will attempt to connect to in the **production** environment are as follows:

193.242.254.218	fcr-oasis.athexgroup.gr/ping
193.242.254.219	fcd-oasis.athexgroup.gr/ping
193.242.254.220	ps-oasis.athexgroup.gr/ping
193.242.254.221	cws-oasis.athexgroup.gr/ping
193.242.254.170	prod-at-xoas.athexgroup.gr
193.242.254.171	prod-at-mop.athexgroup.gr/ping

In all cases, the connections are made on port 443 (https).

For **prod-at-xoas.athexgroup.gr**, access must also be allowed on port 80.

If a proxy is in between, it must be a non-buffering proxy.

## 7. ATHEX Trader

### 7.1 Access

Access to ATHEX Trader is available to users who connect to the production environment with OASIS XNET Trader, assigned with a role defined through the ETSS User Admin Tool managed by the Hellenic Energy Exchange (HEnEx).

Instructions for the successful installation of the application and connection via ATHEX Trader can be found in the document *“ATHEX Trader Installation Instructions\_ENEX\_ver2.1”*.

Please note that:

- All **ATHEX Trader users** must set a new **password**.
- The **certificate** will be the same as that of the existing OASIS XNET Trader and must be copied into the “certs” folder of the new installation.

On the new URL, you will be able to perform a connectivity test starting **Thursday, October 31**, after coordinating with the Configuration Department of Athens Exchange.

### 7.2 Roles and Users

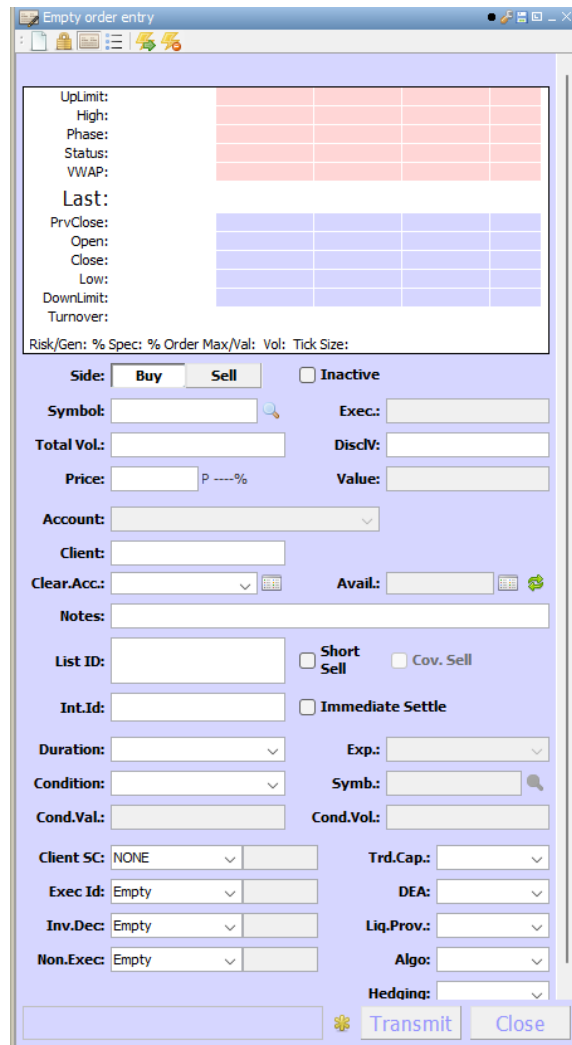
The ATHEX Trader users will be the same as the existing users in OASIS XNET Trader for the Derivatives market of HEnEx.

User roles and access permissions in ATHEX Trader will remain the same as those in OASIS XNET Trader for the Derivatives market of HEnEx.

### 7.3 Order Entry

The order entry functionality in ATHEX Trader is very similar to that of OASIS XNET Trader in the Derivatives market of HEnEx, with some improvements in fields that are not utilized.

The user has the ability to enter a buy or sell order in the Main Table by selecting **New → Order Entry** or by using **F4** for buying and **F12** for selling.



