

CROPEX Intraday User Guide

15.11.2019



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1. GETTING STARTED

CROPEX Intraday uses a web-based trading client which is accessible via the link below. Please use the latest version of the internet browsers Chrome, Firefox, or Internet Explorer (JavaScript and Local Storage needs to be enabled).

<https://id.cropex.hr/#/login>

1.1. How to Log In

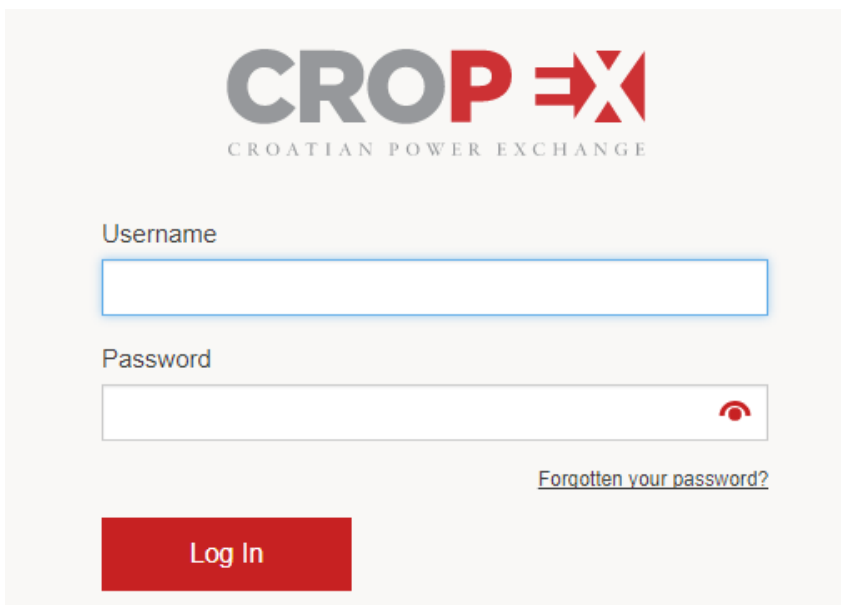
The platform utilizes CROPEX's Single Sign On (SSO) with 2-Factor Authentication (2FA):

- **SSO** makes it possible to access all CROPEX products with one single user account.
- **2FA** is an extra security step to ensure the right person is accessing the account. To learn more about 2FA, please see the **chapter 1.2**.

Access the platform via <https://id.cropex.hr/#/login>

The following screen appears:

1. Type in your personal username and password (For the first use: please see the **chapter 1.1.1**)

The image shows the login interface of the CROPEX platform. At the top, the CROPEX logo is displayed, consisting of the word "CROP" in grey and "⇒ X" in red, with "CROATIAN POWER EXCHANGE" written in small grey letters below it. Below the logo, there are two input fields: "Username" and "Password". The "Username" field is a simple white box with a blue border. The "Password" field is a white box with a blue border and a red eye icon on the right side to toggle visibility. Below the password field, there is a link that says "Forgotten your password?". At the bottom of the form, there is a red button with the text "Log In" in white.

2. Click "Log in".
3. Provide your 2-Factor Authentication (For the first use: please see the **chapter 1.2**)

1.1.1. Password policy

The first time you sign into your SSO account you are asked to make a personal password.

The requirements for the password is:

- At least eight characters
- At least one lowercase letter
- At least one uppercase letter
- At least one number
- At least one special character from the following ! @ # & () – [{ }] : ; ' , ? / *

To reset your password, click on "Forgotten your password?" from the log in screen and follow the instructions on the screen.

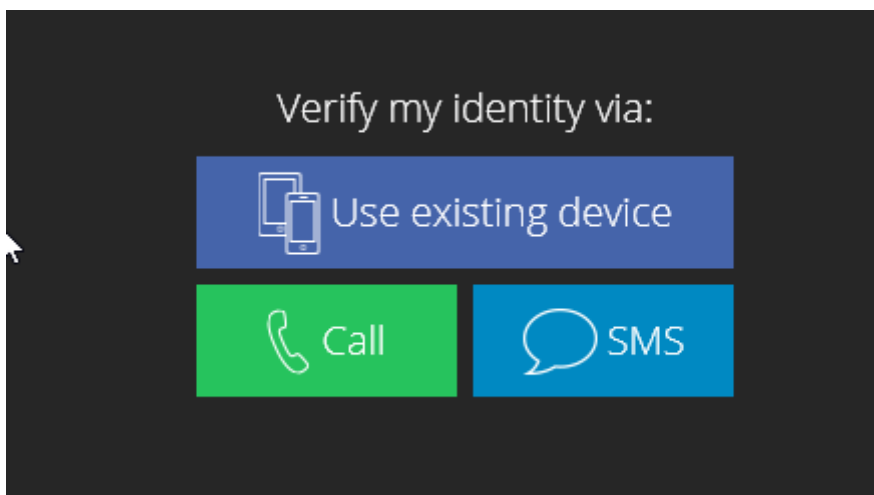
1.2. 2-Factor Authentication

Access to the platform (Single Sign on Solution - SSO) is based on Nord Pool security protocol - 2-Factor Authentication security system.

1.2.1. 2FA install second Authy app

You can use several Authy apps in parallel.

After the installation of the second Authy app, you can approve the app with one touch in the **mobile app** or **Chrome web app**.



You will get a request in the app to approve the access will look something like this:

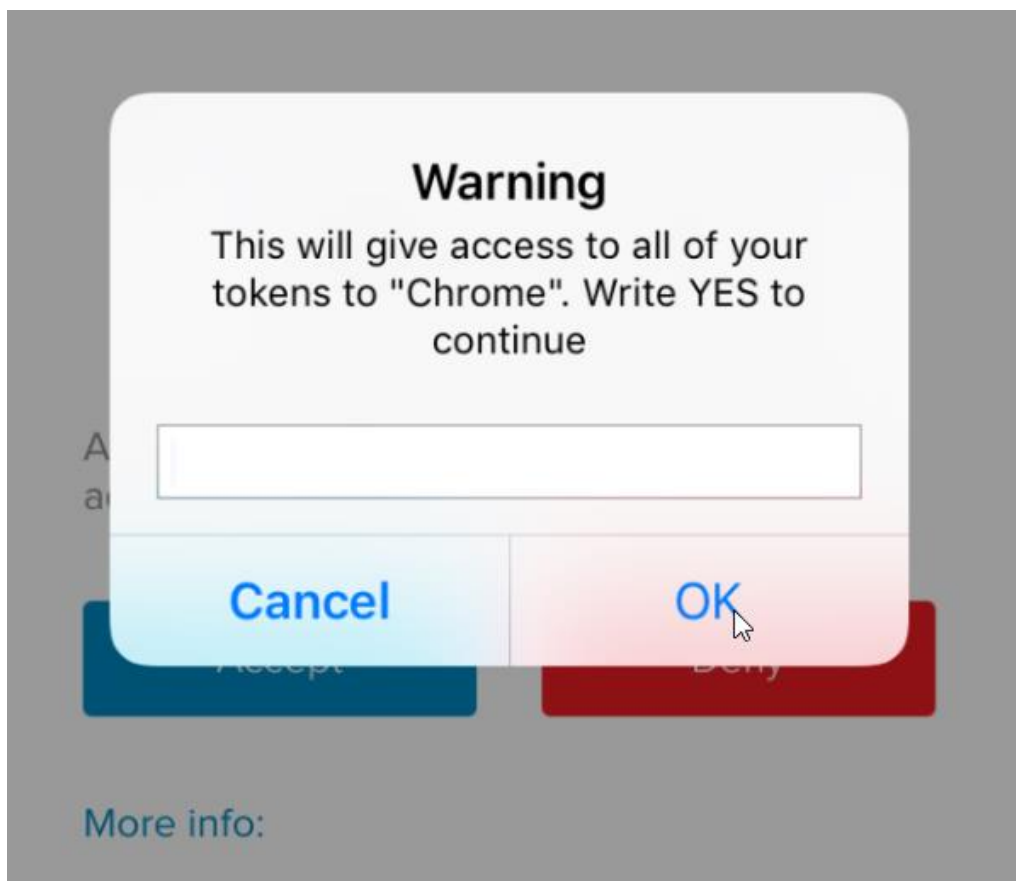


A new device called "Chrome" wants to be added as another device. Do you accept?

