



SPOT AND PHYSICAL FUTURES MARKET

TRADER USER

GUIDE

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TRADER USER GUIDE

Title 1 Disclaimer

CEEGEX Trader Client offers a great deal of flexibility to exchanges to configure new products. Considering the generic nature of the CEEGEX Trader Client, and thus this manual, some products and functionality described in this document may not be available to you.

The screenshots used in this manual are of non-existent configurations. Products displayed in the various screens may not apply to your exchange and use imaginary values. Please consult your exchange to see what products are available.

Title 2 Introduction

This guide is intended for CEEGEX Traders.

Assumption throughout this guide is made that the reader has full authority and permission to perform the actions required.

2.1 Installation

This section describes the installation process for the GlobalVision Front-End. Download the GlobalVision automated installation from CEEGEX website and double-click on it to start the installation.

- »» On the welcome screen, click *Next*.
- »» Read through the licence agreement. If you agree to the terms, select "I accept the terms of the licence agreement" and click *Next*. If you do not agree to the terms of the licence agreement, you will not be able to continue installing GlobalVision.
- »» The installation process displays the installation directory.

If you do not want to install the Front-End to the displayed directory, click *Change* to open the change directory window where you can select the directory you want to install the software to. When you have selected a directory, click *OK* to continue with the installation process.

- »» Click *Next*.
- »» The installation process is now ready to install the software. Click *Install* to install the software, or click *Back* to step back through the installation process if you want to change any of the settings.
- »» When the software has been installed, click *Finish* to close the installation process.

Trayport GlobalVision Exchange Trading System (8.11.) is using the following five ports that need to be open on your firewall: 80, 443, 11997, 11995, 12003.

2.2 Getting started

2.2.1 Logging in

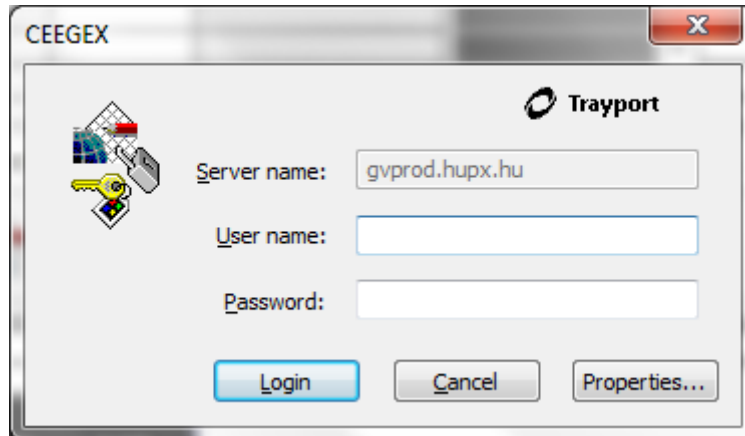
Open the GlobalVision Front-End, either by double-clicking on the icon on your desktop, or by selecting the GlobalVision option from the Windows Start Menu. Depending on how your system has been configured, any one of the following might happen when you start GlobalVision:

2.2.1.1 *GlobalVision displays a message telling you that it is connecting*

GlobalVision has been configured to connect to your account automatically every time you start the Front-End, and has stored your username and password so that you do not need to type them in every time you start GlobalVision.

2.2.1.2 *GlobalVision prompts you for a username and password*

Type in your username and password and click *Login*.

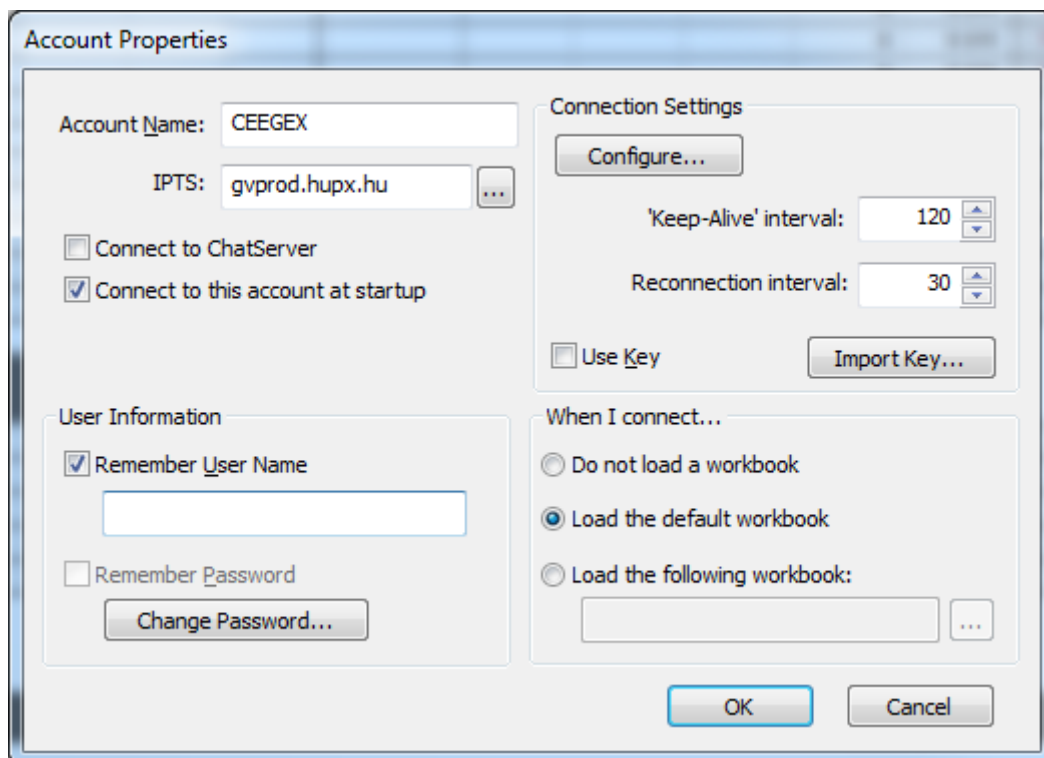


Be aware that you have a maximum of three attempts to enter the correct password. After the third invalid attempt your User name will be blocked from access until the system operator resets your User name. In any entry screen, when you click *Cancel*, it will not be counted as an attempt.

2.2.1.3 *Nothing (GlobalVision just displays a blank grid)*

You will need to create an account (if one has not already been created for you), and connect to it.

If your account has not been defined, GlobalVision displays the Account Properties Dialog:




2.2.2 Failed login

If during the submission of a password a wrong response is used to connect, Trading System will deny access. A warning will be displayed, informing about the failure.

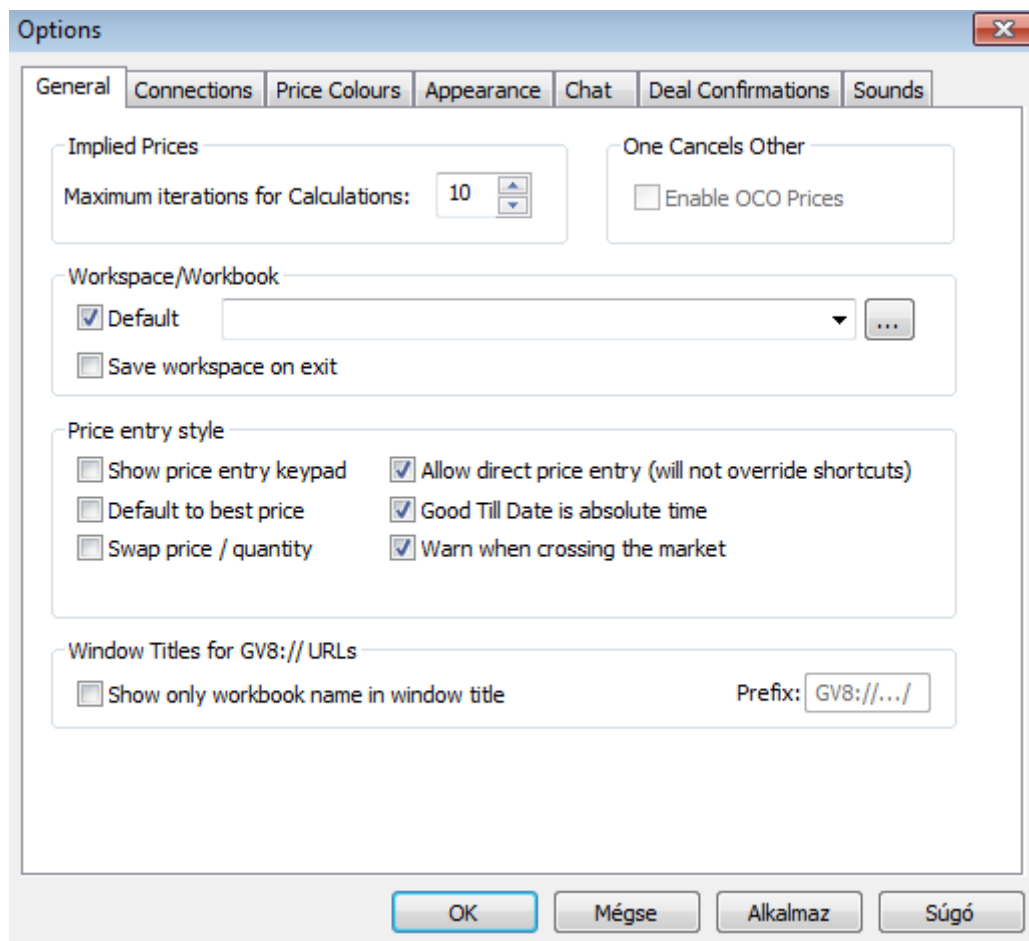
2.2.3 Loading a Workbook

Once you have connected to your account, you must load a Workbook before you can trade. Workbooks contain the Work Sheets that you use to enter orders and make deals.

Your account may be configured to load a particular Workbook automatically when you connect, but if no Workbook loads, do the following:

- Go to File → Open... (*Ctrl+O*) or you can use the  button
- Type in the location of the Workbook you want to load
- Click *OK*.

You can set your default Workspace/ Workbook in the Options menu → General tab.



2.2.4 Logout


Select the option Exit from the file menu, or use [ALT-F] & [ALT-E] respectively.

Alternatively you can click on the *Windows X* in the upper right corner of the CEEGEX Trader Client to terminate the connection.

Title 3 Menu bar

3.1 File Menu

3.1.1 Open...

Brings up a dialog box in which you can type the location of a Workbook to open. You can also use the  button.

3.1.2 Reload Workbook(s)

Reloads all the Workbooks that are currently open so that the Workbooks revert to the last saved version.

3.1.3 Workspace

- »» Load: loads a saved set of global settings, including the currently open windows and their sizes and onscreen positions.
- »» Save: saves current workspace

3.1.4 Exit

Logs you out of your account, and closes the GlobalVision Front-End. Please note that logging out may cause your orders to be withheld, depending on your selected configuration setting. To configure what GlobalVision should do with any orders you have in the system when you log out, go to Tools → Options and select the Connections tab.

3.2 Edit Menu

Edit menu contains commands relating to the handling of information, i.e. *Cut*, *Copy* and *Paste*, *Undo* and *Redo* commands.

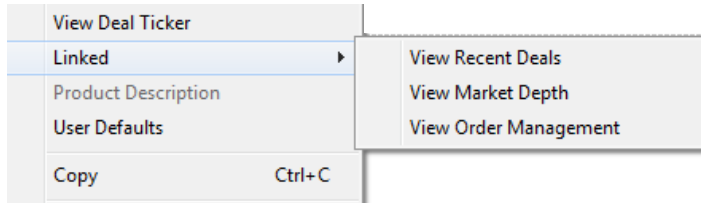
3.3 View Menu

3.3.1 Window linking and channel options

Linked windows save space by showing information that would normally require several windows. Select a channel to allow dynamic windows to be linked to a Worksheet.

3.3.1.1 To use dynamic windows for Market Depth, Deals and Order Management do the following:

Right click on instrument and select *Linked* → *View Recent Deals*, *Market Depth* or *Order Management*.



If you move between instruments and contracts you can see the dynamic changes.

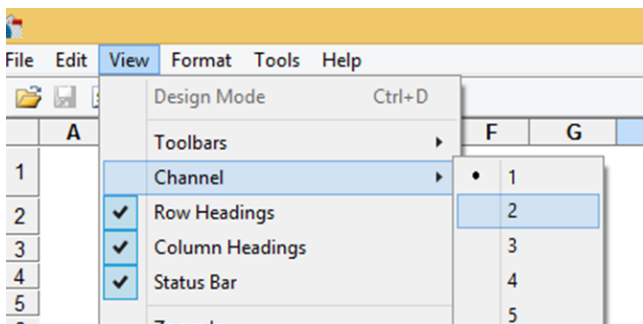
3.3.1.2 Using channels

An example for using channels:

1. Right click on instrument and select *Linked* → *View Market depth*.
2. It will be linked to channel 1.

	Trader	Qty	Bid	Ask	Qty	Trader
1	CXCA	100	17,50			
2	CXCA	30	17,25			
3	CXCA	10	17,15			
4						
5						

3. Go to *View* → *Channel* and select channel 2.



4. Right click on an instrument and select *Linked* → *View Market depth*.

	Trader	Qty	Bid	Ask	Qty	Trader
1		100	17,50	18,15	1	
2				18,15	1	
3				18,15	1	
4						

5. It will be linked to channel 2.

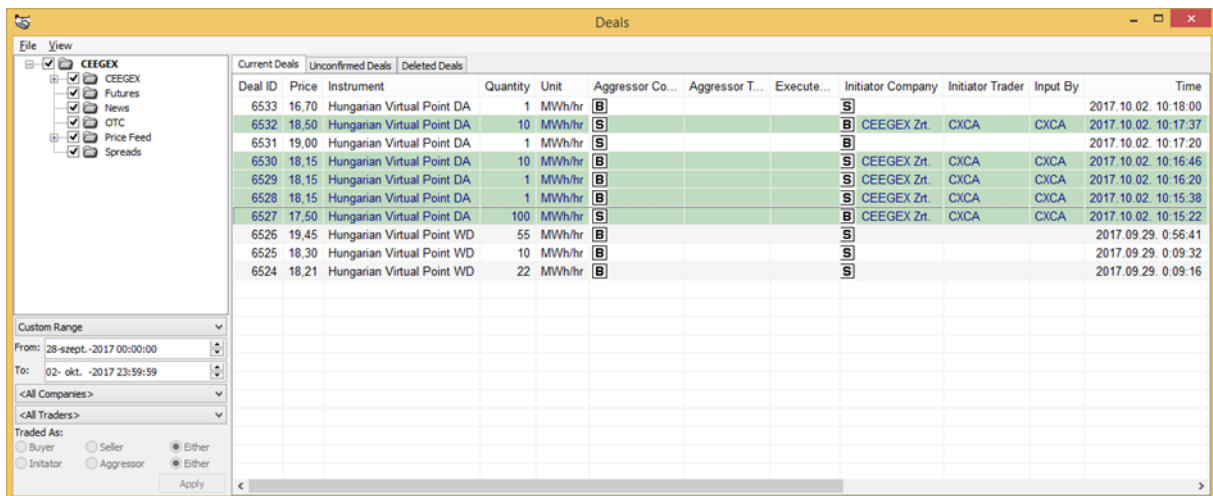
6. Only the second market depth window is assigned to channel 2 changes. The first market depth window does not change.