The screenshot shows the 'Empty order entry' window with the following fields and controls:

- Market Data Grid:** A grid with columns for UpLimit, High, Phase, Status, VWAP, Last, PrvClose, Open, Close, Low, DownLimit, and Turnover.
- Order Entry Fields:**
  - Side:** Buy, Sell, Inactive (radio buttons)
  - Symbol:** Text input with a search icon
  - Exec.:** Text input
  - Total Vol.:** Text input
  - DiscIV:** Text input
  - Price:** Text input with a price increment dropdown (P ----%)
  - Value:** Text input
  - Account:** Dropdown menu
  - Client:** Text input
  - Clear.Acc.:** Dropdown menu
  - Avail.:** Text input with a refresh icon
  - Notes:** Text area
  - List ID:** Text input
  - Short Sell:** Radio button
  - Cov. Sell:** Radio button
  - Int.Id:** Text input
  - Immediate Settle:** Radio button
  - Duration:** Dropdown menu
  - Exp.:** Dropdown menu
  - Condition:** Dropdown menu
  - Symb.:** Text input with a search icon
  - Cond.Val.:** Text input
  - Cond.Vol.:** Text input
  - Client SC:** Dropdown menu (NONE)
  - Trd.Cap.:** Dropdown menu
  - Exec Id:** Dropdown menu (Empty)
  - DEA:** Dropdown menu
  - Inv.Dec:** Dropdown menu (Empty)
  - Liq.Prov.:** Dropdown menu
  - Non.Exec:** Dropdown menu (Empty)
  - Algo:** Dropdown menu
  - Hedging:** Dropdown menu
- Buttons:** Transmit (with a star icon), Close

### 7.3.1 Order Entry Field Descriptions

The fields that must be filled out for the correct entry of a new order are as follows:

- **Side:** button that focus as Buy (F4) or Sell (F12) respectively.
- **Symbol:** includes the symbol of the product.
  - If the symbol entered by the user does not exist, a red exclamation mark appears next to the symbol, and hovering the mouse over it displays the message "**Unknown Instrument**".
  - If the user does not have access to the market, a red exclamation mark appears next to the symbol, and hovering the mouse over it displays the message "**Invalid Order Routing.**"
- **Total Vol:** total quantity of the order.
- **DiscIV:** the disclosed quantity of the order that the user wishes to display in the market.
- **Price:** The worst price at which the client wants their order to be executed. If the price is not within a valid price increment, a red exclamation mark appears next to the price, and hovering the mouse over it displays the message "**Order Price is not on a valid price tick**". If the price

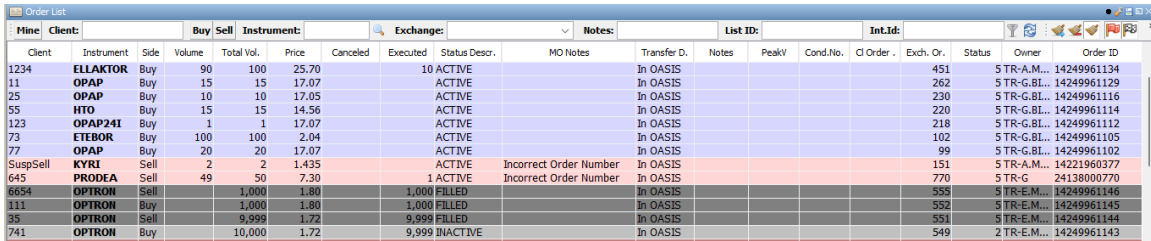
is outside the fluctuation limits, a red exclamation mark appears next to the price, and hovering the mouse over it displays the message "Order Price is above/below floor level".

### 7.3.2 Order Monitoring

Order monitoring in ATHEX Trader is similar to order monitoring in OASIS XNET Trader in the Derivatives market of HEnEx, with some improvements such as enhanced search filters.

When an order is entered by the user, there is an option to monitor and manage it through the "Orders" section.

This screen is activated by selecting **New → Orders** and includes all the orders of the Member. Each user can view and manage the orders they are entitled to based on their role.