Accept

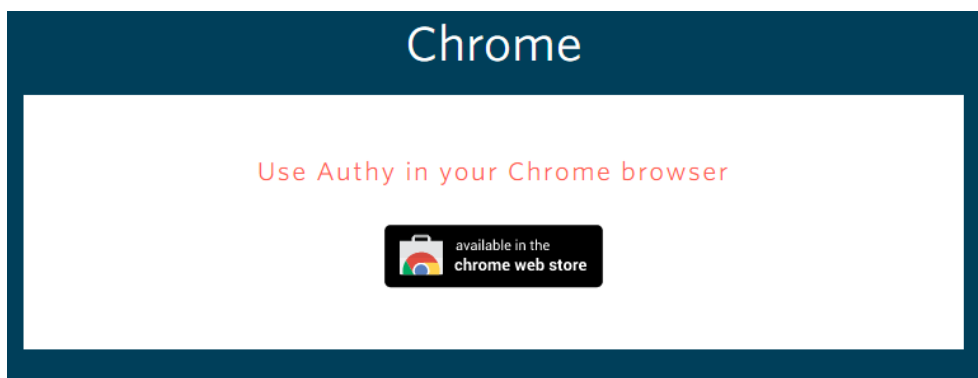
Deny

[More info:](#)



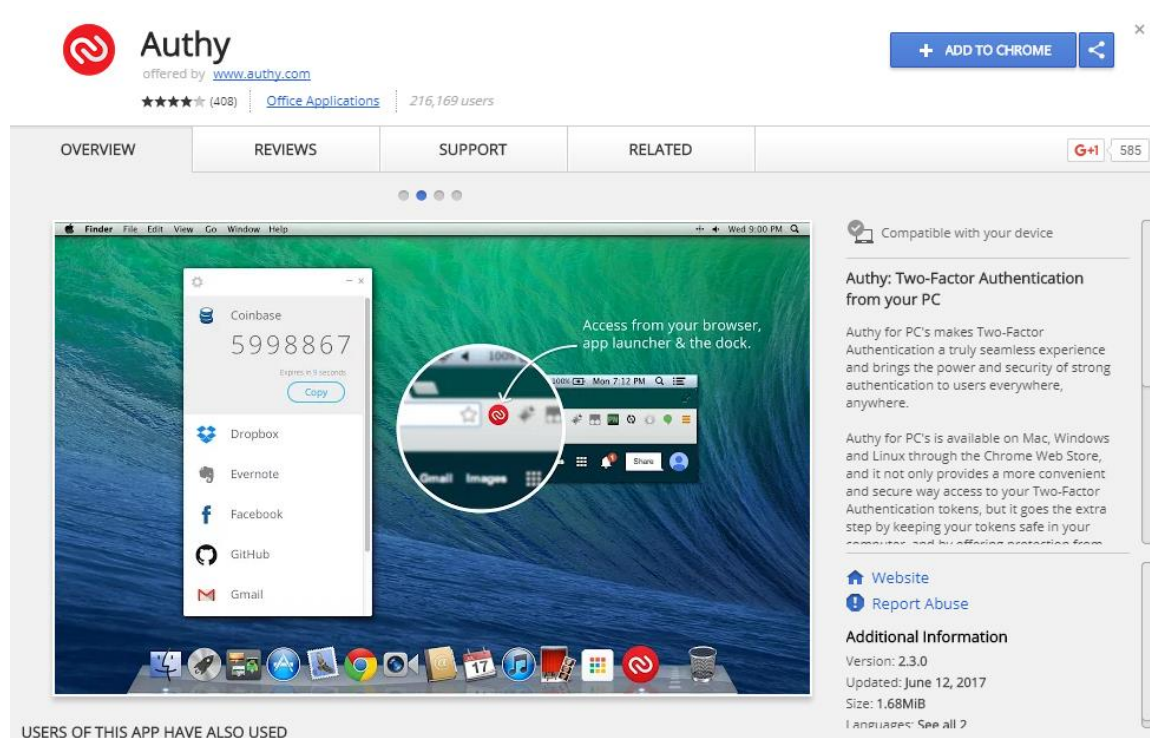
1.2.2. 2FA Chrome extension

You can use the 2-Factor Authentication with an extension in the **Chrome browser**. To get started with the extension go to Authy download page: <https://authy.com/download/>

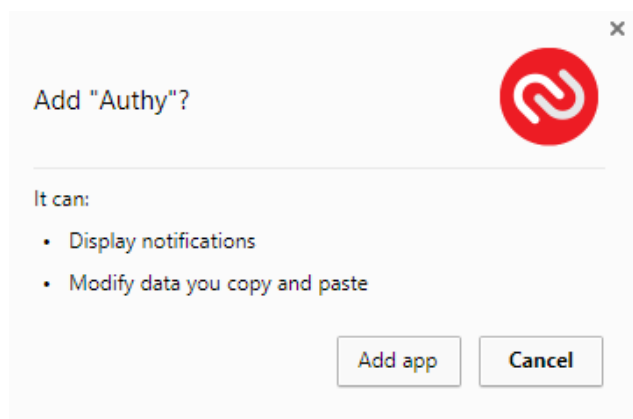


Open the Chrome web Store by clicking on the Icon.

You will be redirected to Chrome web Store:



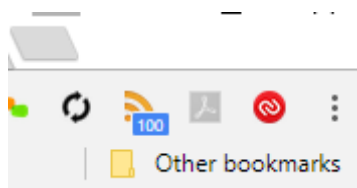
Click on the button Add to Chrome.



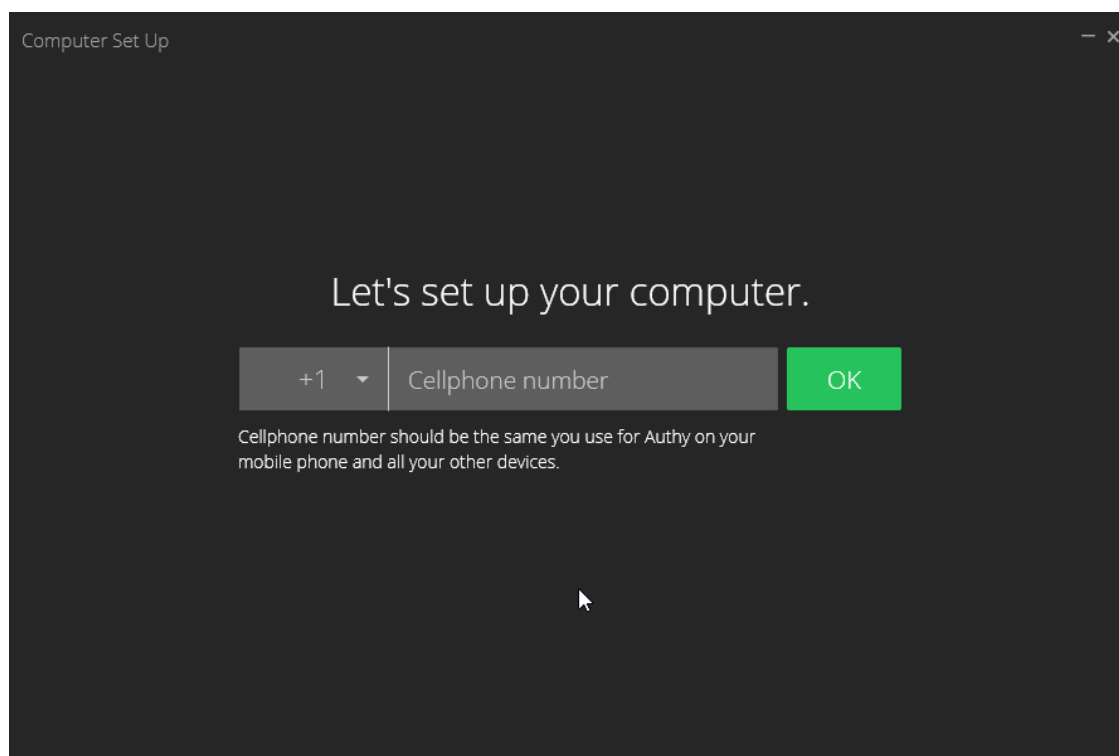
Click on Add app.

The Authy app will be available in your Chrome browser.

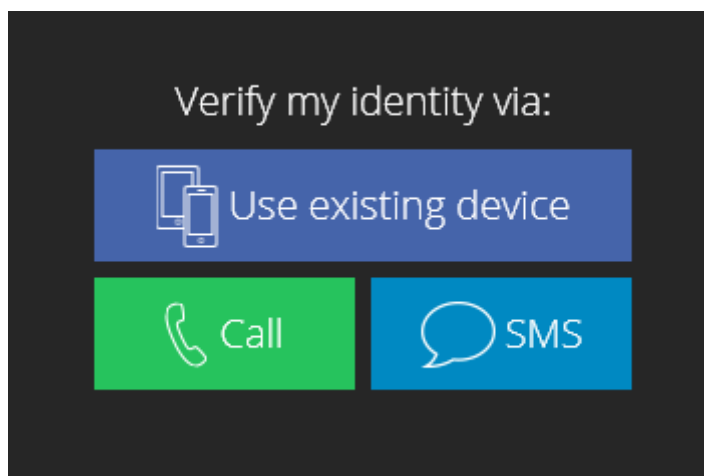
You can find the app by using the following URL in your browser: <http://chrome//apps/>
or you can click on the Authy Icon in the top right corner:



To set up the Authy account, click on the extension app:



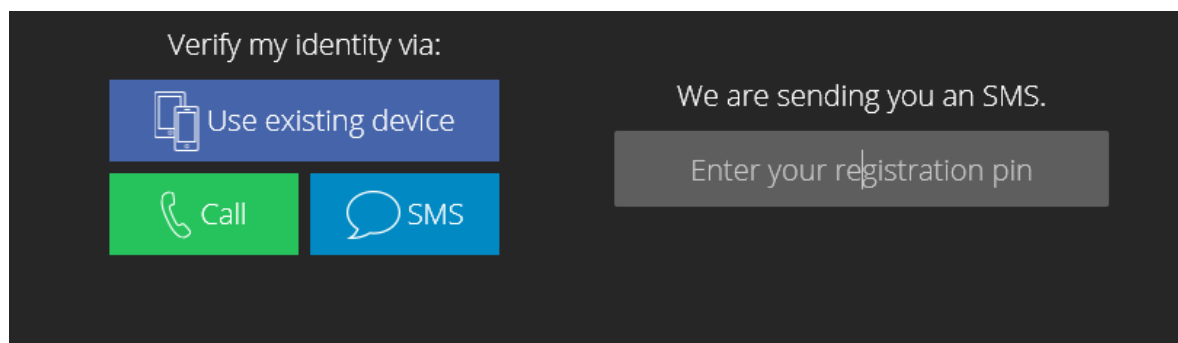
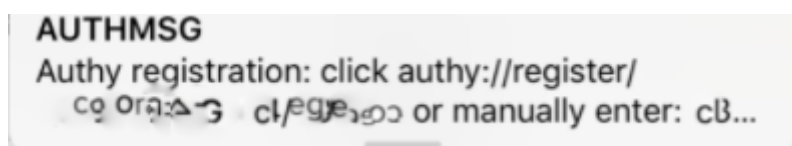
Choose your Region prefix and enter your phone number and click on OK:



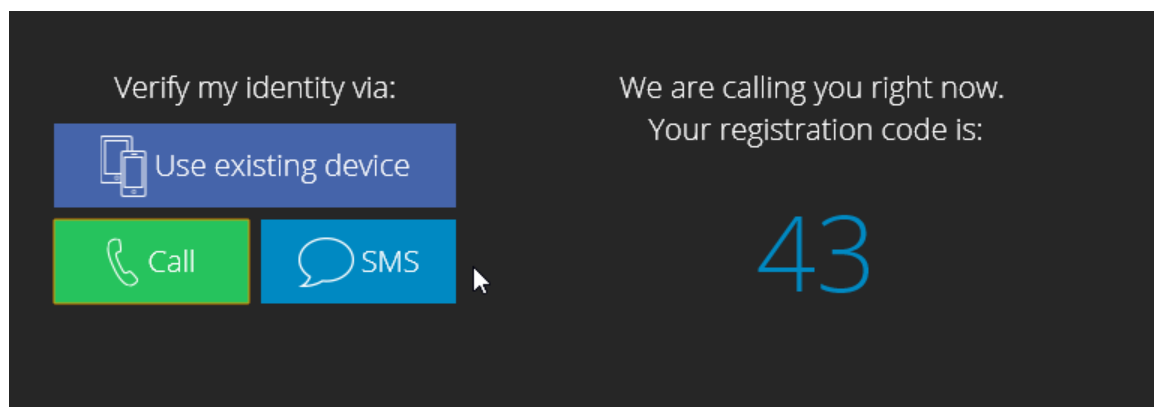
You can choose between 3 options on how to verify your user account.

Choose your preferred method to validate your device:

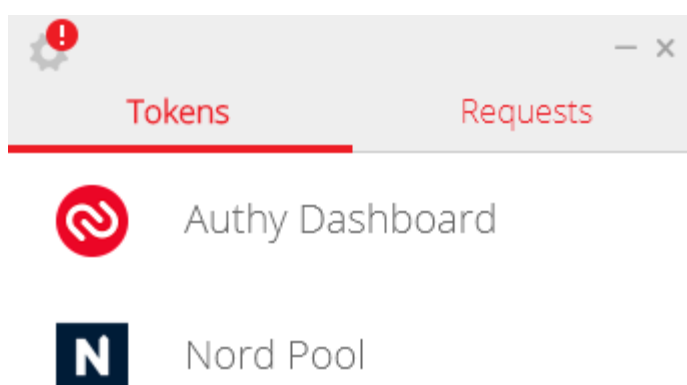
- If you choose **SMS** you will receive the SMS (**only to mobile phone**, not to users with landline registered numbers) with a link you can press or manually type in the Registration Code:



- If you choose to validate via **Phone call**, the app will display a 2-digit code that you will need to give back via the phone. You will receive the call after 30 seconds.



The App is now ready for use and will look like this:



To keep your desktop account safe, please go to settings and set a master password for your account:

Master password

No password

[Set](#)

You don't have a password yet. It's important to set one to keep your accounts safe on your desktop.

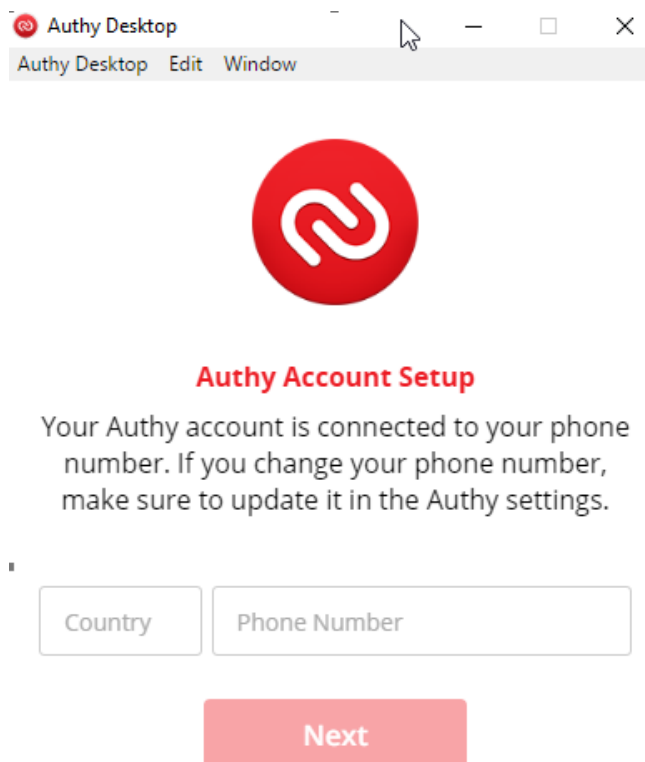
1.2.3. 2FA Desktop app

You can use the 2-Factor Authentication via the **Authy Desktop application**. To get started with the Desktop application go to: <https://authy.com/download/>

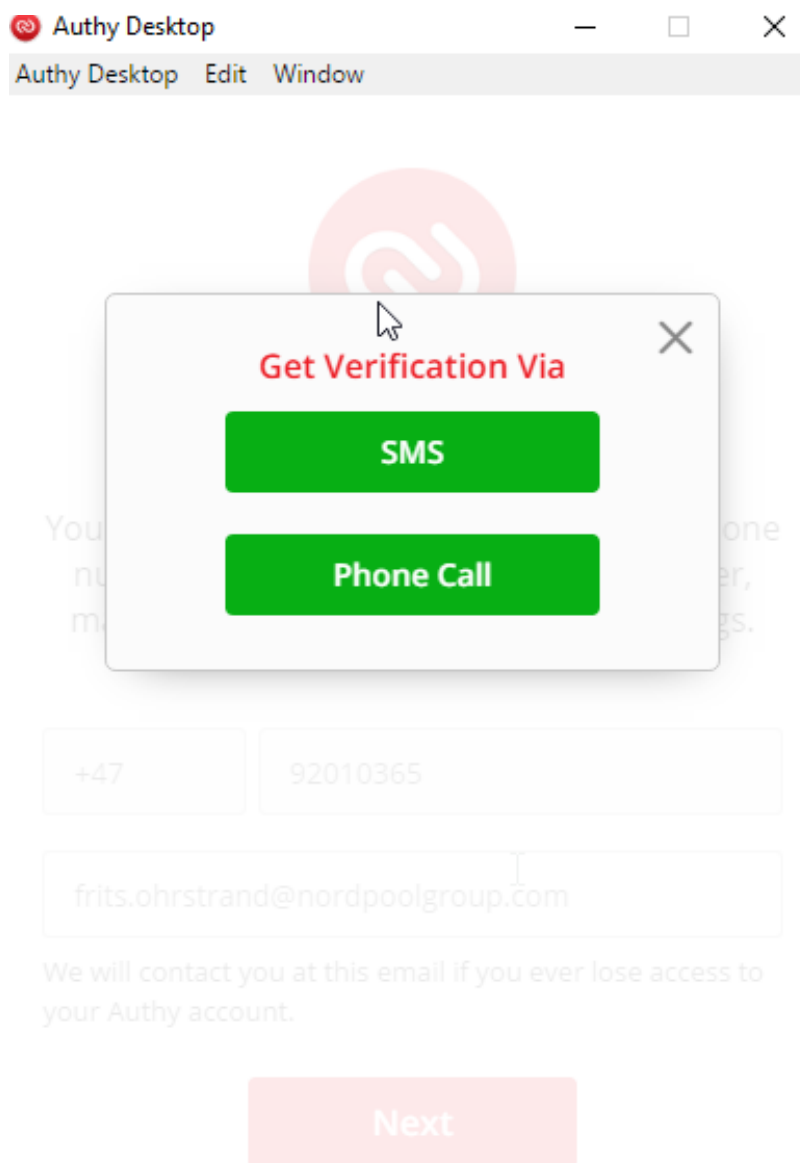


Choose the version required by your operation system, and click download.

When the program is download, start the install process and follow the instructions on the installer.



You are also required to add your email address on the next step:



Authy Desktop

Authy Desktop Edit Window

Get Verification Via

SMS

Phone Call

+47 92010365

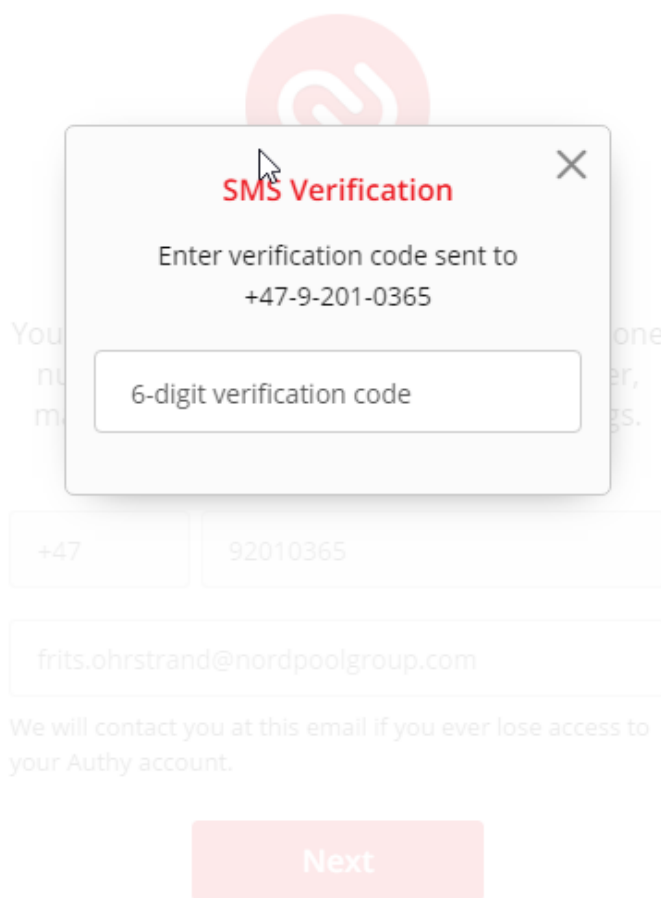
frits.ohrstrand@nordpoolgroup.com

We will contact you at this email if you ever lose access to your Authy account.