3.3.2 Deals

There are number of tabs in the Deals Window that display different deal categories. You can always view current deals as well as choose to display unconfirmed or deleted deals by selecting any of the tabs above the deal list.

Open Deals window by clicking on the  icon on the right side of the menu bar or choose Deals in View menu.

On the left hand side of the window you can modify the settings of instruments, dates and traders shown in the list.



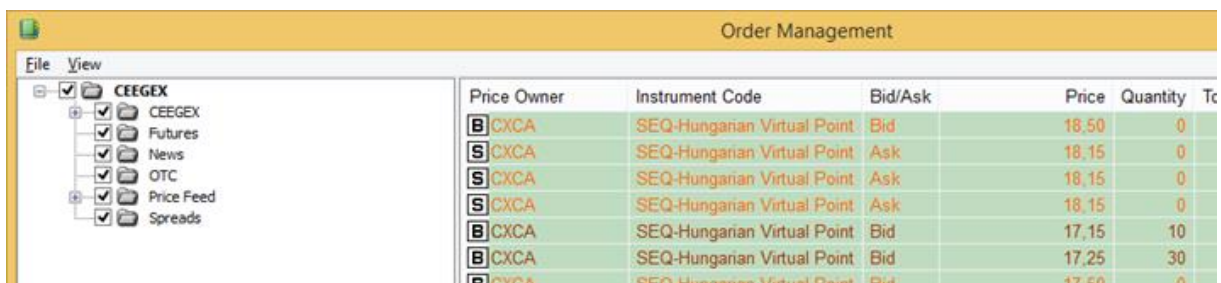
Deal ID	Price	Instrument	Quantity	Unit	Aggressor Co...	Aggressor T...	Execute...	Initiator Company	Initiator Trader	Input By	Time
6533	16.70	Hungarian Virtual Point DA	1	MWh/hr	[B]			[S]			2017.10.02. 10:18:00
6532	18.50	Hungarian Virtual Point DA	10	MWh/hr	[S]			[B]	CEEGEX Zrt.	CXCA	2017.10.02. 10:17:37
6531	19.00	Hungarian Virtual Point DA	1	MWh/hr	[S]			[B]			2017.10.02. 10:17:20
6530	18.15	Hungarian Virtual Point DA	10	MWh/hr	[B]			[S]	CEEGEX Zrt.	CXCA	2017.10.02. 10:16:46
6529	18.15	Hungarian Virtual Point DA	1	MWh/hr	[B]			[S]	CEEGEX Zrt.	CXCA	2017.10.02. 10:16:20
6528	18.15	Hungarian Virtual Point DA	1	MWh/hr	[B]			[S]	CEEGEX Zrt.	CXCA	2017.10.02. 10:15:38
6527	17.50	Hungarian Virtual Point DA	100	MWh/hr	[S]			[B]	CEEGEX Zrt.	CXCA	2017.10.02. 10:15:22
6526	19.45	Hungarian Virtual Point WD	55	MWh/hr	[B]			[S]			2017.09.29. 0:56:41
6525	18.30	Hungarian Virtual Point WD	10	MWh/hr	[B]			[S]			2017.09.29. 0:09:32
6524	18.21	Hungarian Virtual Point WD	22	MWh/hr	[B]			[S]			2017.09.29. 0:09:16

To customize columns shown in Deals window go to *View* → *Columns* toolbar menu. In order to save your settings navigate to the *File* → *Save to Favourites* window from the menu.

3.3.3 Order Management

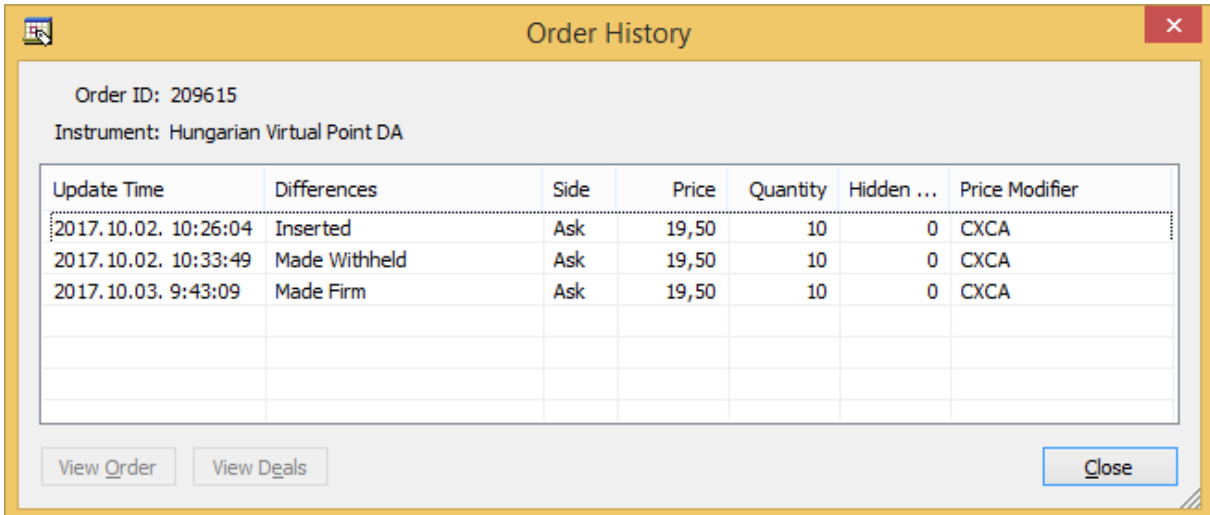
The Order Management Window provides advanced search capabilities, allowing you to manage orders across multiple markets easily, and see all the details related to your orders and deals in the markets that you are interested in. The Order Management Window is live so any orders inserted, updated, dealt, or deleted will be reflected instantly in the market.

To open Order Management click on the  icon on the upper right menu bar.



Price	Owner	Instrument Code	Bid/Ask	Price	Quantity	Tc
[B]	CXCA	SEQ-Hungarian Virtual Point	Bid	18.50	0	
[S]	CXCA	SEQ-Hungarian Virtual Point	Ask	18.15	0	
[S]	CXCA	SEQ-Hungarian Virtual Point	Ask	18.15	0	
[S]	CXCA	SEQ-Hungarian Virtual Point	Ask	18.15	0	
[B]	CXCA	SEQ-Hungarian Virtual Point	Bid	17.15	10	
[B]	CXCA	SEQ-Hungarian Virtual Point	Bid	17.25	30	
[B]	CXCA	SEQ-Hungarian Virtual Point	Bid	17.50	0	

You can also see historical information about orders that have been dealt, cancelled, or updated in the market by viewing the order history.



Order ID: 209615
Instrument: Hungarian Virtual Point DA

Update Time	Differences	Side	Price	Quantity	Hidden ...	Price Modifier
2017.10.02. 10:26:04	Inserted	Ask	19,50	10	0	CXCA
2017.10.02. 10:33:49	Made Withheld	Ask	19,50	10	0	CXCA
2017.10.03. 9:43:09	Made Firm	Ask	19,50	10	0	CXCA

View Order View Deals Close

To save your settings got to *File* → *Save to Favourites*

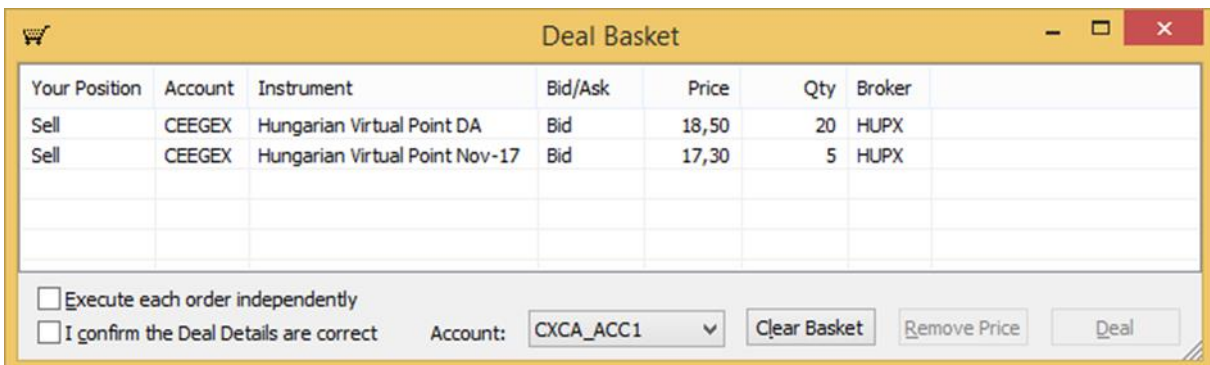
3.3.4 Basket

You can collect items that you want to buy in the Deal Basket, and then later purchase them all together in one transaction. The utilization of basket dealing is mostly used by those who trade with several instruments on more than one market.

To use the Deal Basket:

- Right-click on an order and select *Add to Basket*. GlobalVision displays the Deal Basket.
- Repeat this for every order that you want to deal. If one of the orders in your basket changes, it is automatically removed from the basket. You can manually remove an order from the basket at any time by highlighting it and clicking *Remove Price*.
- If you want to set the basket to deal as many orders as it can, even if not all of the orders are available, select *Execute each order independently*. By default, this option is not selected, so that by default GlobalVision does not deal any orders unless it can deal all the orders.
- When you are ready to deal the basket, select *I confirm the Deal Details are correct*, and click *Deal*.

In the following example *Execute each order independently* is not selected, so the basket will only be dealt if all two individual orders can be dealt.



Your Position	Account	Instrument	Bid/Ask	Price	Qty	Broker
Sell	CEEGEX	Hungarian Virtual Point DA	Bid	18,50	20	HUPX
Sell	CEEGEX	Hungarian Virtual Point Nov-17	Bid	17,30	5	HUPX

Execute each order independently
 I confirm the Deal Details are correct


Account: CXCA_ACC1 Clear Basket Remove Price Deal

3.3.5 Order Book

It shows either all the orders you have in the market, or the orders you have entered for a specific instrument. In the Order Book you can add, delete and withhold orders.

You can use the Order Book for example to change all your prices in the system by the same amount. You can also use it to firm or withhold all your prices simultaneously.

To open the Order Book, do one of the following:

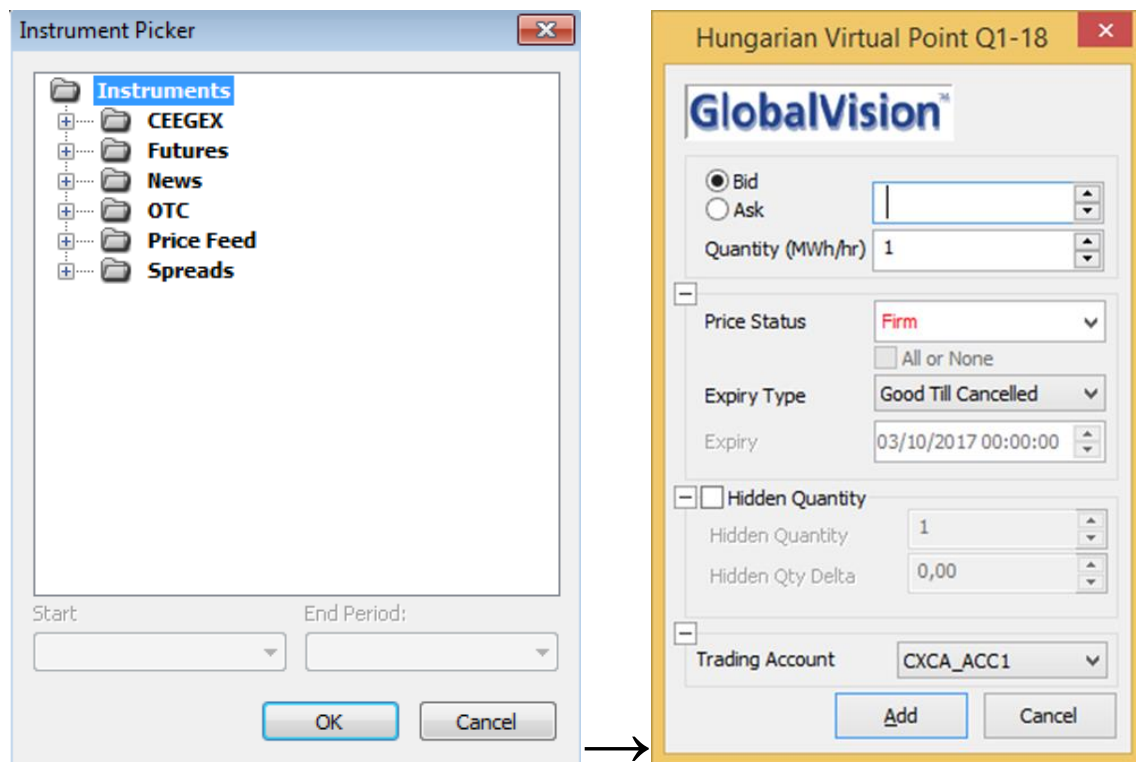
- go to View → Order Book.
- click on the Order Book icon  on the menu bar.

3.3.5.1 Using the Order Book to add orders

To add order in the Order Book you can either:

- right-click → “Add Order” or
- double-click on any cell

After selecting the instrument the same window will appear when adding an order in the Hungary worksheet → see Section 6.1.