Client	Instrument	Side	Volume	Total Vol.	Price	Canceled	Executed	Status Descr.	MO Notes	Transfer D.	Notes	PeakV	Contd.No.	Cl Order	Exch. Or.	Status	Owner	Order ID
1234	ELLAKTOR	Buy	90	100	25.70		10	ACTIVE		In OASIS					451	5 TR-A.M...	14249961134	
11	OPAP	Buy	15	15	17.07			ACTIVE		In OASIS					262	5 TR-G.BL...	14249961129	
25	OPAP	Buy	10	10	17.05			ACTIVE		In OASIS					230	5 TR-G.BL...	14249961116	
55	HTO	Buy	15	15	14.56			ACTIVE		In OASIS					220	5 TR-G.BL...	14249961114	
123	OPAP24I	Buy	1	1	17.07			ACTIVE		In OASIS					218	5 TR-G.BL...	14249961112	
73	ETEBOR	Buy	100	100	2.04			ACTIVE		In OASIS					102	5 TR-G.BL...	14249961105	
77	OPAP	Buy	20	20	17.07			ACTIVE		In OASIS					99	5 TR-G.BL...	14249961102	
SuspSell	KYRI	Sell	2	2	1.435			ACTIVE	Incorrect Order Number	In OASIS					151	5 TR-A.M...	14221960377	
645	PRODEA	Sell	49	50	7.30			1 ACTIVE	Incorrect Order Number	In OASIS					770	5 TR-G	24138000770	
6654	OPTROH	Sell		1,000	1.80		1,000	FILLED		In OASIS					555	5 TR-E.M...	14249961146	
111	OPTROH	Buy		1,000	1.80		1,000	FILLED		In OASIS					552	5 TR-E.M...	14249961145	
35	OPTROH	Sell		9,999	1.72		9,999	FILLED		In OASIS					551	5 TR-E.M...	14249961144	
741	OPTROH	Buy		10,000	1.72			INACTIVE		In OASIS					549	2 TR-E.M...	14249961143	

The possible values that the field «Status Description» can take are:

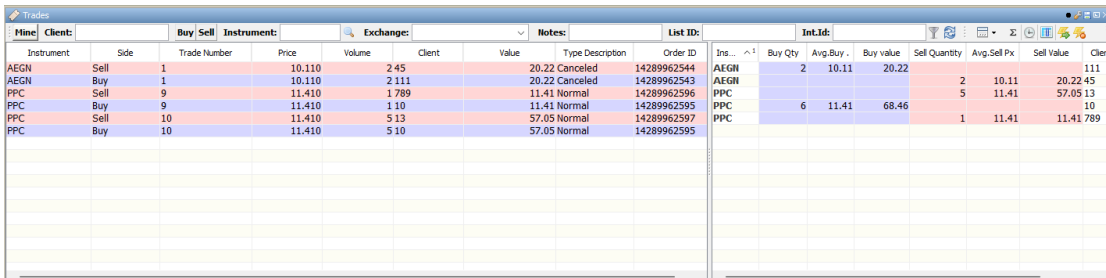
- **Active:** Order is active in the Orderbook
- **Filled:** Order is fully executed
- **Inactive:** Order is inactive and the user must edit in order to be activated in the Orderbook
- **Cancelled:** Order is cancelled (before executed)
- **Part. Cancelled:** Order is partially executed and then cancelled

### 7.4 Trade Monitoring

Trade monitoring in ATHEX Trader is similar to trade monitoring in OASIS XNET Trader in the Derivatives market of HEnEx, with some improvements such as enhanced search filters and screen updates with cancelled trades.

When an order is executed, the user has the option to view details of their trade in the "Trades" screen.

This screen is activated by selecting **New → Trades** and includes all of the Member's orders. Each user can monitor the orders they are authorized to view based on their role.



Instrument	Side	Trade Number	Price	Volume	Client	Value	Type Description	Order ID	Ins.	Buy Qty	Avg. Buy	Buy value	Sell Quantity	Avg. Sell Pk	Sell Value	Client
AEGN	Sell	1	10.110	2	2 45	20.22	Cancelled	14289962544	AEGN	2	10.11	20.22	2	10.11	20.22	111
AEGN	Buy	1	10.110	2	111	20.22	Cancelled	14289962543	AEGN				5	11.41	57.05	13
PPC	Sell	9	11.410	1	110	11.41	Normal	14289962596	PPC	6	11.41	68.46	1	11.41	11.41	789
PPC	Buy	9	11.410	1	110	11.41	Normal	14289962595	PPC							10
PPC	Sell	10	11.410	5	13	57.05	Normal	14289962597	PPC							10
PPC	Buy	10	11.410	5	10	57.05	Normal	14289962595	PPC							10