Next

Validate your account either by SMS (only to mobile phone, not to users with landline registered numbers) or Phone Call.

- **By SMS**

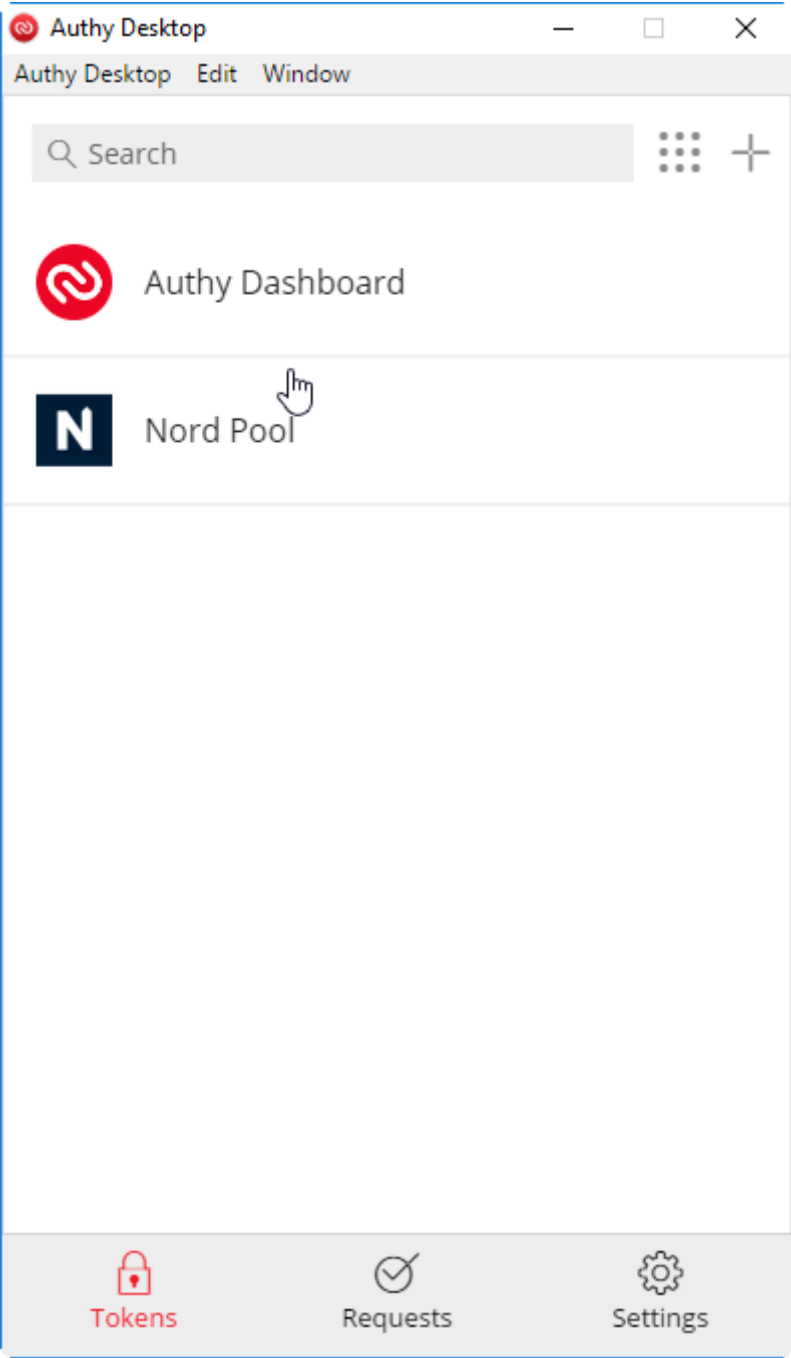


Enter the 6-digit code manually or click the link on the SMS to validate account.

- **By Phone Call**

A two-digit code will be displayed and you will be called within 30 seconds, enter the two-digit code to validate your account.

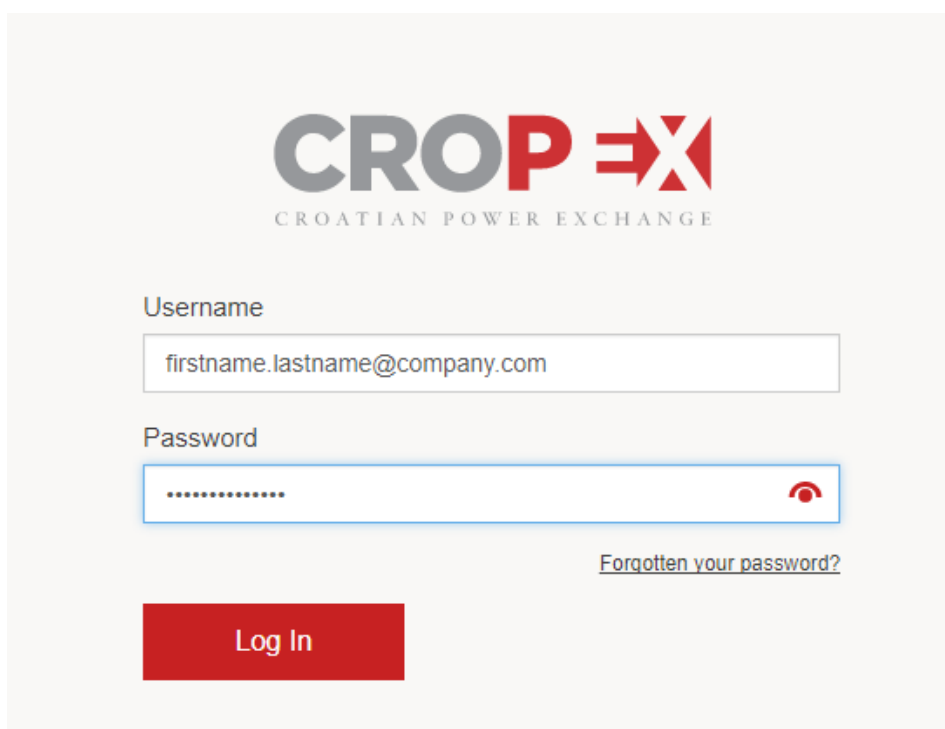
When your account is validated the application looks like this:



1.2.4. Using 2-Factor Authentication for login

Step 1: Username and password

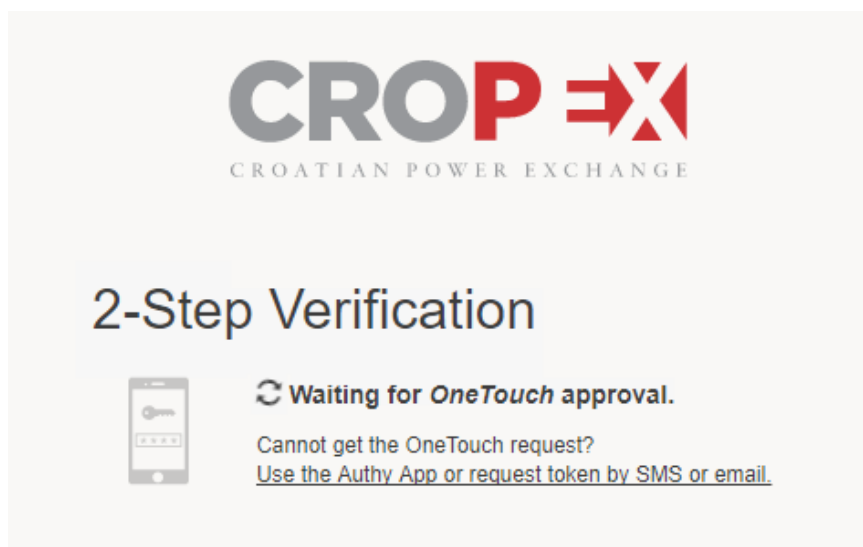
Enter your username and password for login as normal:

The image shows a login form for CROP (Croatian Power Exchange). At the top is the CROP logo, which consists of the word "CROP" in grey and "⇒ X" in red, with "CROATIAN POWER EXCHANGE" in small grey letters below it. Below the logo, there are two input fields. The first is labeled "Username" and contains the text "firstname.lastname@company.com". The second is labeled "Password" and contains a series of dots, with a red eye icon to its right. Below the password field is a link that says "Forgotten your password?". At the bottom of the form is a red button with the text "Log In" in white.