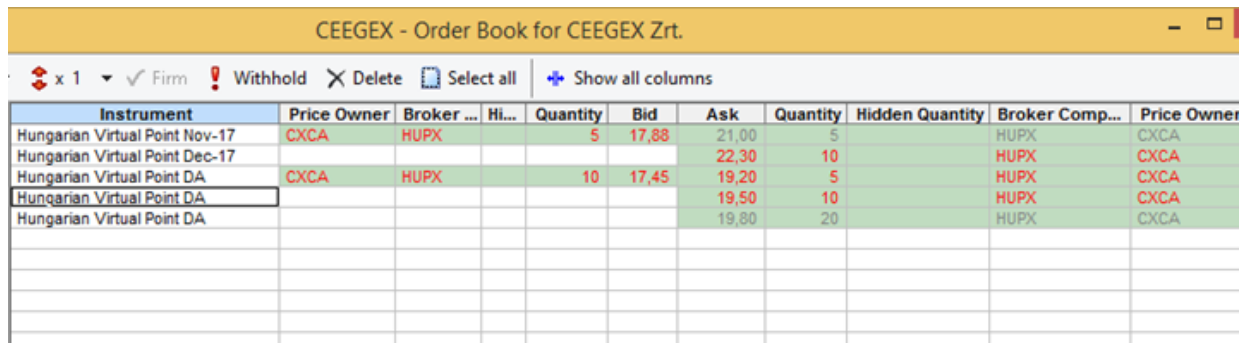


3.3.5.2 Firming multiple orders simultaneously

To make multiple orders firm:

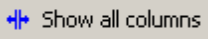
- select the orders you want to firm by holding down *Ctrl* and click on each order that you want to firm

- »» When you have selected all the orders that you want to firm, right-click on the selection and select Firm Order.



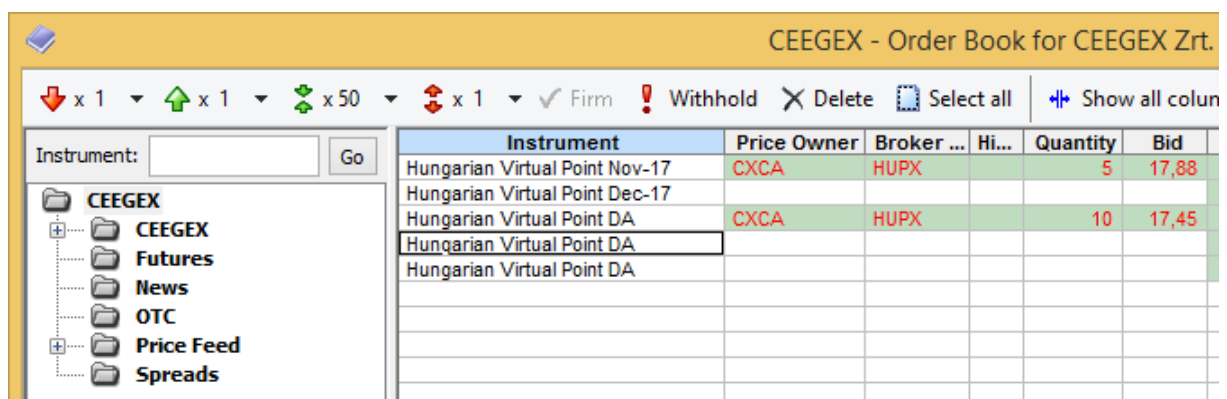
Instrument	Price Owner	Broker ...	Hi...	Quantity	Bid	Ask	Quantity	Hidden Quantity	Broker Comp...	Price Owner
Hungarian Virtual Point Nov-17	CXCA	HUPX		5	17,88	21,00	5		HUPX	CXCA
Hungarian Virtual Point Dec-17						22,30	10		HUPX	CXCA
Hungarian Virtual Point DA	CXCA	HUPX		10	17,45	19,20	5		HUPX	CXCA
Hungarian Virtual Point DA						19,50	10		HUPX	CXCA
Hungarian Virtual Point DA						19,80	20		HUPX	CXCA

3.3.5.3 Showing and hiding columns

To ensure the Order Book only shows you the information that you need, you can hide columns that you are not interested in. To do this, click on the right hand edge of the column heading of the column you want to hide, and drag the column's right border across to the left until the column disappears. If you have hidden some of the columns in the Order Book, then you can easily display those columns again by clicking on  Show all columns.


3.3.5.4 Increasing or decreasing prices

You can increase or decrease one or more prices by selecting the ones that you want to change and clicking the appropriate Market Maker button on the top row.



Instrument	Price Owner	Broker ...	Hi...	Quantity	Bid
Hungarian Virtual Point Nov-17	CXCA	HUPX		5	17,88
Hungarian Virtual Point Dec-17					
Hungarian Virtual Point DA	CXCA	HUPX		10	17,45
Hungarian Virtual Point DA					
Hungarian Virtual Point DA					

 → increases the selected prices by the displayed amount.

 → decreases the selected prices by the displayed amount.

Each market maker button has a drop-down arrow next to it. Click on this to increase or decrease the selected prices by a different multiple of the instruments' stepping.

Please note the prices will be updated immediately after clicking on the bottom, no confirmation message will be shown. Also when choosing a multiplier the certain order will be updated immediately by the selected multiplier.

For example, if you select the x5 setting on the up arrow button, and the selected price is for an instrument with a stepping of 1, then this will increase the selected price by 5.

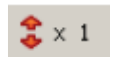
3.3.5.5 *Narrowing or widening prices by a certain amount*

If you have orders in the system on both the bid and ask sides, then you can use the Order Book to narrow or widen the gap between these prices, by selecting the ones that you want to change and clicking on one of the following Market Maker buttons:



→ narrows the gap by simultaneously increasing any selected bid prices and decreasing any selected ask prices.

For example, if you have selected one bid and one ask, and the instrument has a stepping of 1, then clicking this button will increase the bid by 1 and decrease the ask by 1 (therefore narrowing the spread by 2).



→ widens the gap by simultaneously decreasing any selected bid prices and increasing any selected ask prices.

For example, if you have selected one bid and one ask, and the instrument has a stepping of 1, then clicking this button will decrease the bid by 1 and increase the ask by 1 (therefore widening the spread by 2).

Each market maker button has a drop-down arrow next to it where you can select a different multiple to widen or narrow gap between the selected bid and ask prices. Please note the prices will be updated immediately after clicking on the bottom, no confirmation message will be shown.

3.3.5.6 *Withholding, firming and deleting*

You can use the Order Book to withhold, firm and delete multiple orders simultaneously.



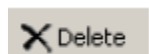
→ selects all your orders currently shown in the Order Book



→ firms the currently selected orders



→ withholds the currently selected orders



→ deletes the currently selected orders.

3.3.5.7 *Deal Ticker*

You can open a scrolling deal ticker to see details of deals as they take place. The details of each deal are displayed in a small rectangular deal card, which scrolls across the screen from right to left, as shown by the example in the figure below.

3.4 Format

Under Format menu you find the following commands: *Autosize Rows and Columns* and *Freeze Rows and Columns*.

3.5 Tools

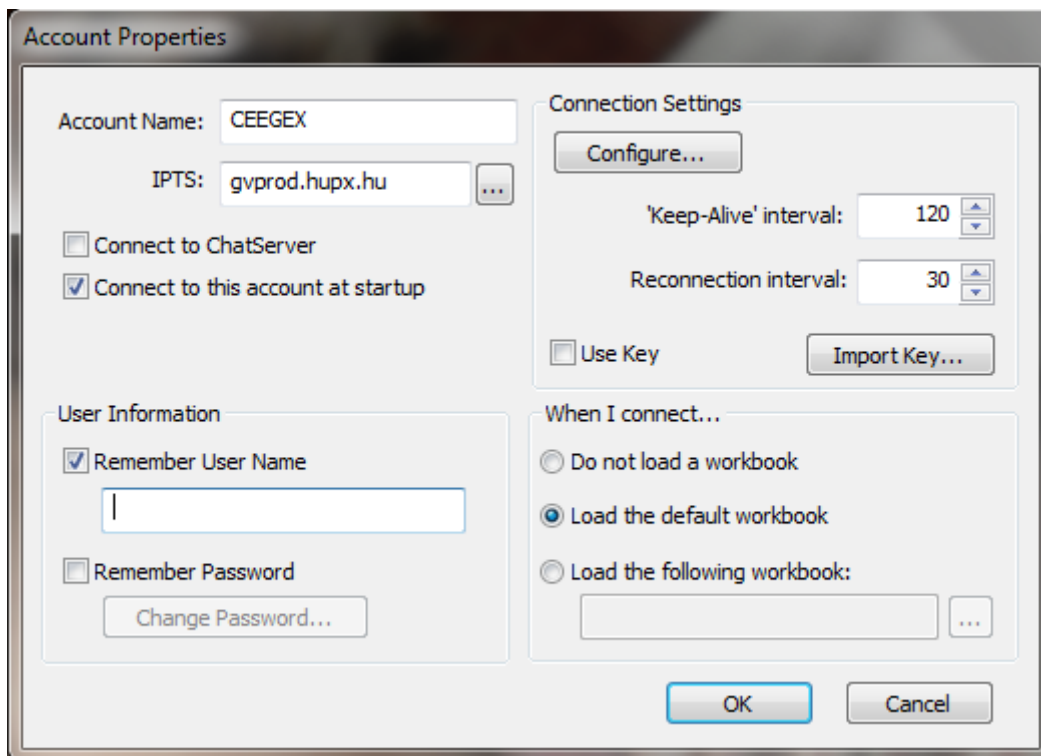
3.5.1 Account

3.5.1.1 Login/ Logout

You can logout and login from the Tools/ Account menu.

3.5.1.2 Properties

Shows account information such as Account Name and IPTS. You can connect to Chat Server automatically when you login and also set which workbook should be loaded when connecting.



Account Properties

Account Name: CEEEX

IPTS: gvprod.hupx.hu

Connect to ChatServer

Connect to this account at startup

Connection Settings

Configure...

'Keep-Alive' interval: 120

Reconnection interval: 30

Use Key

Import Key...

User Information

Remember User Name

Remember Password

Change Password...

When I connect...

Do not load a workbook

Load the default workbook

Load the following workbook:

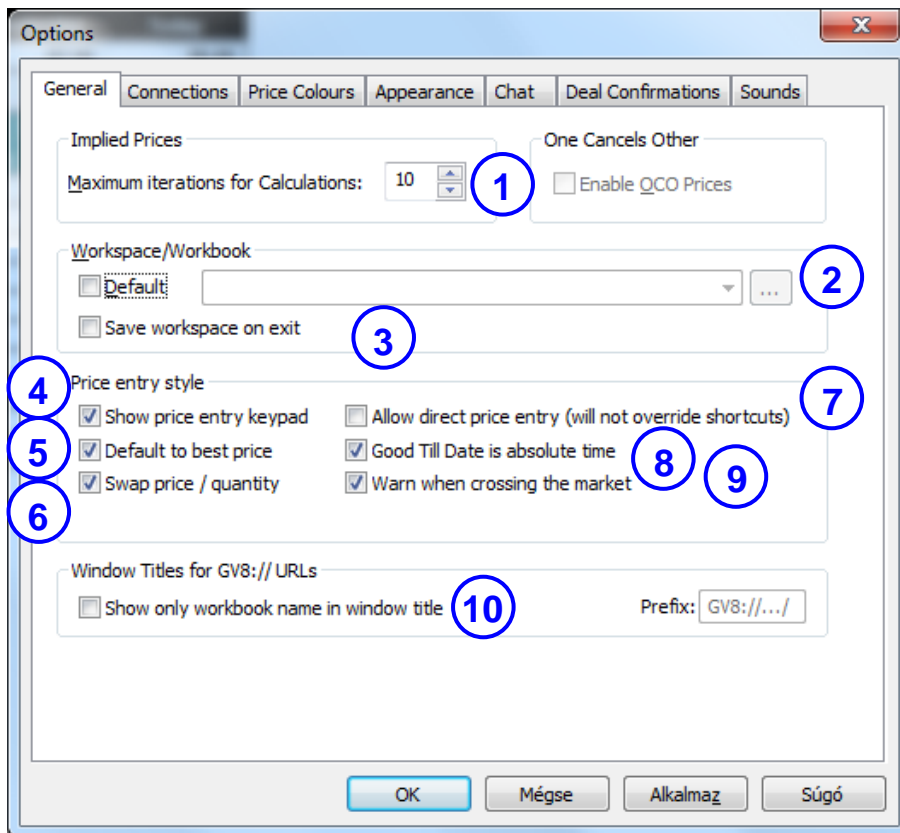
OK Cancel

3.5.2 Withdraw prices

Allows you to withdraw all your orders from the market, or delete your orders altogether. Please note that you cannot undo this action once it has been carried out.

3.5.3 Options

3.5.3.1 General Options



1. Maximum iterations for Calculations

Limits the way in which GlobalVision creates implied orders, such as interproduct and interperiod spreads. To turn off the display of implied orders, set this value to 0. This setting only applies to implied orders that have been generated natively by GlobalVision.

2. Default Workspace/Workbook

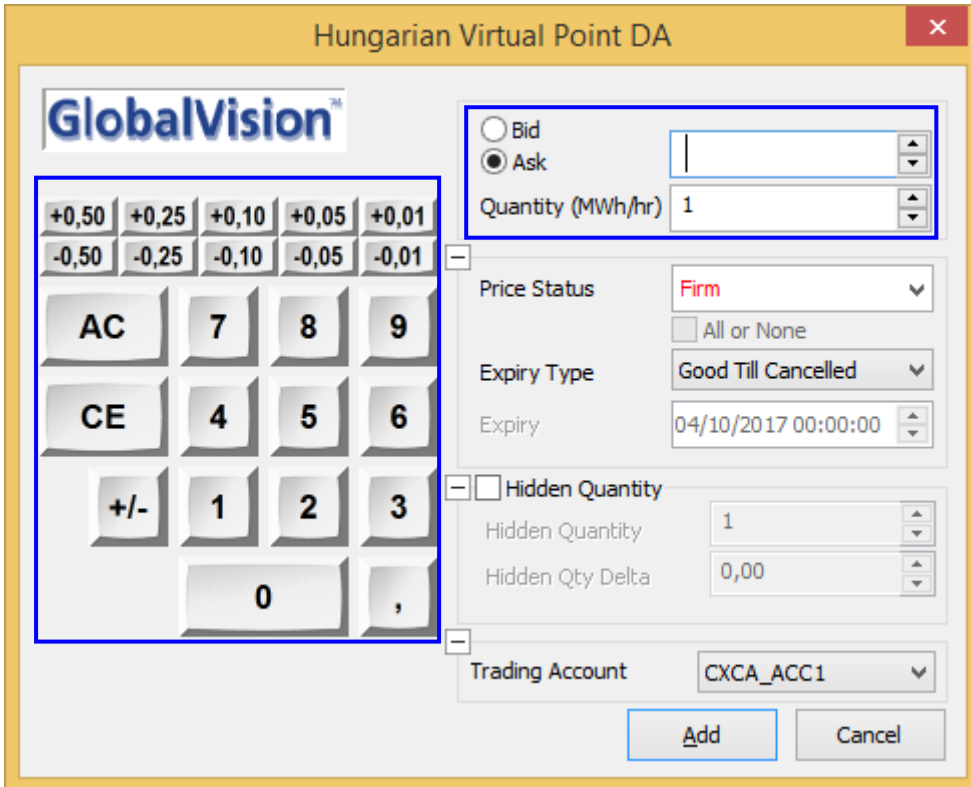
Select this option and specify a filename to configure a default Workbook or Workspace to load every time you start the GlobalVision Front-End.