The possible values for the "**Type Description**" field are:

- **Normal:** Trade has been executed
- **Canceled:** Trade has been cancelled from the Hellenic Energy Exchange (HEEx)

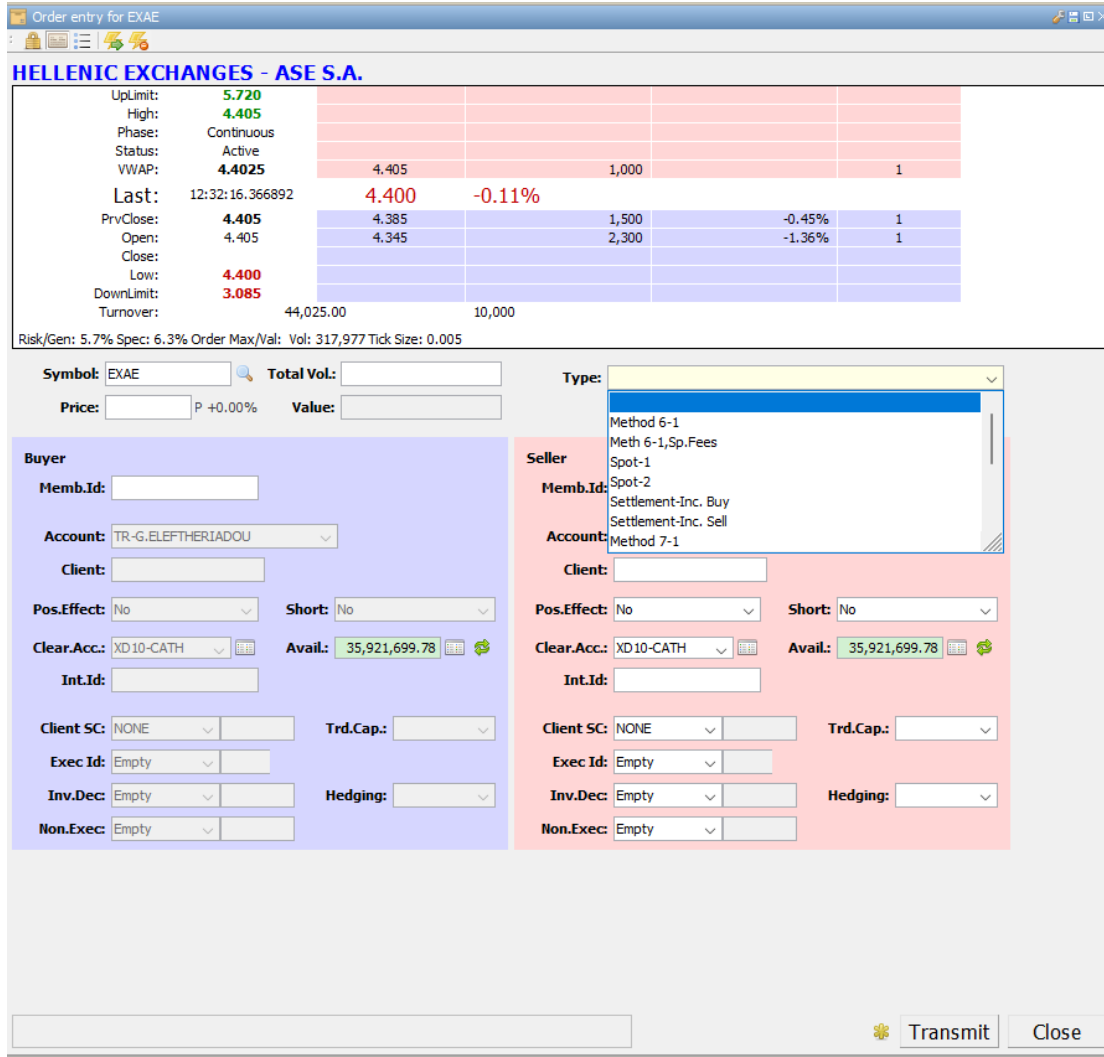
## 7.5 Entering Pre-Arranged Trade

The following sections describe the functionality for pre-arranged trades, which already exists in OASIS XNET Trader.

All pre-arranged trades entered through ATHEX Trader appear as recorded by user AB00C, where AB represents the two-digit code of the selling Member.