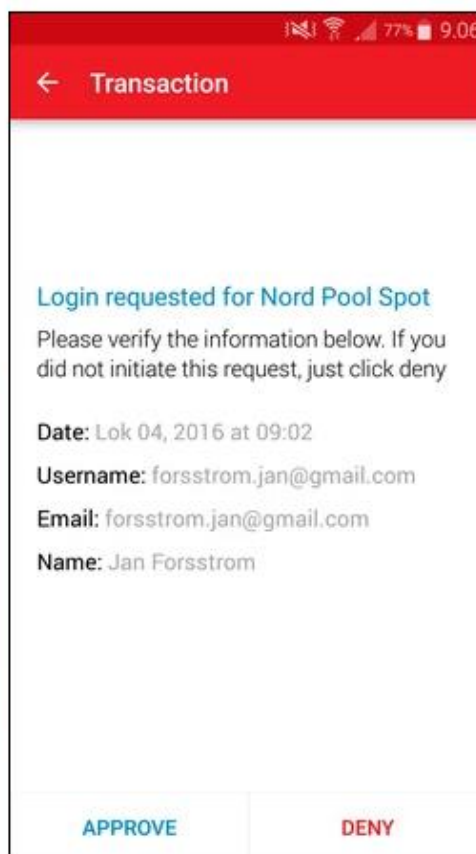
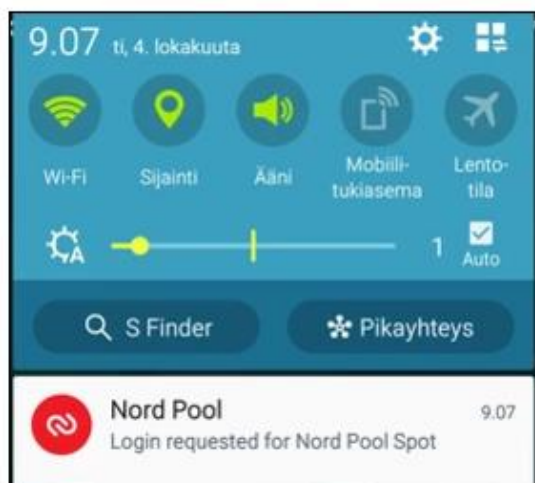
After you click on Log In, you will be re-directed to the next step in the process for 2-Factor Authentication

Step 2: 2-Factor Authentication

OneTouch approval can be used as the primary authentication method:



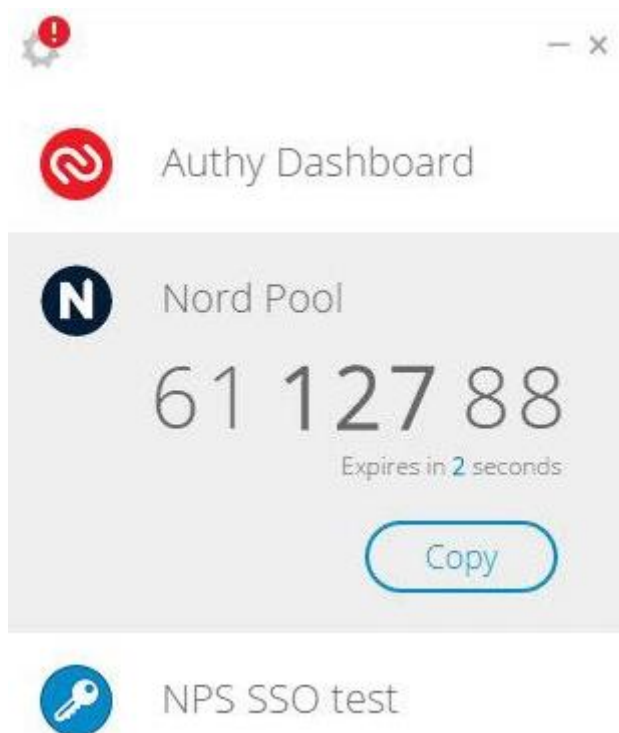
In the mobile phone (Android), the following views appear:



Alternative methods:

APP:

Authy App (either Mobile App, a Chrome App installed or Windows app installed on computer)



The user can type or copy-paste the token from the app (mobile or chrome) and click Verify on the web page. If the token was correct, the user is taken to the application she was trying to access.


One-Time Token delivered with SMS, Phone Call or email

If the user has no Authy App installed in any device or computer, cannot access them at the given time, or does not want to use them, she can always order a One-Time Token via the following delivery methods:

- SMS message (to the mobile number stored in CROPEX user database)
- Phone call (to the mobile number stored in CROPEX user database)
- Email (to the email stored in CROPEX user database)


CROATIAN POWER EXCHANGE

2-Step Verification



Please type your one-time code from the Authy application or SMS you received.

Cannot get the one-time code? ▾

Request code by SMS to +3859*****169

Request code by phone call to +3859*****169


Request code by email to mark*@*opex.hr

Verify


Code is required

SMS:

The user may request the Time-Based token to be delivered with an SMS by selecting this option from the dropdown list. The following screen is displayed, and the SMS contains the token to be used:

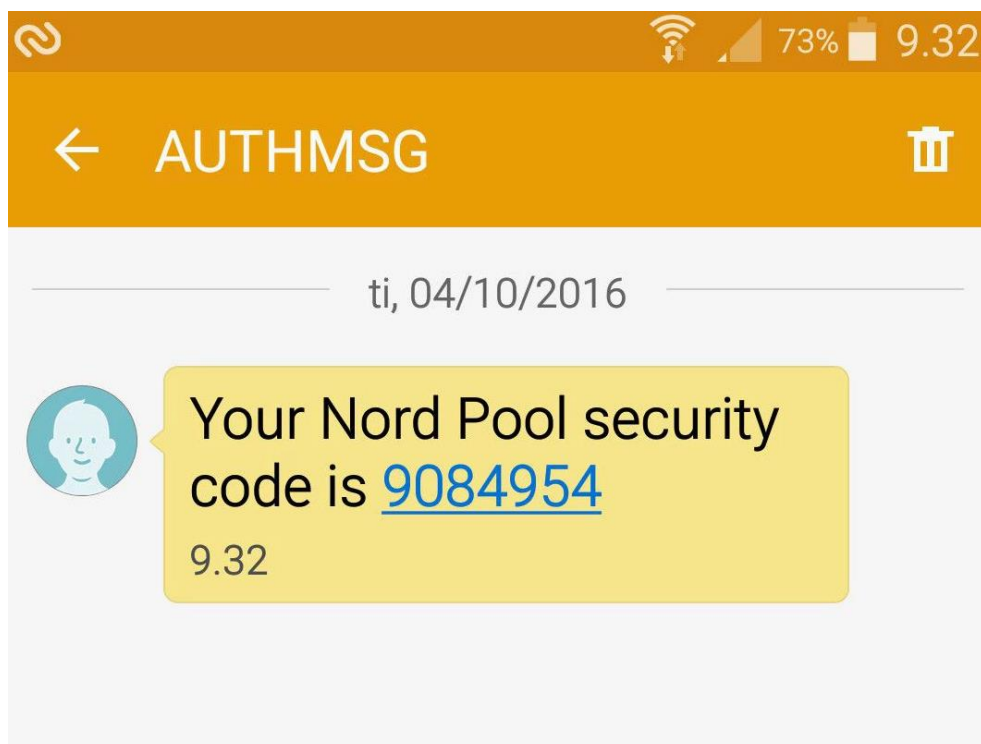

CROATIAN POWER EXCHANGE

2-Step Verification



A text message with your one-time code has been sent to +3859*****169

Verify



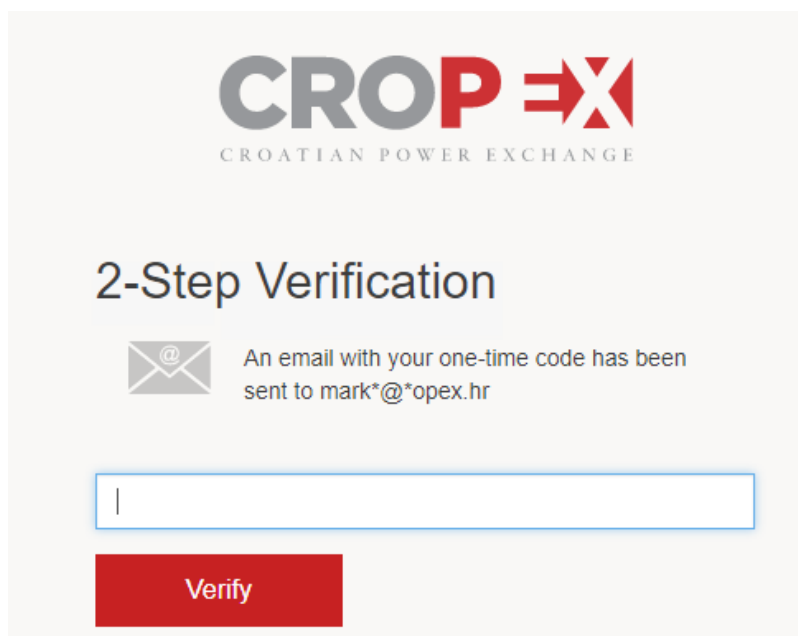
Phone Call:

An automated call is made to the mobile phone number of the user. The user is asked to press 1, if she was expecting this call from CROPEX. After that, the One-Time Token is read one number at a time, and the code is repeated after it is read the first time. The following screen is displayed, and the user can type the token while it is being read on the phone:

A screenshot of a mobile application interface for '2-Step Verification'. At the top is the CROP ⇒ X CROATIAN POWER EXCHANGE logo. Below the logo, the title '2-Step Verification' is displayed. Underneath the title is an icon of a smartphone with a speech bubble. To the right of the icon, the text reads: 'You should receive one-time code with a phone call to +3859*****169'. Below this text is a white input field with a blue border. At the bottom of the screen is a red button with the text 'Verify' in white.


Email:

An email is sent to the user, and the following screen is displayed:



CROP ⇒ X
CROATIAN POWER EXCHANGE

2-Step Verification

 An email with your one-time code has been sent to mark*@*opex.hr

Verify

1.3. How to Log out

To log out click the following icon on the top right of the screen:



CROP

Monday




MT

1.0.829-development

Workspace 1

11:14:12

TEST_dummy_user

TEST_portfolio2

HR

Power Hour, Cust...