3. Save Workspace on exit

Select this option to configure the system to automatically save the current Workspace when you close the Front-End. If you select this option, then every time you close the Front-End, the last loaded Workspace will be overwritten with the current state of the Front-End.

4. Show price entry keypad

Select this option to display the numeric keypad in the Price Entry Dialog as shown in the figure below.



5. Default to best price

When this option is selected, and you add an order, the price value field in the Price Entry Dialog will default to the current best price on the side of the market you clicked on when adding the order. When this option is not selected, the price value is blank on opening the Price Entry Dialog. If there has been no order for the instrument yet the best price will be the previous best price.

6. Swap price/ quantity

This option swaps the position of the price value and quantity fields in the Price Entry Dialog. When this option is selected, the quantity field will be displayed first. When this option is not selected, the price value will be displayed first.

7. Allow direct price entry

Select this option to turn on direct price entry, a special shortcut that allows you to submit orders more quickly by typing the price straight into the Work Sheet.

8. Good Till Date is absolute time

Changes the way you specify the expiry time for orders submitted on a Good Till Date basis.

When this option is not selected, you specify the expiry time as an offset against the current time (for example, you can specify that the order should expire 10 minutes in the future). When this option is not selected, you will not be able to submit an order with an expiry time more than 24 hours in the future.

9. Warn when crossing the market

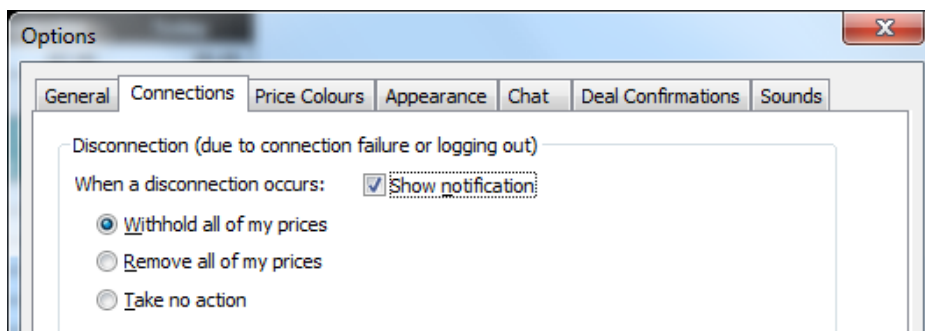
Front-End will display a warning message if you attempt to submit an order that crosses the market. This is designed to prevent you from accidentally submitting an order at the wrong price value.

10. Show only workbook name in window title

Configures how the Front-End should display the Workbook details in the title bar and on the Microsoft Windows task bar. If you select this option, then the title bar and task bar will only display the Workbook's name, omitting the server address details. Please note the above listed settings will be stored on the modifier's local system.

3.5.3.2 Connection

Specifies what GlobalVision should do if you are disconnected from the server for any reason. You are recommended to set the default action to withhold all your orders, and select *Show notification*, so that you know that you have lost your connection.

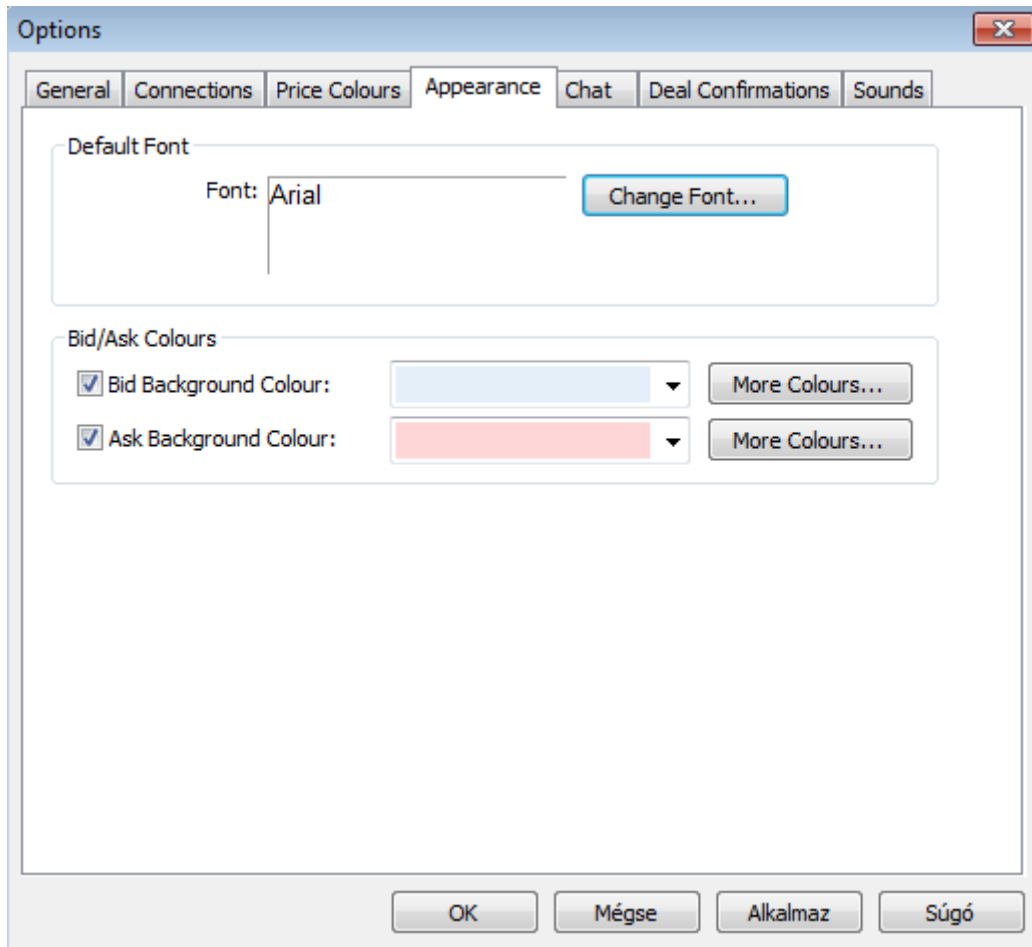


3.5.3.3 Price Colour Options

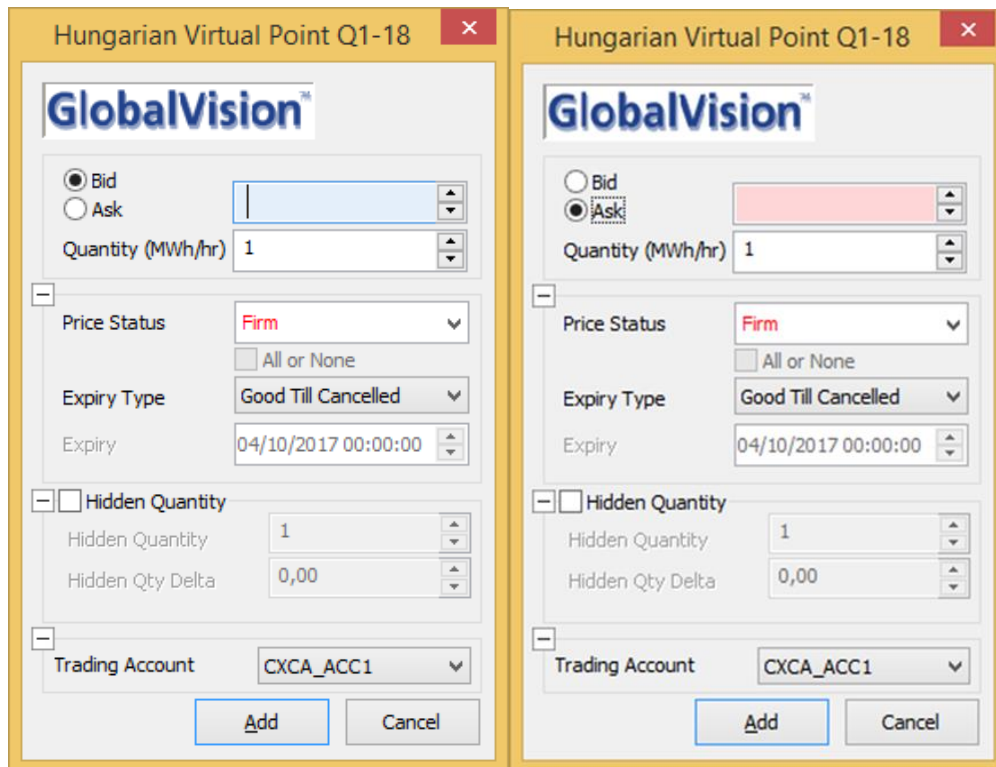
Select the type of order you want to change from the list on the left, and select the text colour from the Text drop-down on the right.

3.5.3.4 Appearance Options

You can change default font, bid and ask background colours. Setting different colours to bid and ask order makes adding an order more perspicuous.



It will be shown in the following way in the Add Order window:



3.5.3.5 Chat Options

You can set message appearance and message arrival.

3.5.3.6 Deal Confirmation

1. Manual Deal Entry Confirm

When this option is selected, a confirmation window showing the deal details is displayed when you click *OK* on the Add Deal Dialog.

2. Voice Deal Confirm Requests

Select this option to see confirmation request messages when a deal you are involved in requires counter party confirmation is added to the system.

3. Voice Deal Confirm Notifications

Select this option to see confirmation messages when a voice deal that you are involved in is added to the system and has been confirmed by both counter parties

3.5.3.7 Sounds

You can assign sounds to e.g. deal confirmation or delete price events. To change the sound settings, do the following:

1. select the event you want to change the sound for in the Events list
2. select a sound from the *Sounds* drop-down list. If you want to check the selected sound, you can listen to it by clicking (play).

If the sound you would like to choose is not displayed in the list, click *Browse* to select any other sound file (in WAV format).

3.6 Activity Ticker

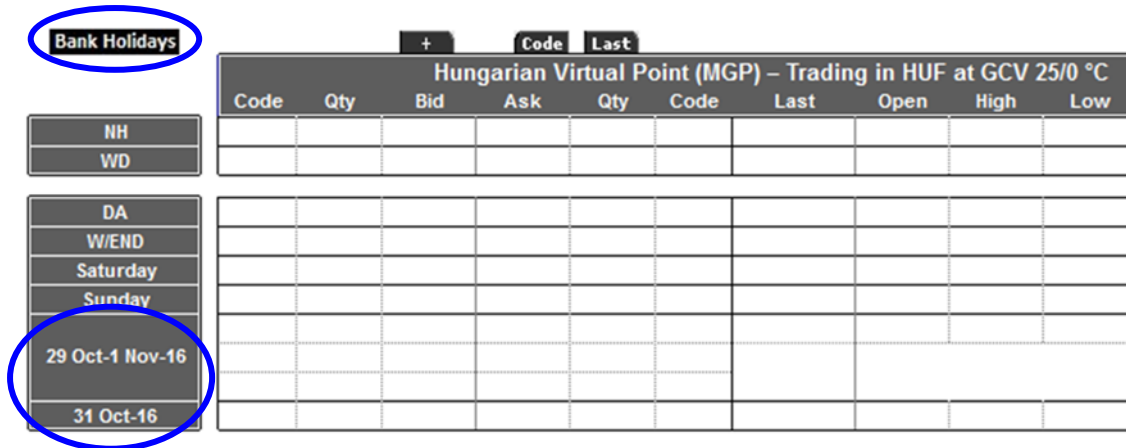
The Activity Ticker shows details of recent market activity, such as deals that have taken place, and orders being added, updated, dealt, and deleted.

You can filter the information that is displayed in the Activity Ticker with right clicking on the Ticker so that it only shows the sort of information what you wish to see.

Activity Ticker	
09:50:48 - Inserted: Ask for 10 MWh/hr of Hungarian Virtual Point Jan-18 at 23,00	
09:50:23 - Inserted: Ask for 10 MWh/hr of Hungarian Virtual Point DA at 20,00	
09:50:11 - [Paid] [S] CEEGEX Zrt., CXCA has sold 10 MWh/hr of Hungarian Virtual Point DA at 19,50	
09:43:09 - Updated: CEEGEX Zrt., CXCA Bid for 5 MWh/hr of Hungarian Virtual Point Nov-17 at 17,88	
09:43:09 - Updated: CEEGEX Zrt., CXCA Bid for 10 MWh/hr of Hungarian Virtual Point DA at 17,45	

3.7 Bank Holidays button

By clicking on the Bank Holidays button (located at the upper left corner of the screen) the next upcoming bank holidays become visible on the trading screen. Please note, that Holiday block and Holiday individual day products are tradeable on the last business day preceding the bank holiday.



Hungarian Virtual Point (MGP) – Trading in HUF at GCV 25/0 °C										
Code	Qty	Bid	Ask	Qty	Code	Last	Open	High	Low	
NH										
WD										
DA										
W/END										
Saturday										
Sunday										
29 Oct-1 Nov-16										
31 Oct-16										

By clicking on the Bank Holidays button the second time, the next upcoming Holidays will disappear from the trading screen again.

Title 4 Series of Sessions

	SPOT market			PhF market	
HVP (Hungarian Virtual Point) Products	NH (Next Hour); WD (Within-day)	DA (Day-ahead, Weekend, Saturday, Sunday, Holiday)		PhF market products: Months, Quarters (OTC trades)	
Locational Products	NH (Next Hour); WD (Within-day)	ND (Next Day)		-	
Series of Session	Open	Open	Closed	Open (only CEEGEX weekdays)	Closed
	0-24	08:30:00 - 03:00:00	03:00:01 - 08:29:59	08:30:00 - 16:30:00	16:30:01 - 08:29:59

The sessions are visible for all instruments in gray boxes in the workbook.