The ATHEX Trader user with the role of "**Manager**" has the ability to open the dual entry screen for pre-arranged trades by selecting **New → Pre-Agreed Trade Entry** or by pressing the **F11** key.

Initially, the user enters the product symbol, the number of shares, and the price. In the "**Type**" field, a list of available types of pre-arranged trades for each Exchange is displayed, and the user selects the desired package type.



**HELLENIC EXCHANGES - ASE S.A.**

UpLimit:	5.720				
High:	4.405				
Phase:	Continuous				
Status:	Active				
VWAP:	4.4025	4.405	1,000		1
Last:	12:32:16.366892	4.400	-0.11%		
PrvClose:	4.405	4.385	1,500	-0.45%	1
Open:	4.405	4.345	2,300	-1.36%	1
Close:					
Low:	4.400				
DownLimit:	3.085				
Turnover:	44,025.00		10,000		

Risk/Gen: 5.7% Spec: 6.3% Order Max/Val: Vol: 317,977 Tick Size: 0.005

Symbol: EXAE Total Vol: Price: P +0.00% Value: Type: Method 6-1, Meth 6-1,Sp.Fees, Spot-1, Spot-2, Settlement-Inc. Buy, Settlement-Inc. Sell, Method 7-1

**Buyer**

Memb.Id: Account: TR-G.ELEFTHERIADOU Client: Pos.Effect: No Short: No Clear.Acc: XD10-CATH Avail: 35,921,699.78 Int.Id: Client SC: NONE Trd.Cap.: Exec Id: Empty Inv.Dec: Empty Hedging: Non.Exec: Empty

**Seller**

Memb.Id: Account: Client: Pos.Effect: No Short: No Clear.Acc: XD10-CATH Avail: 35,921,699.78 Int.Id: Client SC: NONE Trd.Cap.: Exec Id: Empty Inv.Dec: Empty Hedging: Non.Exec: Empty

Transmit Close

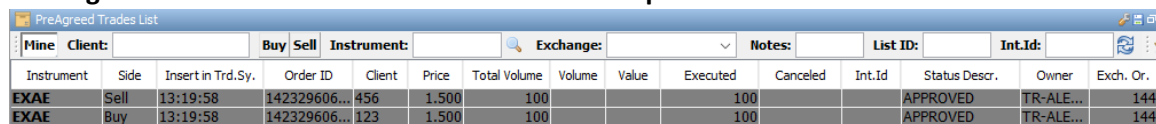
The left side of the screen pertains to the buyer's side. If the seller and buyer are the same Member, the user must fill in all the fields on the screen. Otherwise, they indicate the two-digit code of the buying Member in the "**Memb. ID**" field and complete all the fields included in the seller's section of the screen.

By selecting the "**Transmit**" button, the transaction is recorded.

### 7.5.1 Seller and Buyer are the Same Member

If the seller and the buyer are the same Member, the transaction is completed successfully.

The Member that registered the transaction can see the individual orders (buy and sell) in the "**Pre Agreed Trades List**" screen with a "**Status Description**" of: **APPROVED**.



Instrument	Side	Insert in Trd.Sy.	Order ID	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Int.Id	Status Descr.	Owner	Exch. Or.
EXAE	Sell	13:19:58	142329606...	456	1.500	100			100			APPROVED	TR-ALE...	144
EXAE	Buy	13:19:58	142329606...	123	1.500	100			100			APPROVED	TR-ALE...	144

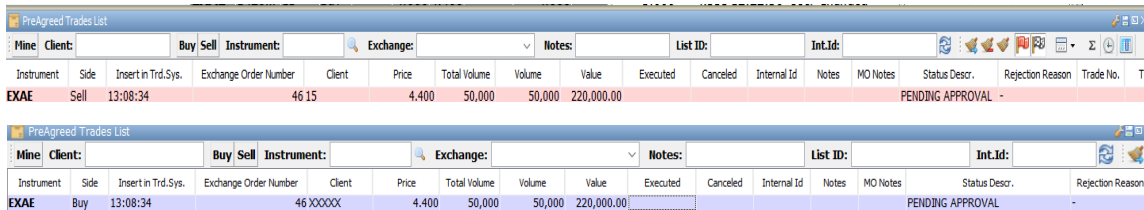
At the same time, the market is updated through the "**Market PreAgreed Trades**" screen, which displays the essential details of the pre-agreed transaction:

Instrument	Price	Volume	Value	Message Time
EXAE	5.73	100	573.00	11:32:31.4150...
ACAG	5.76	1,000,000	5,760,000.00	12:04:33.5928...
EXAE	4.405	5,000	22,025.00	13:52:27.5013...
EXAE	4.41	1,200	5,292.00	13:53:45.7708...