Order Management

Product	Close	Bid Qty	Bid Price	Order Depth	Ask Price	Ask Qty	Trade History	High	Low	Last Price	Last Qty	Time	DAM	VWAP
PH-12	11:00 - 12:00													
PH-13	12:00 - 13:00													
PH-14	13:00 - 14:00													
PH-15	14:00 - 15:00													
PH-16	15:00 - 16:00													
PH-17	16:00 - 17:00													
PH-18	17:00 - 18:00													
PH-19	18:00 - 19:00													
PH-20	19:00 - 20:00													
PH-21	20:00 - 21:00													
PH-22	21:00 - 22:00													
PH-23	22:00 - 23:00													
PH-24	23:00 - 00:00													
20-22	18:00 - 22:00													

No Selection

Please select a product

My Orders

All States

All Products

All Areas

All Portfolios

All Users

Real time

#	State	Area	Product	Dir	Qty	Price	Type	Label
There are no orders matching the current criteria.								

Ticker - All

All Products

All Areas

All Dates

Product	Qty	Price	Buyer	Seller	App	When
There are no trades matching the current criteria.						

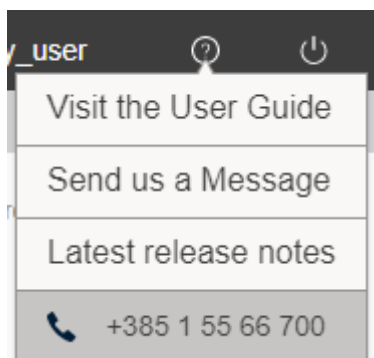


2. USER SUPPORT

For urgent enquiries please contact the 24/7 CROPEX Intraday desk:

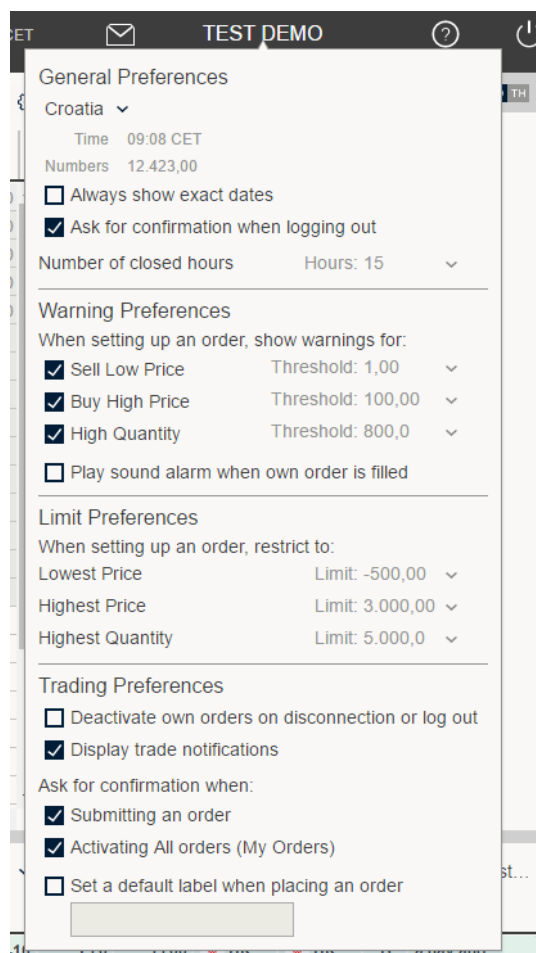
Telephone: **+385 1 55 66 700**

E-mail: support@cropex.hr



3. SETTINGS

The general preferences are available in the settings by clicking on your name at the top right hand side of the screen. A dropdown will appear with Four main categories consisting of Country Settings, Warning Preferences, Limit Preferences and on screen visual Trading Preferences.



3.1. General Preferences

Select the country in which you are based to automatically choose the local time and number denominators.

Always show exact dates: This ensures that a dated time stamp is visible in the Order book, Trade history and Trade ticker at all times, rather than the default rounded approximation e.g. a trade was transacted “1 day ago”.

Ask for confirmation when logging out: Selecting this icon will ensure that a pop-up confirmation will appear when logging out rather than the session ending immediately.

Number of Closed Hours: Select number of closed hours to be displayed in the Market Info View.

3.2. Warning Preferences

The warning preferences enable traders to set threshold limits to orders placed to the market. If orders exceed thresholds a warning sign and text is shown in the order management window. This is only a warning and will not prevent user from submitting order. The thresholds can be applied to high / low

prices as well as high quantity for any orders placed to the market. Set your own thresholds by clicking on the downward facing arrow and typing your preferred threshold limit.

3.3. Limit Preferences

Limit Preferences allows user to set a fixed min/max price and Max volume. This will prevent user from submitting orders outside of their limits. Set your own limits by clicking on the downward facing arrow and typing your preferred limit.

3.4. Trading Preferences

Deactivate own orders on disconnection or log out: Ensures that all active orders placed on the market are removed from the market information screen and placed as 'inactive' in the Order Book when connection is lost or the system has been logged out.

Submitting an order: Selecting this icon causes a confirmation pop-up window to appear each time an order is placed to the market.

Activating all orders: Selecting this icon causes a confirmation pop-up window to appear each time all orders (my orders) are activated in the Order Book.

Set a default label when placing an order: Create an automatic order label for each order sent to the market by typing the label into the area provided.

4. MARKET INFORMATION SCREEN

The market information screen provides most of the live data for the market and is where trading takes place. There are filters in place which enable you to choose between which instrument types and columns you would like displayed. Whenever changes are made to the filters the system will automatically save and remember your user preferences for the next time you log on.

CROP

Intraday

9:45:52 CET

TEST D

TEST_HR_DEMO_P1

HR

Power Hour, Cust...

Product	(CET/CEST)	Close	Bid	Price	Order Depth	Ask	Trade History	High	Low	Price	Last	Time	DAM	VWAP	Turnover	My Purchases	My Sales	My Net				
			Qty			Price	Qty				Qty					Qty	Price	Qty	Price	Qty	Position	
Thu, 22 Dec, 2	● PH-21	20:00 - 21:00					<div><div></div><div>15.0 MW 29.00 EUR</div></div>	29.00	29.00	29.00	10.0	10:21		29.00	10.0			10.0	29.00	-10.0	290.00	
	● PH-22	21:00 - 22:00					<div><div></div><div>15.0 MW 30.00 EUR</div></div>	30.00	30.00	30.00	10.0	10:21		30.00	10.0			10.0	30.00	-10.0	300.00	
	● PH-23	22:00 - 23:00					<div><div></div><div>15.0 MW 31.00 EUR</div></div>	31.00	31.00	31.00	10.0	10:21		31.00	10.0			10.0	31.00	-10.0	310.00	
	● PH-24	23:00 - 00:00					<div><div></div><div>15.0 MW 32.00 EUR</div></div>	32.00	32.00	32.00	10.0	10:21		32.00	10.0			10.0	32.00	-10.0	320.00	
01:00	DB	00:00 - 00:00																				
	● PH-01	00:00 - 01:00																				
	● PH-02	01:00 - 02:00																				
	● PH-03	02:00 - 03:00																				
	● PH-04	03:00 - 04:00																				
	● PH-05	04:00 - 05:00																				
	● PH-06	05:00 - 06:00																				
	● PH-07	06:00 - 07:00																				
	● PH-08	07:00 - 08:00																				
	DP	08:00 - 20:00																				
	● PH-09	08:00 - 09:00																				
05:00	● PH-10	09:00 - 10:00																				
	● PH-11	10:00 - 11:00																				
	● PH-12	11:00 - 12:00	10:30																			
	● PH-13	12:00 - 13:00	11:30																			
	● PH-14	13:00 - 14:00	12:30	5.0	40.00		<div><div></div><div>5.0 MW 40.00 EUR</div></div>	40.00	40.00	40.00	5.0	09:38		40.00	5.0	5.0	40.00			5.0	-200.00	
	● PH-15	14:00 - 15:00	13:30				<div><div></div><div>20.0 MW 33.00 EUR</div></div>	33.00	33.00	33.00	20.0	09:38		33.00	20.0			20.0	33.00	-20.0	660.00	
	● PH-16	15:00 - 16:00	14:30	50.0	50.00																	
	● PH-17	16:00 - 17:00	15:30																			
	● PH-18	17:00 - 18:00	16:30																			
	● PH-19	18:00 - 19:00	17:30																			
	19:00	● PH-20	19:00 - 20:00	18:30																		
● PH-21		20:00 - 21:00	19:30																			
● PH-22		21:00 - 22:00	20:30																			
● PH-23		22:00 - 23:00	21:30																			
● PH-24		23:00 - 00:00	22:30																			
15-15		14:00 - 15:00	13:30			33.00	22.0															
16-16		15:00 - 16:00	14:30			30.00	33.0	<div><div></div><div>50.0 MW 50.00 EUR</div></div>	40.00	40.00	40.00	50.0	09:41		40.00	50.0			50.0	40.00	-50.0	2,000.00

4.1. Column descriptions

Product

Product types for the respective market areas are displayed. Several product types are shown depending on whether these are selected, or not, in the filter. If Product Delivery Times have been selected in the Colum Group filter, time of the delivery for each product is displayed. The time is displayed in the time zone of the applicable area where the product has delivery.

Close

Gate closure time of each instrument. When 5 minutes left to closure, the applicable cell will turn yellow and count down with minutes. With one minute left, cell will turn red, and the countdown will start counting seconds.

Close Time - Time zone is based on country preferences.

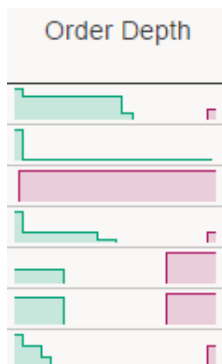
Bid/Ask

Bid and Ask columns will at all times show the best bid (buy) and ask (sell) price for the applicable instrument.