Bank Holidays		Hungarian Virtual Point (MGP) – Trading in EUR at GCV 2									
		Code	Qty	Bid	Ask	Qty	Code	Last			
+	NH								Open	+	NH
+	WD								Open	+	WD
-	DA	CXCA	10	17,45	19,50	10	CXCA	19,20 ↑	Open	-	DA
					20,00	1					
					19,80	20	CXCA				
+	W/END								No Active Session	+	W/END
+	Saturday								No Active Session	+	Saturday
+	Sunday								No Active Session	+	Sunday
-	Nov-17	CXCA	5	17,88	21,00	5	CXCA		Open	-	Nov-17
+	Dec-17								Open	+	Dec-17
+	Jan-18				22,30	10	CXCA		Open	+	Jan-18
+	Q1-18								Open	+	Q1-18
+	Q2-18								Open	+	Q2-18
+	Q3-18								Open	+	Q3-18
+	Q4-18								Open	+	Q4-18

4.1 Open (Continuous Trading) Session

During the Open (Continuous Trading) Session traders of CEEGEX Members may submit orders into the order book, which will match when bids and offers are equal or overlap in price. OTC trades can be reported for clearing. Cross trades are not permitted.



4.2 Closed Session

After the closure of the market, firm order entry, trading and OTC trade reporting are not permitted.

4.3 Halt Session

The Halt Session is an “override” session that can be scheduled by CEEGEX Ltd. instantly if necessary to close the market, for example in response to extraordinary market events. At the end of the Halt Session, the system can be quickly returned to the session that was in place prior to the halt.

Title 5 Order types

Type	Explanation	Example
Firm (tradeable)	Firm orders are the only tradeable orders in GlobalVision, and all GlobalVision users can see them (subject to permissions and trading agreements). Tradeable firm orders are shown in red by default.	
Fill and kill	An order that will be dealt for whatever quantity is available, and then dropped. If there is not enough available quantity to satisfy the total requested quantity, the order will be partially dealt, and the remainder will be dropped. Fill and kill orders are shown in red like the tradeable firm orders.	
Withheld	Withheld orders cannot be traded by anyone. They are only visible to exchange operators, and traders belonging to the company that owns the order. They are not visible to traders from other companies. By default, withheld orders are light grey.	
Hidden quantity/ Iceberg	Only the visible quantity will be shown to other traders, with portions of the hidden quantity becoming visible and tradable automatically when the visible quantity has been dealt.	
Your own orders	Your own orders (and orders belonging to your company) are shown with a green background by default.	

Title 6 Trading screen

Order Handling

6.1 Worksheets

There are three worksheets on the trading screen:

- » CEEGEX worksheet: on this screen you can find all the Hungarian Virtual Point products:
 - Next-Hour and Within-Days
 - Day-ahead products
 - PhF products.

Bank Holidays		Code		Last		Hungarian Virtual Point (MGP) – Trading in EUR at GCV 25/0 °C									
		Code	Qty	Bid	Ask	Qty	Code	Last	Open	High	Low	CP / SP	OI		
NH															Open
WD															Open
DA		CXCA	10	17,45	19,50	10	CXCA	19,20 ↑	17,50	19,20	16,70				Open
			10	17,00	20,00	1									
					19,80	20	CXCA								
W/END															No Active Session
Saturday															No Active Session
Sunday															No Active Session
Nov-17		CXCA	5	17,88	21,00	5	CXCA						0,00		Open
Dec-17													0,00		Open
Jan-18					22,30	10	CXCA						0,00		Open
Q1-18													0,00		Open
Q2-18													0,00		Open
Q3-18													0,00		Open
Q4-18													0,00		Open

CEEGEX Balancing / OTC Clearing /

- » Locational worksheet: here you can find all the locational products of CEEGEX:
 - Next-Hour and Within-Days
 - Next Day product



	Code	Last		Code	Last		Code	Last		
[-]	Open	Algyő III FGT ki Szőreg				Algyő III FGT be Szőreg				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Beregdaróc 1400 (UA>HU)				Beregdaróc 800 (HU>UA)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Csanádpalota (RO>HU)				Csanádpalota (HU>RO)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Drávaszerdahely (CR>HU)				Drávaszerdahely (HU>CR)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Egyesített Kitérolás				Egyesített Letárolás				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Mosonmagyaróvár (AT>HU)				Kiskundorozsma (HU>RS)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	MOL Nyrt KTD (2/H)				MOL Nyrt KTD (2/S)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	
[-]	Open	Vecsés 4 (MGT>FGSZ)				Vecsés 4 (FGSZ>MGT)				Open
	NH	Code	Qty	Bid	Ask	Qty	Code	Last	NH	
[+]	WD								WD	
[+]	ND								ND	

News		
M:\CEESEX	Locational	OTC Clearing /

➤➤ OTC deal registration worksheet: here you can registrate your existing deal with your dealing partner. See more at section 6.15.

		+ -		Code	Last		
Hungarian Virtual Point (MGP) – OTC Clearing							
	Code	Qty	Bid	Ask	Qty	Code	Last
Nov-17							Open
Dec-17							Open
Jan-18							Open
Q1-18							Open
Q2-18							Open
Q3-18							Open
Q4-18							Open

News

EX (Balancing) OTC Clearing

6.2 Submitting an Order to the Market

Below is a screenshot of the CEEGEX trading screen. The blue box highlights the tradeable area for the future contract Hungarian Virtual Point Nov-17

Bank Holidays		Hungarian Virtual Point (MGP) – Trading						
		Code	Qty	Bid	Ask	Qty	Code	Last
+	NH							
+	WD							
-	DA	CXCA	10	17,45	19,50	10	CXCA	19,20 ↑
			10	17,00	20,00	1		
					19,80	20	CXCA	
+	W/END							
+	Saturday							
+	Sunday							
-	Nov-17	CXCA	5	17,88	21,00	5	CXCA	
+	Dec-17				22,30	10	CXCA	
+	Jan-18							
+	Q1-18							
+	Q2-18							
+	Q3-18							
+	Q4-18							

To submit an order for this contract, you can either

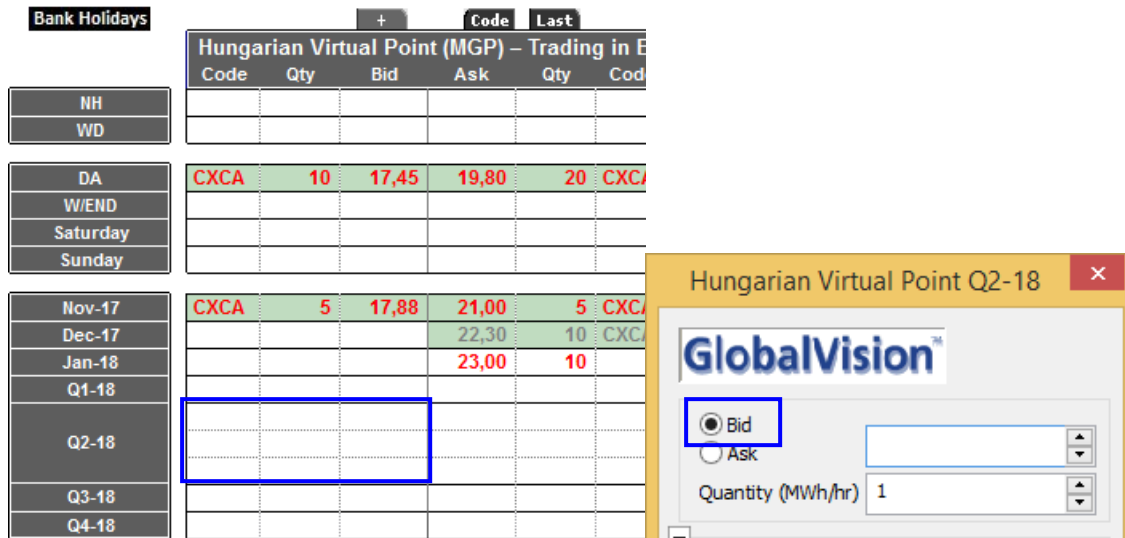
- double-click on the tradeable area, or
- right-click on the tradeable area, and select “Add Order”

Either way will bring up the “Price Entry Dialog”:

Below listed the fields that you need to fill in to add an order:

1. Side

Indicate whether it is a “Bid” or an “Ask” order. Depending on where you click to bring up the dialog, it defaults to “Bid” or “Ask” accordingly:



The screenshot shows a trading interface for the Hungarian Virtual Point (MGP). On the left, there are panels for 'Bank Holidays' (NH, WD, DA, W/END, Saturday, Sunday) and a calendar for the year 2018 (Nov-17, Dec-17, Jan-18, Q1-18, Q2-18, Q3-18, Q4-18). The main table displays market data with columns for Code, Qty, Bid, Ask, Qty, and Code. The Q2-18 row is highlighted with a blue box. On the right, a 'GlobalVision' dialog box is open for 'Hungarian Virtual Point Q2-18', showing 'Bid' selected as the order type and 'Quantity (MWh/hr)' set to 1.

Bank Holidays		Hungarian Virtual Point (MGP) – Trading in E					
		Code	Qty	Bid	Ask	Qty	Code
NH							
WD							
DA		CXCA	10	17,45	19,80	20	CXCA
W/END							
Saturday							
Sunday							
Nov-17		CXCA	5	17,88	21,00	5	CXCA
Dec-17					22,30	10	CXCA
Jan-18					23,00	10	
Q1-18							
Q2-18							
Q3-18							
Q4-18							

2. Price

3. Quantity

4. Price Status

Select a status for the price. It can be “Firm”, “Firm – Fill and Kill” or “Withheld”.

Fill and Kill: an order that will be dealt for whatever quantity is available, and then dropped.

5. Expiry Type

Select an expiry type for the price. It can be “Good Till Cancelled”, “Good For Day” or “Good Till Date”.

6. Hidden Quantity

Submitting an order with a hidden quantity allows you to submit an order with a large quantity without initially revealing the full quantity to the market.

7. Trading account

It is not possible to add an order without adding a trading account. For the first time you need to add your account(s) to the scroll down menu by choosing <Edit...> and mark your accounts and click on Add. You can set the default account with the Move Up and Move Down buttons. The account on the top will be the default.



The image shows a software dialog box titled "Select Trading Account" with a close button (X) in the top right corner. The dialog is divided into two main sections: "Available Accounts:" on the left and "My Accounts:" on the right. In the "Available Accounts:" list, the account "CXCA_ACC1" is selected. Between the two lists are four buttons: "Add", "Remove", "Move Up", and "Move Down". At the bottom of the dialog are "OK" and "Cancel" buttons. The "My Accounts:" list currently contains the text "<None>".

Having the above fields filled out, you can now click “Add” to submit the order.

6.3 Viewing Order Details

There are a number of ways to view the details of an order submitted to the system:

➤➤ Mouse-over the order

Saturday						
Sunday						
Nov-17	CXCA	5	17,88	21,00	5	CXCA
Dec-17		5	18,10	22,30	10	CXCA
Jan-18				23,00	10	
Q1-18						
Q2-18						
Q3-18						
Q4-18						

Hungarian Virtual Point Dec-17 (Bid)
Price: 18,10
Quantity: 5 MWh/hr
Price Status: Firm
Execution: Bilateral
Last Update: 50 seconds

➤➤ Right-click on the order and then select “Investigate Order”

NH						Open		
WD						Open		
DA	CXCA	10	17,45	19,80	20	CXCA	19,50 ↑	Open
W/END								Open Session
Saturday								Open Session
Sunday								Open Session
Nov-17	CXCA	5	17,88					Open
Dec-17		5	18,10					Open
Jan-18								Open
Q1-18								Open
Q2-18								Open
Q3-18								Open
Q4-18								Open

Investigate Order

Name	Value
ID	209621
Instrument	Hungarian Virtual Point Nov-17
Price Status	Firm
Price	17,88
Quantity	5 Megawatt Hours per hour
Trader Company	CXCA (CEEGEX Zrt.)
Broker Company	HUPX (HUPX)
Price Owner	CXCA
Price Modifier	CXCA
Last Update	2017.10.03. 9:43:09
Expiry Type	Good Till Cancelled
Trading Account	CXCA_ACC1
Execution	Bilateral

6.4 Click-Trading

The Front-End application enables you to deal orders by one or two clicks. For example, to deal the order Hungarian Virtual Point Nov-17 (Bid), you can either:

➤➤ double-click on the order (anywhere inside the blue box), or

Bank Holidays		+		Code		Last			
NH		Hungarian Virtual Point (MGP) – Trading in EUR at GCV 2						Open	
WD								Open	
DA		CXCA	10	17,45	19,80	20	CXCA	19,50 ↑	Open
W/END								No Active Session	
Saturday								No Active Session	
Sunday								No Active Session	
Nov-17		5	19,80	21,00	5	CXCA		Open	
Dec-17		5		21,20	20	CXCA		Open	
Jan-18								Open	
Q1-18								Open	
Q2-18								Open	
Q3-18								Open	
Q4-18								Open	

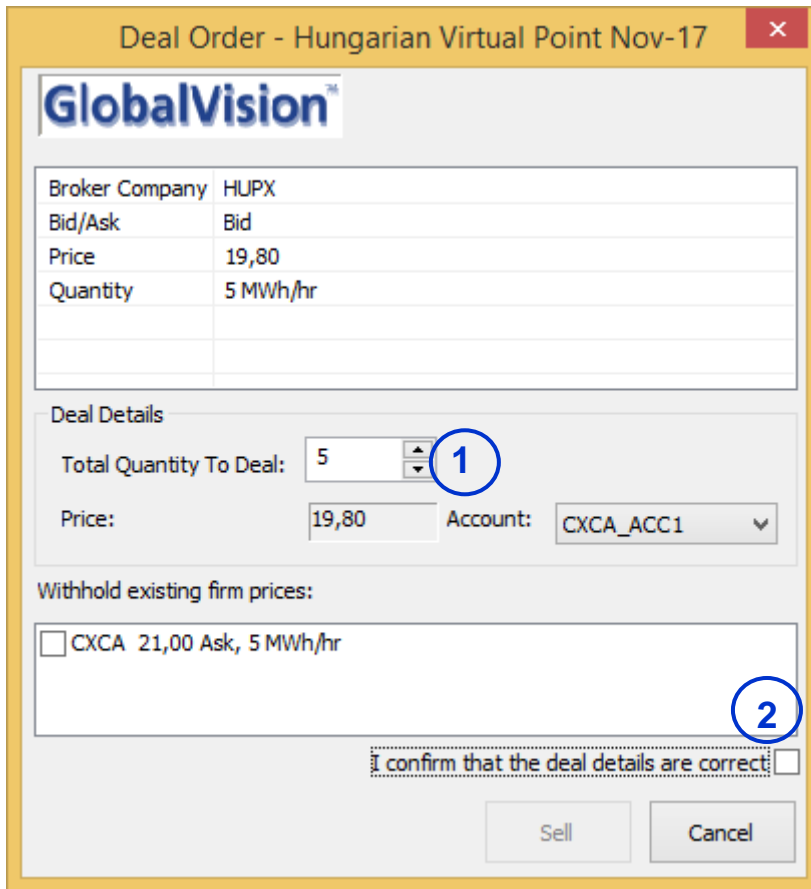
Hungarian Virtual Point Nov-17 (Bid)
Price: 19,80
Quantity: 5 MWh/hr
Price Status: Firm
Execution: Bilateral
Last Update: 11 seconds

➤➤ right-click on the order, and select “Deal Order”.