### 7.5.2 Seller and Buyer are different Member

If the buyer is another member, the transaction remains pending until it is accepted or rejected by the buyer.

The members participating in the transaction see the related entries in the "**Pre Agreed Trades List**" with a "**Status Description**" of **PENDING APPROVAL**:

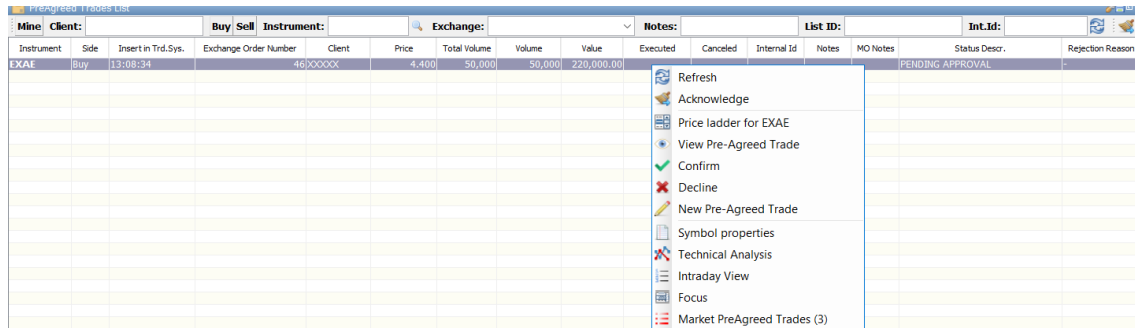


Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection Reason	Trade No.	Typ
EXAE	Sell	13:08:34	46 15		4.400	50,000	50,000	220,000.00						PENDING APPROVAL	-		

Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection Reason	Trade No.	Typ
EXAE	Buy	13:08:34	46 XXXXX		4.400	50,000	50,000	220,000.00						PENDING APPROVAL	-		

The Buyer Member can select the transaction by left-clicking on the order and then choose either "**Confirm**" (accept) or "**Decline**" (rejection).

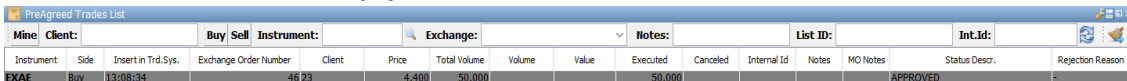


Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection Reason	Trade No.	Typ
EXAE	Buy	13:08:34	46 XXXXX		4.400	50,000	50,000	220,000.00						PENDING APPROVAL	-		

### 7.5.3 Confirmation of Pre Agreed Trade

When the pre-agreed transaction is accepted by the Buyer, the **Pre Agreed Trades List** screen for both the Buyer and the Seller will be updated as follows:

- «Status Description»: **APPROVED**
- «Notes»: **empty**
- «MO Notes»: **empty**



Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection Reason	Trade No.	Typ
EXAE	Buy	13:08:34	46 23		4.400	50,000	50,000	220,000.00	50,000					APPROVED	-		

#### 7.5.4 Rejection of Pre Agreed Trade

In the event that the pre-agreed transaction is not accepted by the Buyer, then the "**Pre Agreed Trades List**" screen of both the Buyer and the Seller will be updated as follows:

- «Status Description»: **DISAPPROVED**
- «Notes»: **BUYER DISAPPROVE**
- «MO Notes»: **DECLINED**

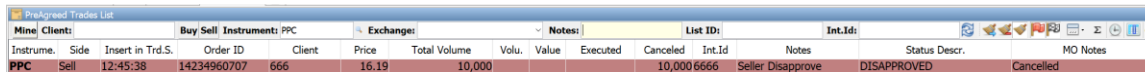


Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection
EXAE	Buy	13:16:22		47XXXXXX	4.405	10,000				10,000		Buyer Disapprove	Declined	DISAPPROVED	