Order Depth

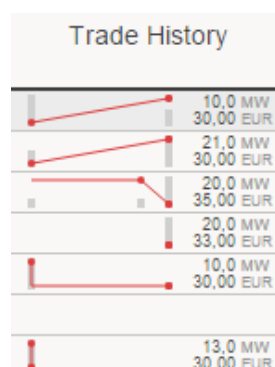
The Order Depth within the Market Information screen gives a graphical overview of orders placed on either Bid/Ask. The Y axis gives an approximation as to the quantity of an order relative to the other orders in the order depth. The X axis shows how far apart the Bid/Ask prices are from one another, relative to the other orders in the order depth. Green represents bid and red represent ask. By hovering

over the Order Depth graphic on any given product, a dropdown will appear displaying the Order Depth with up to ten orders.



Trade History

The trade history line graph provides a quick glance overview as to how a product has traded during the course of the day. Each point represents a trade that has taken place, whereas the light gray bar in the background represents the volume behind the trade. Additionally, the last MW and Price trade information is listed next to the graph.



High / Low

The highest and lowest traded price on a product during the trading session.

Last

Quantity and Price information together with the timestamp is given for the last trade. This information can also be found in "Trade History". You can choose if you would like to view this graphically, numerically, or both. Price change since previous trade is indicated with red and green arrows. Red if price has fallen and green if price has gone up.

Last		
Price	Qty	Time
30,00 ▲	10,0	10:01
30,00 ▲	21,0	09:58
35,00 ▼	20,0	09:51
33,00	20,0	09:38
30,00	10,0	09:53
30,00	13,0	09:56

DAM

Price of the corresponding hour in the Day Ahead Market.

VWAP

Volume Weighted Average Price for completed trades per instrument.

Turnover

Total turnover for an instrument in the applicable area.

In case of block orders column "Turnover" displays traded quantity of a block product.

For example: Baseload Product traded for 1 MW, shows Turnover of 1 MW, but total traded energy is 24 MWh

My Purchases

Qty: Total purchased quantity on the applicable instrument

Price: Volume Weighted Average Price of own Purchases on the applicable instrument

My Purchases is calculated on portfolio level

My Sales

Qty: Total sold quantity on the applicable instrument

Price: Volume Weighted Average Price of own sales on the applicable instrument

My Sales is calculated on portfolio level

My Net

Qty: Net quantity displayed as positive number if net purchase and as negative number if net sales.

Position: Net financial position on the applicable instrument, based on purchase and sales.

My Net is calculated on portfolio level


4.2. Expired Products

Scroll up on the Market Information Screen to view expired products. This will display all expired products from the sessions trading together, with all data that was on screen when the product was active.

TEST_HR_DEMO_P3		HR		Power Hour, Cust...													
Product	(CET/CEST)	Close	Bid Qty	Bid Price	Order Depth	Ask Price	Ask Qty	Trade History	High	Low	Price	Last Qty	Time	DAM	VWAP	Turnover	My Purch Qty
PH-08	07:00 - 08:00																
PH-09	08:00 - 09:00																
PH-10	09:00 - 10:00																
PH-11	10:00 - 11:00																
PH-12	11:00 - 12:00		20,0	29,00		35,00	32,0	10,0 MWh 30,00 EUR	30,00	28,00	30,00	10,0	10:01		28,67	30,0	30,0
PH-13	12:00 - 13:00		15,0	29,00		30,00	5,0	1,0 MWh 35,00 EUR	35,00	29,00	35,00	1,0	11:03		29,84	32,0	10,0
PH-14	13:00 - 14:00	12:30						20,0 MWh 35,00 EUR	40,00	35,00	35,00	25,0	11:02		35,91	55,0	
PH-15	14:00 - 15:00	13:30	20,0	35,00		43,00	32,0	10,0 MWh 33,00 EUR	33,00	33,00	33,00	20,0	09:38		33,00	20,0	
PH-16	15:00 - 16:00	14:30	20,0	20,00		25,00	40,0	10,0 MWh 30,00 EUR	50,00	30,00	30,00	10,0	09:53		43,33	90,0	
PH-17	16:00 - 17:00	15:30						20,0 MWh 30,00 EUR	30,00	30,00	30,00	25,0	11:09		30,00	25,0	
PH-18	17:00 - 18:00	16:30						5,0 MWh 30,00 EUR	35,00	30,00	30,00	25,0	11:10		31,98	63,0	
PH-19	18:00 - 19:00	17:30	5,0	25,00				5,0 MWh 25,00 EUR	25,00	25,00	25,00	5,0	10:31		25,00	5,0	5,0

4.5. Multi Order tool

This tool will not help you to enter orders. But once orders are entered, they will show in this window, and it is possible to modify them all at once and submit them all at once. Note that when modifying an order, this order will lose its priority in the order depth. Please note that "own order" appear with green frame.


Intraday

MT

1.0.829-development

Workspace 1 11

TEST_portfolio1

HR

Power Hour, Cust...

Product	(CET/CEST)	Close	Bid		Ask		Trade History	High	Low
			Qty	Price	Price	Qty			
PH-13	12:00 - 13:00								
PH-14	13:00 - 14:00								
PH-15	14:00 - 15:00	12:30							
PH-16	15:00 - 16:00	13:30	1.0	1.00					
PH-17	16:00 - 17:00	14:30							
PH-18	17:00 - 18:00	15:30							
PH-19	18:00 - 19:00	16:30	2.0	2.00					
PH-20	19:00 - 20:00	17:30							
PH-21	20:00 - 21:00	18:30							
PH-22	21:00 - 22:00	19:30							

Bid		Spread	Ask	
Qty	Price		Price	Qty
1.0	1.00			
2.0	2.00			

+0.1

+1.0

-1.0

-0.1

Clear

Submit Selected

Submit All

5. ORDER DEPTH

The Order Depth gives us oversight into the liquidity of a product by stacking the Bid / Ask market orders, so that the best priced Bid / Ask is at the top of the market and the worst priced is at the bottom. There are several ways in which the CROPEX Intraday Web platform allows members to view the Order Depth.

5.1. Order Depth within the Market Information window

- This appears by default between the Bid and Ask columns as a graphical tooltip. The green on the left hand side represents the Bid orders, whereas the red on the right hand side represents the Ask orders. Furthermore, the Y axis is an indicator of the volume quantity per order, while the X axis shows how far apart the Bid and Ask prices are from one another.
- Select a product and hover over the Order Depth chart to display the full Order Depth within the Market Information panel.
- Own orders within the Order Depth chart are highlighted with arrows at the corners of the cells.


16:00 Fri, 23 Dec 2	PH-12	11:00 - 12:00	10:30	20,0	29,00		35,00	32,0
	PH-13	12:00 - 13:00	11:30	1	Bid		Ask	
	PH-14	13:00 - 14:00	12:30		Qty	Price	Price	Qty
	PH-15	14:00 - 15:00	13:30	20	20,0	29,00	35,00	22,0
	PH-16	15:00 - 16:00	14:30	20	15,0	28,00	35,00	10,0
	PH-17	16:00 - 17:00	15:30	20	35,0	28,00		
	PH-18	17:00 - 18:00	16:30	10	22,0	20,00		

6. TRANSMISSION CAPACITIES

The Capacity window displays real time hub-to-hub transmission capacity between the areas selected in Market Info view and the areas selected in the Capacity drop down menu.

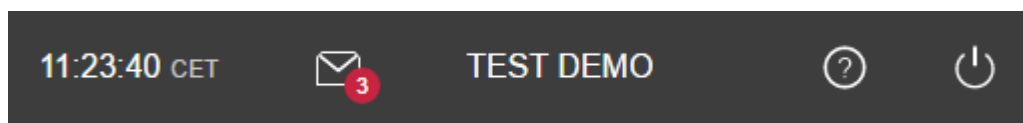
Choose which areas you want to view by selecting the filter at the top right hand corner of the Transmission Capacities window. Once selected you can modify the selection directly from the area already chosen.

Under each area you see hub-to-hub capacity for both directions. The left column display direction from main area to selected area, while the column to the right displays the opposite direction. This is illustrated with arrow.

Capacities							
50Hz, AT, ELES, ...							
 ELES		 MAVIR		 AT		 50Hz	
HR ↗	↘ HR	HR ↗	↘ HR	HR ↗	↘ HR	HR ↗	↘ HR
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,006.0	1,194.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,005.0	1,195.0	950.0	1,050.0	0.0	0.0
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,000.0	1,200.0	1,000.0	1,000.0	0.0	0.0
950.0	950.0	1,005.0	1,195.0	1,005.0	995.0	0.0	0.0

You may hide the Capacity window by clicking on the arrow on the left side bar. You may also drag the bar left or right to make the window larger or smaller.

7. NEWS UPDATES



The letter icon at the top right of the workspace gives an overview of your matched orders, as well as important market messages. A red dot with a number indicates how many new trade events has happened since you last made any actions in the trade client. Open messages by clicking on the letter icon. Select “Mark all as read” to remove the new message indicator (red dot).