+ Saturday						No Active Session	
+ Sunday						No Active Session	
- Nov-17		5	19,80	21,00	5	CYCA	Open
+ Dec-17		5	18,1				Open
+ Jan-18							Open
+ Q1-18							Open
- Q2-18							Open
+ Q3-18							Open
+ Q4-18							Open

- Deal Order
- Deal Quantity
- Firm Order
- Withhold Order
- Add Order
- Join the Market
- Match the Market
- Update Order
- Delete Order
- Add to Basket
- Investigate Order
- View Order History
- View Deals
- View Market Depth
- View Deal Ticker
- Linked ▶
- Product Description
- User Defaults
- Copy Ctrl+C
- Channel ▶

Either way will open the “Deal Order” window:



In the Deal Order window:

1. select the total quantity to deal. This can be up to or equal to the quantity shown in the worksheet
2. tick the box “I confirm that these details are correct.”

Finally, click either “Buy” or “Sell” (depending on the type of order you are dealing) to execute the deal.

6.5 Auto-Matching

When there are matching bid and ask orders in the market, trades will be executed automatically.

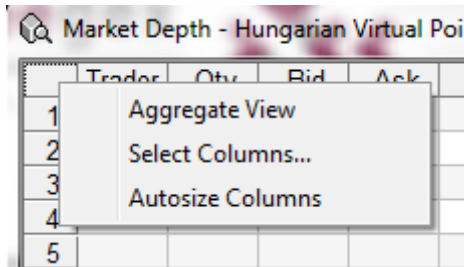
Suppose that there is a bid order of Hungarian Virtual Point with price 17,00 and quantity 10.

Bank Holidays		+ Code Last				
Hungarian Virtual Point (MGP) – Trading in EUR						
Code	Qty	Bid	Ask	Qty	Code	
NH	10	17,00				

If you submit a matching ask order with price 17,00 and quantity 10 the two orders will be automatically matched, resulting in a trade.

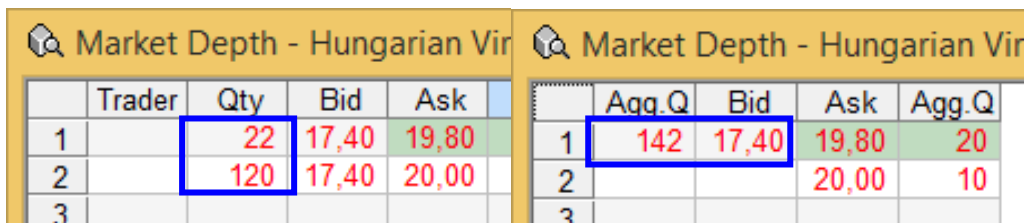
6.6 View Market Depth

To view Market Depth right click on the instrument and select “View Market Depth”. By right-click on the left hand corner of the Market Depth window you can select the following:



6.6.1 Aggregate View

This function aggregates the quantities for the same price. For example if there are two bid offers for a price of 17,40, one of them with 22 MWh/h and the other with 120 MWh/h quantity, the aggregated view will show these offers as one bid offer of 142 MWh/h quantity for 17,40 price.

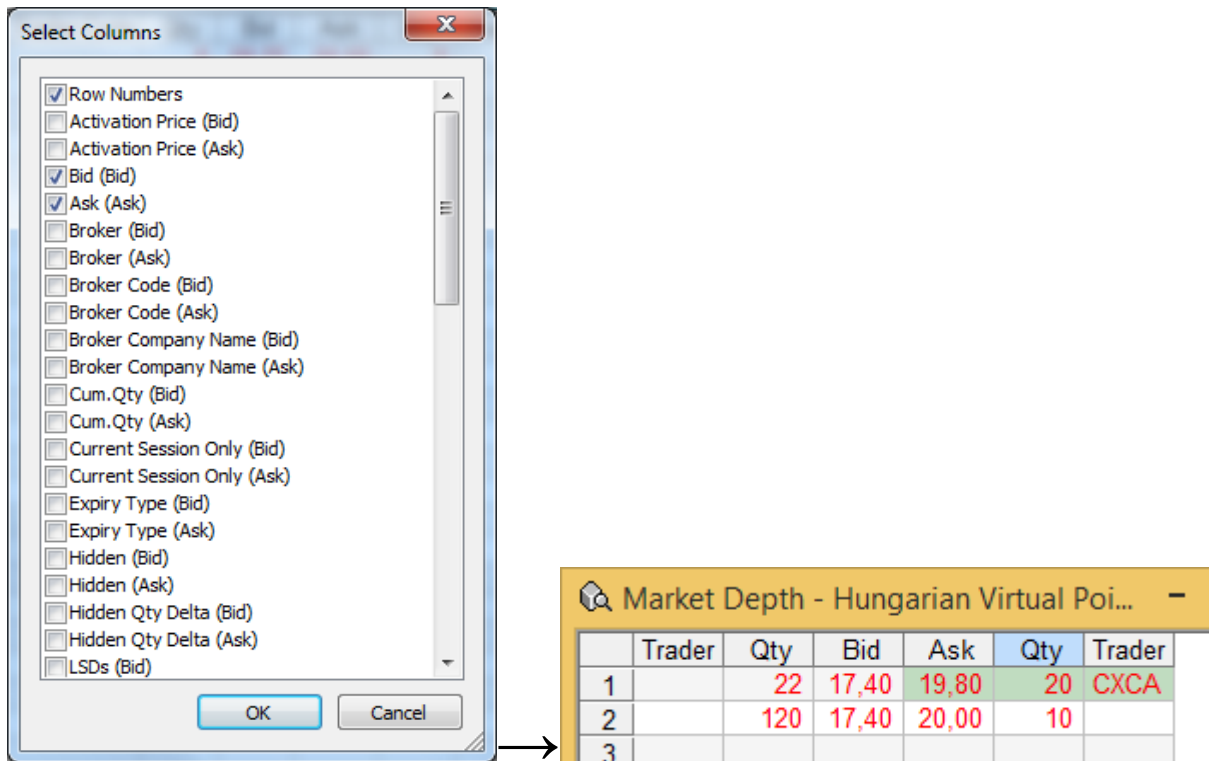


	Trader	Qty	Bid	Ask
1		22	17,40	19,80
2		120	17,40	20,00
3				

	Agg.Q	Bid	Ask	Agg.Q
1	142	17,40	19,80	20
2			20,00	10
3				


6.6.2 Select Columns.

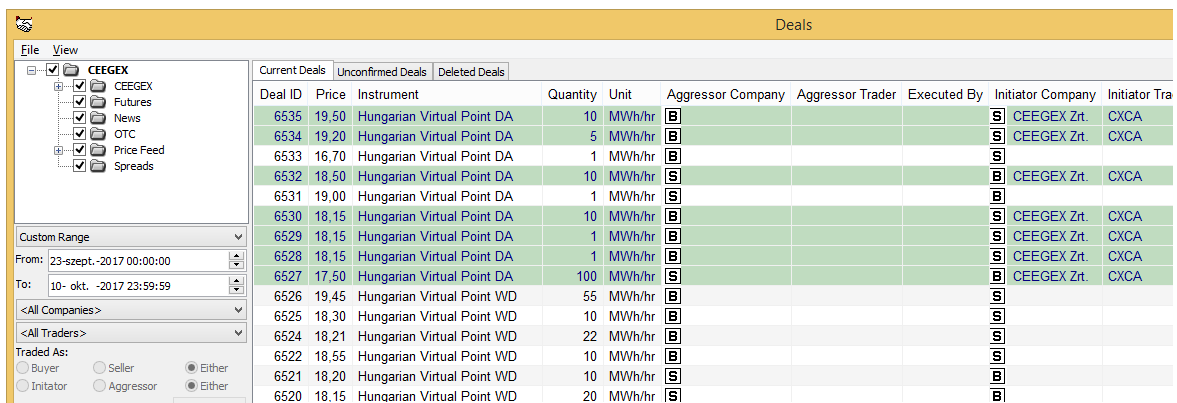
You can customize your Market Depth window by selecting the columns which you wish to see in window.



6.7 View Deals

You can use the Deals window to view the deals submitted to the system. To open the Deals window:

- go to View → Deals or press F9 or
- click on the  icon (on the top-right corner)

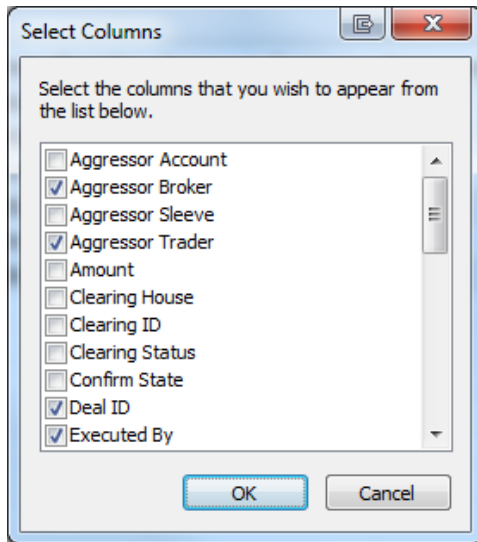


The 'Deals' window shows the following table:

Deal ID	Price	Instrument	Quantity	Unit	Aggressor Company	Aggressor Trader	Executed By	Initiator Company	Initiator Tra
6535	19,50	Hungarian Virtual Point DA	10	MWh/hr				CEEGEX Zrt.	CXCA
6534	19,20	Hungarian Virtual Point DA	5	MWh/hr				CEEGEX Zrt.	CXCA
6533	16,70	Hungarian Virtual Point DA	1	MWh/hr					
6532	18,50	Hungarian Virtual Point DA	10	MWh/hr				CEEGEX Zrt.	CXCA
6531	19,00	Hungarian Virtual Point DA	1	MWh/hr					
6530	18,15	Hungarian Virtual Point DA	10	MWh/hr				CEEGEX Zrt.	CXCA
6529	18,15	Hungarian Virtual Point DA	1	MWh/hr				CEEGEX Zrt.	CXCA
6528	18,15	Hungarian Virtual Point DA	1	MWh/hr				CEEGEX Zrt.	CXCA
6527	17,50	Hungarian Virtual Point DA	100	MWh/hr				CEEGEX Zrt.	CXCA
6526	19,45	Hungarian Virtual Point WD	55	MWh/hr					
6525	18,30	Hungarian Virtual Point WD	10	MWh/hr					
6524	18,21	Hungarian Virtual Point WD	22	MWh/hr					
6522	18,55	Hungarian Virtual Point WD	10	MWh/hr					
6521	18,20	Hungarian Virtual Point WD	10	MWh/hr					
6520	18,15	Hungarian Virtual Point WD	20	MWh/hr					

If you would like to see information about certain deals and not every single deal, you can set the filters on the left of the Deals window; click “Apply” and the deals that match the filters you have set will be shown on the right.

You can choose which columns of information to show by going to View → Columns, and then selecting the columns you would like to see:

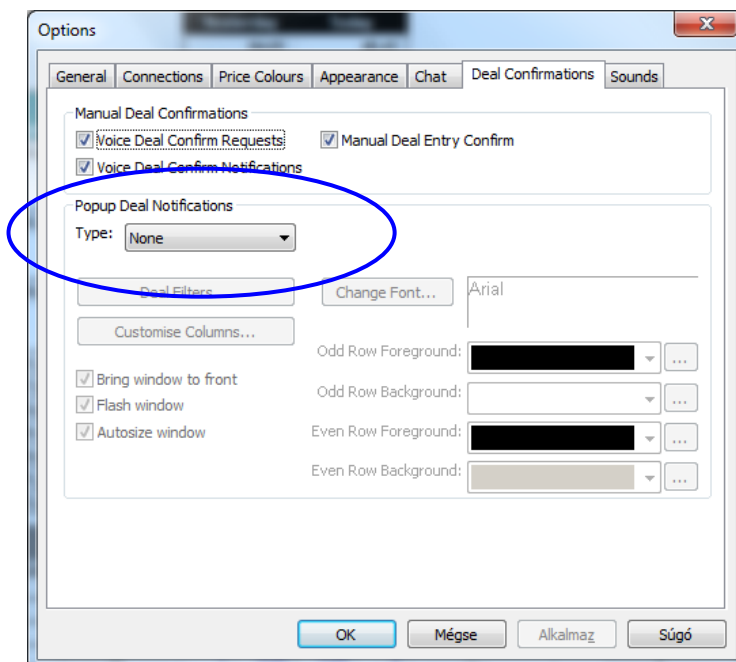


You can find three sheets on Deals window:

- »» *Current Deals*: shows the executed deals
- »» *Unconfirmed Deals*: shows the deals waiting for confirmation. For example you will see your OTC deals here until you or the other party will not confirm it.
- »» *Deleted Deals*: lists all deleted deals in the selected period of time.

Deals window will pop up by default after every deal which was made on the market, including OTC deals. In order to turn off the popup window do the following:

Tools menu → Options → Deal confirmations → Popup deal notifications: None and click OK.



6.8 Updating an Order

Right-click on the order in the grid and select “Update Order” from the menu. Changing the order's quantity and expiry time can be made without affecting the order's position in the price stack relative to other orders with the same price value.

6.9 Dealing a Single Order

When you deal a single order you can only deal in quantities up to or equal to the amount shown in the Worksheet for that single order.

1. To deal a single order, open the Deal Order Dialog by doing one of the following:
 - » right-click on the order, and select Deal Order
 - » highlight the order and press *Enter*
 - » double-click on the order.
2. In the Deal Order Dialog, select the required quantity.
3. Select *I confirm that the deal details are correct*.
4. To execute the deal, click either *Buy* or *Sell* (depending on the type of order you are dealing). Alternatively, click *Cancel* to close the Deal Order Dialog without making the deal.

6.10 Join the Market

Join the Market provides a quick way to enter an order that is similar to an order already in the market for the selected instrument and period.