#### 7.5.5 Cancellation of Pre Agreed Trade

In the event that the pre-agreed transaction is canceled by the Seller before the Buyer takes any action, then the "**Pre Agreed Trades List**" screen of both the Buyer and the Seller will be updated as follows:

- «Status Description»: **DISAPPROVED**
- «Notes»: **SELLER DISAPPROVE**
- «MO Notes»: **CANCELLED**

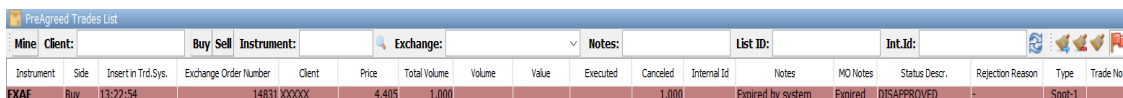


Instrument	Side	Insert in Trd.Sys.	Order ID	Client	Price	Total Volume	Volu.	Value	Executed	Canceled	Int.Id	Notes	MO Notes	Status Descr.	MO Notes
PPC	Sell	12:45:38	14234960707	666	16.19	10,000				10,000	6666	Seller Disapprove		DISAPPROVED	Cancelled

#### 7.5.6 Expiration of Approval/Decline Time for Pre-Agreed Trade

In the case that the Buyer does not take any action within 5 minutes (from the moment the pre-agreed transaction is recorded), the transaction is canceled, and the "**Pre Agreed Trades List**" screen for both the Buyer and the Seller will be updated as follows:

- «Notes»: **EXPIRED BY SYSTEM**
- «Status Description»: **DISAPPROVED**
- «MO Notes»: **EXPIRED**



Instrument	Side	Insert in Trd.Sys.	Exchange Order Number	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Internal Id	Notes	MO Notes	Status Descr.	Rejection Reason	Type	Trade No.
EXAE	Buy	13:22:54		14831XXXXX	4.405	1,000				1,000		Expired by system	Expired	DISAPPROVED	-	Spot-1	

#### 7.5.7 Rejections

When entering a pre-agreed transaction, the user may enter incorrect details, causing the order to be rejected. Possible rejection messages that appear on the "**Pre Agreed Trades List**" screen are as follows:

- **Incorrect Member id** indicates that the two-digit code of the Buyer Member is incorrect, and the order is not registered:

Incorrect Member ID	DISAPPROVED	ASE002-Incorrect Member ID
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- When the type of package is incorrect, the pre-agreed transaction is **rejected**:
  - «Notes»: **Incorrect Trade Report Type**

- «Status Description»: **DISAPPROVED**
- «MO Notes»: **Incorrect Trade Report Type**
- «Rejection Reason»: **ASE096 - Incorrect PreAgreed Trade Type**

Client	Price	Total Volume	Volume	Value	Executed	Canceled	Int.Id	Notes	Status Descr.	MO Notes	Rejection Reason
924233	128.0	1,300				1,300		Incorrect Trade Report Ty	DISAPPROVED	Incorrect Trade Report Type	ASE096-Incorrect PreAgreed Trade Type

- When the value of the package is too low, the order is **rejected**:
  - «Notes»: **Incorrect trade value**
  - «Status Description»: **DISAPPROVED**
  - «MO Notes»: **Incorrect Trade Report Type**
  - «Rejection Reason»: **ASE090 - Incorrect trade value**

Instrum.	Side	Insert in Trd.S.	Order ID	Client	Price	Total Volume	Volume	Value	Executed	Canceled	Int.Id	Notes	Status Descr.	MO Notes
ETE	Sell	14:53:17	14234960738	4564	2.0400		1					Incorrect trade value	DISAPPROVED	Incorrect trade value

- When the price of the pre-agreed transaction exceeds the daily fluctuation limit, the pre-agreed transaction is not entered, and a warning message appears next to the price:

**Order price is above ceiling level**

- When the price of the pre-agreed transaction is below the daily fluctuation limit, the pre-agreed transaction is not entered, and a warning message appears next to the price:

**Order price is below floor level**

- When the price of the pre-agreed transaction is at an invalid price tick, the pre-agreed transaction is not entered, and a warning message appears next to the price:

**Not transmitted: Sell: Order price is not on a valid price tick**