To join the market:

- » right-click on the price you want to match
- » select “Join the Market” from the right-click menu
- » Price Entry Dialog opens.

6.11 Match the Market

Works in the same way as join the market, except that new order defaults to the opposite side of the market to the one that you clicked on.

6.12 Deleting an Order

To permanently remove an existing order from the Worksheet, do one of the following:

- » right-click on the order in the grid and select “Delete Order” from the right-click menu
- » highlight the order and press *DEL*.







If you just want to make an order untradeable, you can withhold the order, rather than deleting it. Withholding the order makes it untradeable, but keeps the order in the system so you can make it tradeable again at some point in the future. To withhold an order, select “Withhold Order” from the menu.

6.13 Investigating an Order

Investigate Order displays more detailed information about an order, such as additional terms or the last update.

6.14 Market Movement Arrows

The direction and colour of the arrow indicates the market movement (green arrows indicate that the last traded order was submitted to the ask side of the market, while red arrows indicate that the order was submitted to the bid side).

	The last traded order was an ask and the price was higher than the trade before that.
	The last traded order was a bid and the price was higher than the trade before that.
	The last traded order was an ask and the price was lower than the trade before that.
	The last traded order was a bid and the price was lower than the trade before that.
	The last traded order was an ask and the price was the same as the trade before that.
	The last traded order was a bid and the price was the same as the trade before that.

6.15 Submission of OTC deals

Deal Handling

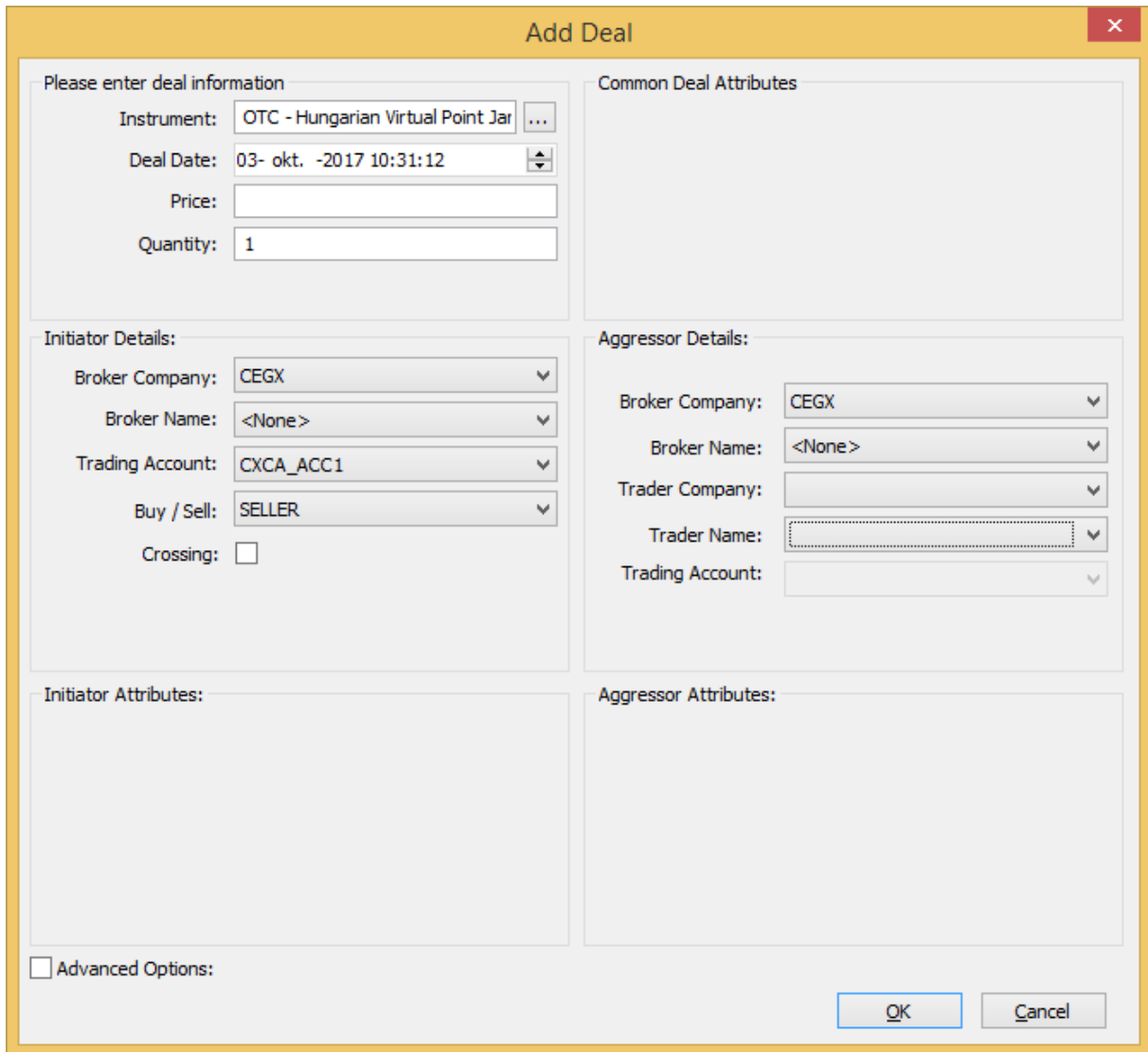
6.15.1 Submitting a Deal

Please note that only exchange tradeable contracts can be registered as an OTC trade.

Below is a screenshot of the Hungary worksheet. The blue box highlights the tradeable area for the future contract Hungarian Virtual Point Jan-18.

Hungarian Virtual Point (MGP) – OTC Clearing							
	Code	Qty	Bid	Ask	Qty	Code	Last
Nov-17							Open
Dec-17							Open
Jan-18							Open
Q1-18							Open
Q2-18							Open
Q3-18							Open
Q4-18							Open

To submit a deal for this contract right-click on the tradeable area and select “Add Deal”.




Below find the list of fields you need to fill out in order to add a deal:

1. Instrument

Indicate whether it is a monthly or quarterly contract of the Hungarian Virtual Point product you wish trade.

2. Deal Date

You can set the date of the deal by clicking on the day, month and year separately and modifying it with the  arrows.

3. Price

4. Quantity

5. Initiator Details

Details of the party who indicated the buy or sell deal.

➤➤ Broker Company: CEEGEX




- »» Broker Name: <None>
- »» Trading Account: choose your own account. If your account is not visible in the scroll down menu, you need to add it to the list. See in 6.1 menu.
- »» Buy/ Sell
- »» Crossing: self deal is prohibited on CEEGEX Physical Futures Market thus do not select crossing when adding a deal.

6. Aggressor Details

- »» Broker Company: CEEGEX
- »» Broker Name: <None>
- »» Trader Company
- »» Trader Name

6.15.2 View Deals

Click the Deals icon  (on the top-right corner) or press F9 or right-click on the deal, and select “View Deals”.

If you like to see information about certain deals and not every single deal in the system, you can set the filters on the left of the Deals window, click “Apply” and the deals that match the filters you have set are shown on the right.

6.15.3 View Market Depth

To see the full market depth for any instrument, right-click on the grid and select View Market Depth.

6.15.4 View Deal Ticker

You can open a scrolling deal ticker to see details of deals as they take place: the details of each deal are displayed in a small rectangular deal card, which scrolls across the screen from right to left.

6.16 Notifications and warnings

In order to minimize the possibility of mistrade, several checks were introduced to the trading system. These checks include warnings and notifications as follows.

6.16.1 “Off the market price” warning

In the following example a Bid is entered that would otherwise be dealt automatically.

The screenshot shows the GlobalVision trading interface. On the left, there is a 'Bank Holidays' sidebar with expandable sections for 'NH', 'WD', 'DA', 'W/END', 'Saturday', 'Sunday', and quarterly periods from 'Nov-17' to 'Q4-18'. The main area displays a market data table for 'Hungarian Virtual Point (MGP) – Trading in EUR at'. The table has columns for Code, Qty, Bid, Ask, Qty, and Code. The DA section shows a bid of 17,40 and an ask of 19,80. An order entry window is open over the table, showing 'Ask' selected with a price of 26 and a quantity of 1. The window includes fields for Price Status (Firm), Expiry Type (Good Till Cancelled), Expiry date, Hidden Quantity, and Trading Account (CXCA_ACC1).

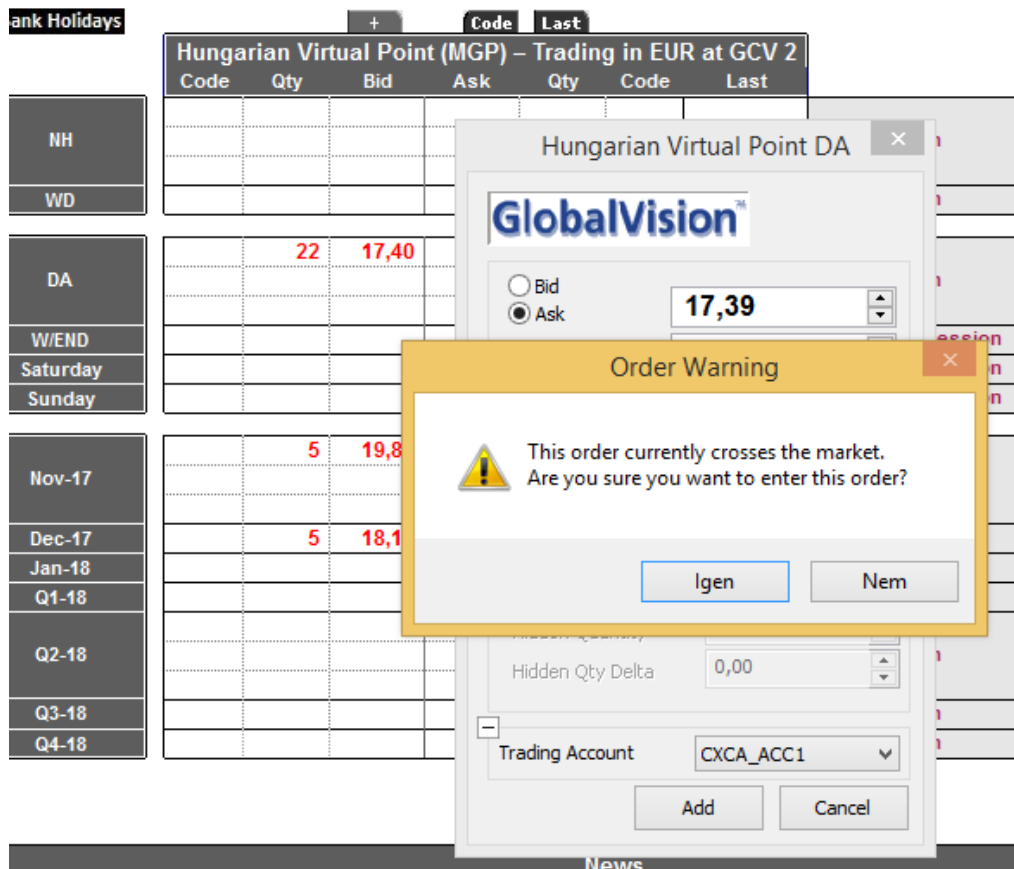
Since the price of an order about to be entered is more than 5% off the market price, a small warning window pops up.

This screenshot is similar to the previous one but includes an 'Order Warning' dialog box. The dialog box contains a warning icon and the text: 'Your price is more than 5% off the market price. Are you sure you want to enter this order?'. Below the text are two buttons: 'Igen' (Yes) and 'Nem' (No). The background trading interface is partially obscured by the dialog box.

You can ignore this warning by clicking on YES (Igen) and enter the order anyway, or click on NO (Nem) if you did not intend to enter the given price.

6.16.2 Crossing the market

Should you enter a Bid that is higher than the Best Ask (or an Ask that is lower than the Best Bid) a small warning window pops up.

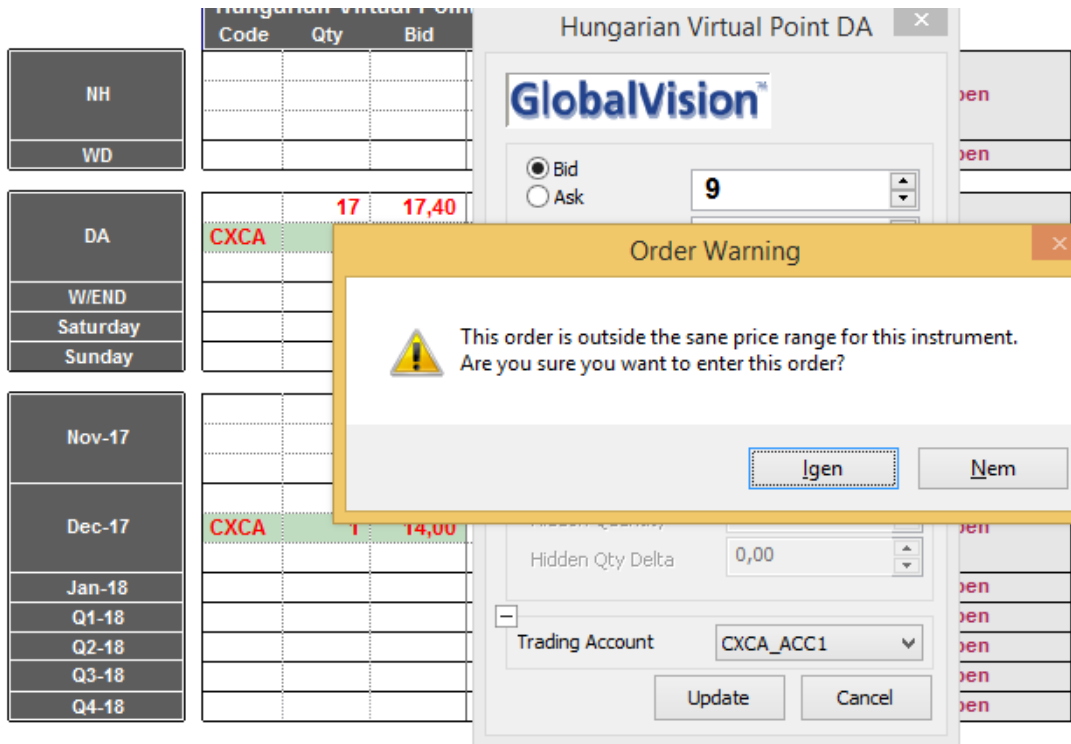


The screenshot shows the GlobalVision trading interface for 'Hungarian Virtual Point (MGP) – Trading in EUR at GCV 2'. The interface includes a table with columns for Code, Qty, Bid, Ask, Qty, Code, and Last. A warning dialog box titled 'Order Warning' is displayed in the foreground, containing the text: 'This order currently crosses the market. Are you sure you want to enter this order?' with 'Igen' (Yes) and 'Nem' (No) buttons. The background shows a trading window with a 'Bid' radio button selected and a price of '17,39' entered.

You can ignore this warning by clicking on YES (Igen) and enter the order anyway, or click on NO (Nem) if you did not intend to enter the given price.

6.16.3 Sane price range

There is a so called “sane price” range established in order to warn traders if they are about to enter an order that is significantly lower or higher than usual on the Hungarian market. The minimum sane price is 10 EUR, the maximum is 40 EUR. Should you enter a price that is outside of this range, a warning window will pop up.



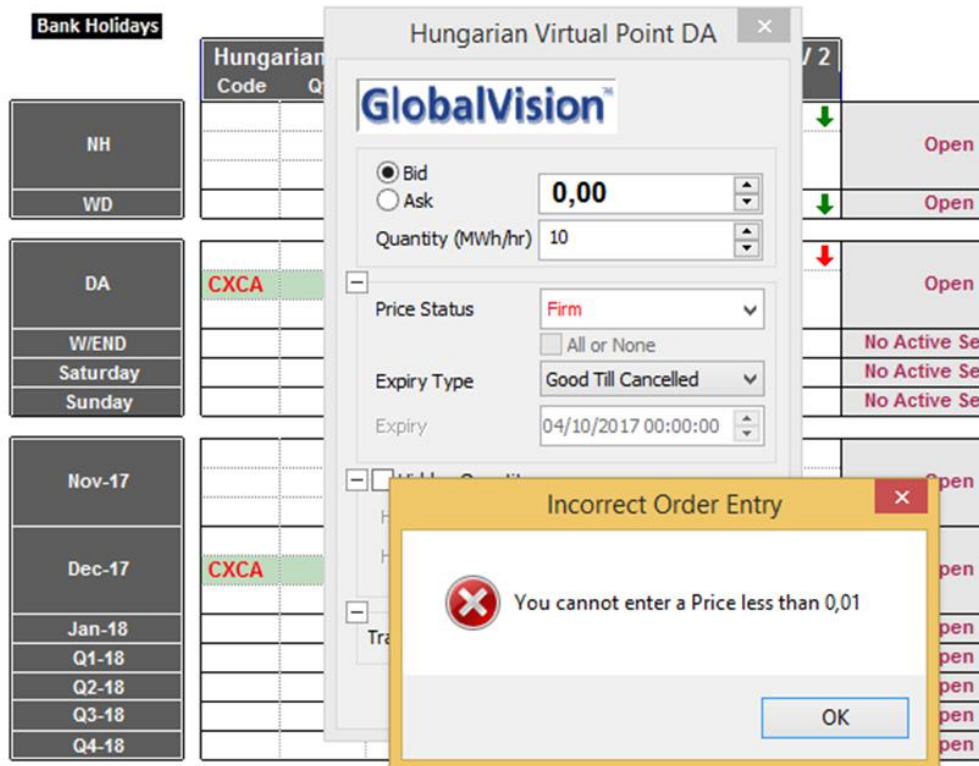
The screenshot displays the GlobalVision trading interface for Hungarian Virtual Point DA. A table with columns 'Code', 'Qty', and 'Bid' is visible. A warning dialog box is overlaid on the table, asking for confirmation to enter an order outside the price range. The dialog has 'Igen' (Yes) and 'Nem' (No) buttons.

	Code	Qty	Bid
NH			
WD			
DA	CXCA	17	17,40
W/END			
Saturday			
Sunday			
Nov-17			
Dec-17	CXCA	1	14,00
Jan-18			
Q1-18			
Q2-18			
Q3-18			
Q4-18			

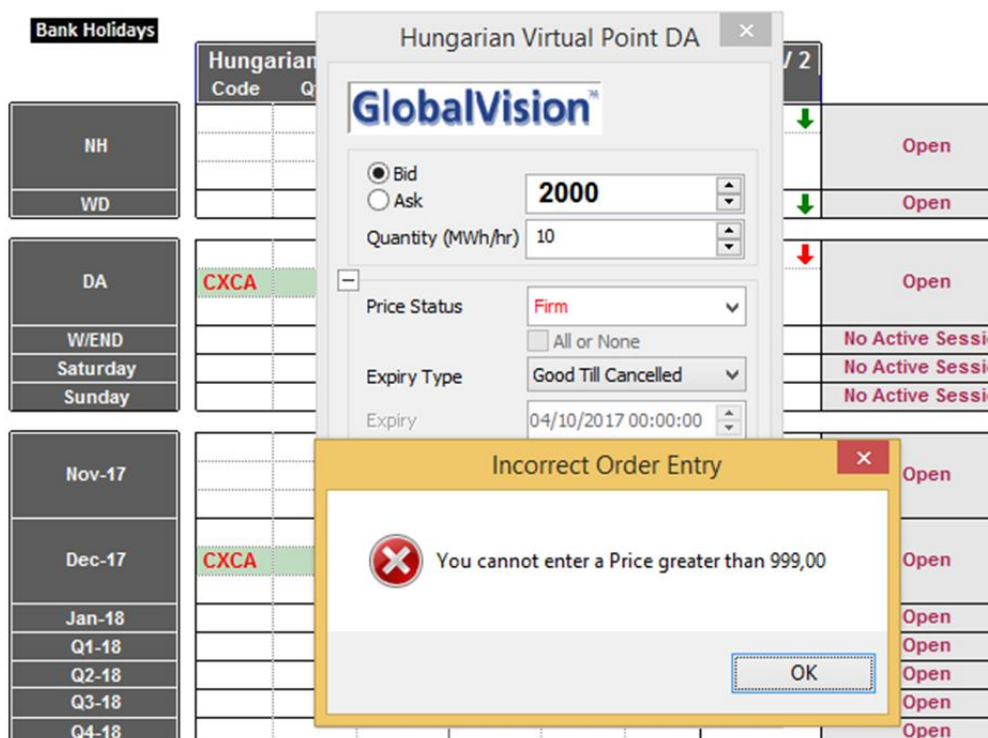
You can ignore this warning by clicking on YES (Igen) and enter the order anyway, or click on NO (Nem) if you did not intend to enter the given price.

6.16.4 Minimum and maximum price range

There is a minimum and maximum price that can be entered for a given instrument. The minimum price is 0,01 EUR, the maximum is 999. Should you try to enter a price that is outside of this range, a small notification window will pop up.



The screenshot shows the GlobalVision interface for 'Hungarian Virtual Point DA'. The 'Bid' radio button is selected, and the price field is set to '0,00'. The quantity is '10 MWh/hr'. The price status is 'Firm', and the expiry type is 'Good Till Cancelled' with an expiry date of '04/10/2017 00:00:00'. A yellow error dialog box titled 'Incorrect Order Entry' is displayed in the foreground, containing a red 'X' icon and the message: 'You cannot enter a Price less than 0,01'. The background shows a 'Bank Holidays' table with 'CXCA' highlighted for Dec-17, and a list of sessions with 'Open' status.

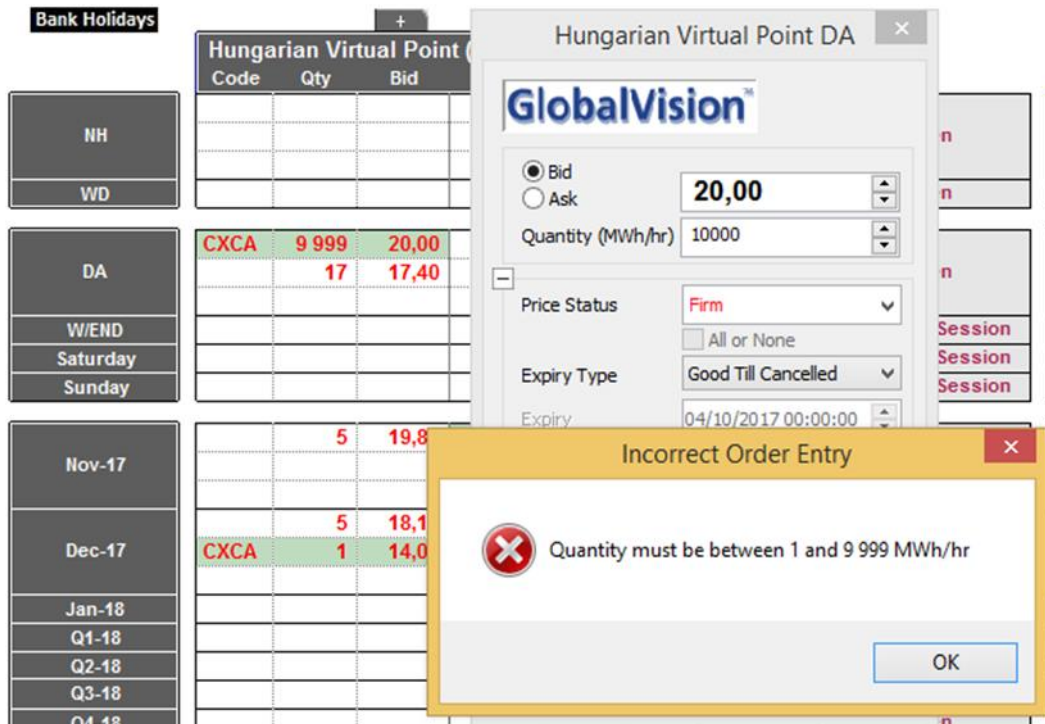


The screenshot shows the GlobalVision interface for 'Hungarian Virtual Point DA'. The 'Bid' radio button is selected, and the price field is set to '2000'. The quantity is '10 MWh/hr'. The price status is 'Firm', and the expiry type is 'Good Till Cancelled' with an expiry date of '04/10/2017 00:00:00'. A yellow error dialog box titled 'Incorrect Order Entry' is displayed in the foreground, containing a red 'X' icon and the message: 'You cannot enter a Price greater than 999,00'. The background shows the same 'Bank Holidays' table and session list as the previous screenshot.

Please note that it is not possible to ignore this warning; you will not be able to enter a price outside of this specified range.

6.16.5 Minimum and maximum quantity range

There is a minimum and maximum quantity that can be entered for a given instrument. The minimum quantity is 1 MWh/h, the maximum is 10 000 MWh/h. Should you try to enter a quantity that is outside of this range, a small notification window will pop up.



The screenshot displays the GlobalVision trading interface for the Hungarian Virtual Point DA instrument. A bid order entry window is open, showing a price of 20,00 and a quantity of 10000. The order is set to 'Firm' and 'Good Till Cancelled' with an expiry of 04/10/2017 00:00:00. An 'Incorrect Order Entry' dialog box is overlaid on the form, indicating that the quantity must be between 1 and 9999 MWh/hr. The background shows a table of market data for various periods including Bank Holidays, NH, WD, DA, W/END, Saturday, Sunday, Nov-17, Dec-17, Jan-18, Q1-18, Q2-18, Q3-18, and Q4-18.

Bank Holidays	Code	Qty	Bid
NH			
WD			
DA	CXCA	9 999	20,00
		17	17,40
W/END			
Saturday			
Sunday			
Nov-17		5	19,8
Dec-17		5	18,1
	CXCA	1	14,0
Jan-18			
Q1-18			
Q2-18			
Q3-18			
Q4-18			

Please note that it is not possible to ignore this warning; you will not be able to enter a quantity outside of this specified range.

Title 7 Shortcut keys

7.1 Trading shortcut keys

You can use the following keys during trading.

Key	Action
DEL	Deletes the selected order (provided it is either your own order, or an order that you have permission to delete).
Enter	Opens either the <i>Deal Price</i> dialog box or the <i>Price Entry</i> dialog box, depending on the currently selected cell: Tradable order Opens the <i>Deal Price</i> dialog box to deal the order. An order that you have permission to modify (for example one of your own orders) Opens the <i>Price Entry</i> dialog box to modify the order. Empty cell Opens the <i>Price Entry</i> dialog box to add a new order.
Insert	Opens the <i>Price Entry</i> dialog box to add an existing order for the selected instrument.
* (numeric keypad)	Opens the <i>Price Entry</i> dialog box to modify the order (provided it is either your own order, or an order that you have permission to update).
+ (numeric keypad)	Opens the <i>Price Entry</i> dialog box to add a new order.
/ (numeric keypad)	Opens the <i>Price Entry</i> dialog box to join the market.
- (numeric keypad)	Deletes the selected order (provided it is either your own order, or an order that you have permission to delete).
SPACE	Investigates the selected order.
Alt+D	Opens the <i>Deal Price</i> dialog box to deal the order.
Alt+B	Adds the selected order to the Deal Basket.
Ctrl+H	Opens the <i>Orders</i> window to show the selected order's history.
Ctrl+F	Firms the selected order or orders.
Ctrl+W	Withholds the selected order or orders.
Ctrl+A	Selects all orders in the <i>Order Book</i> (or selects all cells on the grid in the Front-End).
F3	Opens the <i>Market Depth</i> window.
F2	Opens the <i>Price Entry</i> dialog box to insert a bid order for the instrument in the currently selected cell.
F12	Opens the <i>Price Entry</i> dialog box to insert an ask order for the instrument in the currently selected cell. If the <i>Price Entry</i> dialog box is already open, then this shortcut sets the side of the market to <i>Ask</i> .

7.2 Navigation shortcut keys

You can use the following keys at all times to navigate the Work Sheet.

Key	Action
Cursor Keys	Move the active cell left, right, up, or down.
Home	Move to the furthest left cell in the current row.
End	Move to the furthest right cell in the current row.
Ctrl+Home	Move to the top left corner of the grid. If the currently selected cell is part of an <i>Activity Ticker</i> object or an <i>Instrument Group</i> object, this shortcut instead scrolls to the top of the object.
Ctrl+End	Move to the bottom right corner of the grid. If the currently selected cell is part of an <i>Activity Ticker</i> object or an <i>Instrument Group</i> object, this shortcut instead scrolls to the end of the object.
Page Up	Move up the grid one page. If the currently selected cell is part of an <i>Activity Ticker</i> object or an <i>Instrument Group</i> object, this shortcut instead moves up the object by one page.
Page Down	Move down the grid one page. If the currently selected cell is part of an <i>Activity Ticker</i> object or an <i>Instrument Group</i> object, this shortcut instead moves down the object by one page.
Ctrl+Cursor Keys	Move to the furthest left, right, top, or bottom cell in the grid.
Tab	Move to the next cell on the right.
Shift+Tab	Move to the cell on the left.