11:24:16 CET		TEST DEMO	
11:03	Filled	#1337268 - PH-20161223-13	1,0MWh 35,00EUR
11:02	Filled	#1337232 - PH-20161223-14	25,0MWh 35,00EUR
10:31	Filled	#1337282 - PH-20161223-19	5,0MWh 25,00EUR
10:31	Filled	#1337285 - PH-20161223-19	5,0MWh 20,00EUR
10:01	Filled	#1337277 - PH-20161223-12	10,0MWh 30,00EUR
10:01	Filled	#1337276 - PH-20161223-12	10,0MWh 30,00EUR
10:00	Filled	#1337231 - PH-20161223-12	20,0MWh 28,00EUR
10:00	Filled	#1337272 - PH-20161223-12	20,0MWh 20,00EUR
09:58	Filled	#1337268 - PH-20161223-13	21,0MWh 35,00EUR
09:58	Filled	#1337235 - PH-20161223-13	21,0MWh 30,00EUR
09:56	Filled	#1337261 - PH-20161223-18	13,0MWh 29,00EUR
09:56	Filled	#1337261 - PH-20161223-18	25,0MWh 29,00EUR
09:56	Filled	#1337259 - PH-20161223-18	13,0MWh 30,00EUR
Mark all as read			

8. MY ORDERS / MY TRADES

The “My Orders” and “My Trades” window provides an overview of all orders and trades a member has placed or matched in the market. Filters displayed at the top of the window with downward pointing arrows allow members to easily navigate between the order or trade they are looking for.

8.1. Navigate between “My Orders” and “My Trades”

Select the data you like to view by choosing from the drop down menu in the left top corner in the window.

My Orders

My Trades

State

Area

Product

1337275

Open

HR

PH-2016

1337274

Open

HR

PH-2016

1337270

Open

HR

PH-2016

1337268

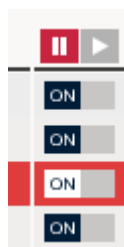
Part Filled

HR

PH-2016

8.2. My Orders window

“My Orders” window enables members to manage their current trading activity by de-activating or re-activating an order with the use of an On / Off button on the right hand side.



To modify an order altogether you click on the order and select “Edit” in the dropdown. This will display an order modification window where you can modify Quantity, Price, Expiry time and Label.

My Orders

All States

All Products

All Areas

All Portfolios

All Users

Last 2 Days

#	State	Area	Product	Dir	Qty	Price	Type	Label	When	Who	Portfolio	
1337275	Open	 HR	PH-20161223-12	Buy	20.0	29.00	Limit		13 minutes ago	TEST_HR_D...	TEST_HR_DEMO_P1	
1337274	Open	 HR	PH-20161223-12	Sell	10.0	35.00	Limit		13 minutes ago	TEST_HR_D...	TEST_HR_DEMO_P1	
1337270	Open	 HR	PH-20161223-12	Buy	22.0	20.00	Limit		a minute ago	TEST_HR_D...	TEST_HR_DEMO_P2	

#1337270 - PH-20161223-12 on TEST_HR_DEMO_P2

Buy

Sell

Limit

FoK

IoC

IBO

Quantity

22.0

MW

Price

20.0

EUR

Expiry

Never

Label

None

Update Order

TEST_HR_D...

TEST_HR_DEMO_P2

TEST_HR_D...

TEST_HR_DEMO_P2

TEST_HR_D...

TEST_HR_DEMO_P3

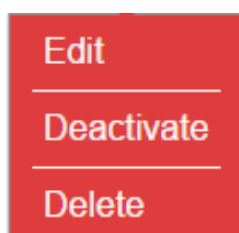
TEST_HR_D...

TEST_HR_DEMO_P2

TEST_HR_D...

TEST_HR_DEMO_P1

The drop down menu also allows you to Deactivate or delete an order. Deleting an order will completely remove the order from your Order Book.

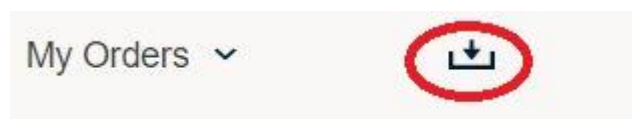


Overview of columns

#:	Unique order ID number
State:	State of the order listed in the "Order state table" table below
Area:	Country flag and Area code of the contract
Product:	Product name provides details of the type of product, its delivery date and period e.g. PH-20160116-15
Dir:	Direction of an order – whether it is a Buy or Sell
Qty:	Quantity of order in the market
R. Qty:	Remaining quantity of an Iceberg Order
Price:	Order price
Type:	Type of order – a standard order is referred to as "Limit"
Label	You can choose to add a label to the order when placing an order
When	When the order was placed
Who:	Last user submitting or modifying order
Portfolio:	Portfolio that the order was placed on







Order export

Export orders to a csv file can be done by pressing the icon.



Order history

This is possible to see the order history log. Click on the "+" icon on the left side of the panel and details appears below.


My Orders ▾				All States ▾		All Product	
#	State	Area	Product	Dir	Qty	Price	Type
	I40093	Open	 HR	PH-20180122-16	Buy	3.0	3.00 Limit
	I40092	Open	 HR	PH-20180122-16	Buy	2.0	2.00 Limit
	I40074	Open	 HR	PH-20180122-16	Buy	1.0	1.00 Limit
	I40075	Open	 HR	PH-20180122-19	Buy	2.0	2.00 Limit

8.3. My Trades window

My Trades display all trades made on portfolios accessible to user.

Trades can be filtered on multiple levels.

My Trades			All Products										All Areas	TEST_HR_DEMO_P1	All Users	Real time
Trade #	Order #	Area	Product	Dir	Qty	Price	Order Type	Trade State	Label	When	Who	Portfolio				
I60140	I682628	HR	PH-20180307-17	Buy	7,0	54,40	Limit	Completed		18 hours ago	TEST_HR_D...	TEST_HR_DEMO_P1				
I60139	I682624	HR	PH-20180307-16	Buy	5,0	53,00	Limit	Completed		18 hours ago	TEST_HR_D...	TEST_HR_DEMO_P1				
I60138	I682618	HR	PH-20180307-15	Buy	2,0	53,40	Limit	Completed		18 hours ago	TEST_HR_D...	TEST_HR_DEMO_P1				
I60137	I682612	HR	PH-20180307-14	Buy	7,0	55,70	Limit	Completed		18 hours ago	TEST_HR_D...	TEST_HR_DEMO_P1				

Export trades to CSV format by clicking on the  icon. This will export all filtered trades.

Overview of columns

Trade #:	Unique Trade ID number
Order #:	Unique Order ID number
Area:	Country flag and Area code of the contract
Product:	Product name provides details of the type of product, its delivery date and period e.g. PH-20150116-15
Dir:	Direction of a trade – whether it is a Buy or Sell
Qty:	Quantity of trade
Price:	Trade price
Type:	Type of order – a standard order is referred to as “Limit”
Order State:	State of the order listed in the “Order state table” table below
Label	You can choose to add a label to the order when placing an order
When	When the trade was matched
Who:	Trader who last modified order or matched order
Portfolio:	Portfolio that the order was placed on

8.4. Order State Table

State	Explanation
Open	An order which has not been matched or filled
Open remaining	An order where some of the original volume remains
Filled	An order where not all of the original volume has been matched
Matched	An order where the whole volume has been matched
Inactivated	An order which has been inactivated by the user
Cancelled	An order which has been cancelled by the user
Expired	An order which has expired due to gate closure
Validity Expired	An order where the user set validity time has expired
Trade Cancelled	An order which has been cancelled due to trade cancellation

My Trades/My trades historical functionality

In the window, My orders/My Trades, on the top right corner, you will see the below Icon:



This allow you to check your historical orders or trades. you can choose:

- any day in History
- Today
- Yesterday
- Last 2 Days
- Last 7 Days
- This Month
- Last Month

◀ December 2017 ▶

M	T	W	T	F	S	S
27	28	29	30	01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
01	02	03	04	05	06	07

Real time

Today

Yesterday

Last 2 Days

Last 7 Days

This Month

Last Month

9. TRADE TICKER

The trade ticker provides an overview of all trades transacted in the market, with the latest trade appearing by default at the top of the window. It is possible to filter by Product type, Market Area, when the trade took place, as well as whether to view only your own or the entire markets trading activity.



It is possible for our customer to see self-trading across portfolio. When such a trade is done, it is flagged in your ticker with a star (*)

Ticker - All ▾

All Products ▾

All Areas ▾

All Dates ▾

Product	Qty	Price	Buyer	Seller	Agg.	When ▾
PH-20180122-16	3.0	*3.00	 HR	 HR	S	a few seconds... ▴









- Hover over the “When” column to see the exact timestamp per trade
- The “Buyer” and “Seller” columns indicate in which direction the flow is going and from what market areas
- Agg. column show aggregator of the trade, where B indicates the buy was the aggressor, while S indicates that Seller was the aggressor.

Ticker - All

All Products

HR only

Today, Yest...

Product	Qty	Price	Buyer	Seller	Agg.	When
PH-20161223-18	25,0	30,00	 HR	 HR	S	6 minutes ago
PH-20161223-17	25,0	30,00	 HR	 HR	S	6 minutes ago
PH-20161223-24	25,0	30,00	 HR	 HR	S	11 minutes ago
PH-20161223-23	20,0	35,00	 HR	 HR	S	12 minutes ago



















- Filtering to “My orders” will show only your transacted trades
- These will be highlighted as green for Buy and red for Sell and will also have arrows on the corner of the cells

Ticker - All ▾

All Products ▾

HR only ▾

Today, Yest...

Product	Qty	Price	Buyer	Seller	Agg.	When
PH-20161223-12	10,0	30,00	 HR	 HR	B	20 minutes ago
PH-20161223-12	20,0	28,00	 HR	 HR	S	22 minutes ago
PH-20161223-13	21,0	30,00	 HR	 HR	B	23 minutes ago
PH-20161223-18	13,0	30,00	 HR	 HR	S	26 minutes ago
PH-20161223-18	25,0	35,00	 HR	 HR	S	26 minutes ago
PH-20161223-16	10,0	30,00	 HR	 HR	S	28 minutes ago
PH-20161223-16	10,0	30,00	 HR	 HR	S	29 minutes ago
PH-20161223-16	20,0	40,00	 HR	 HR	S	29 minutes ago
PH-20161223-16	50,0	50,00	 HR	 HR	S	29 minutes ago

Ticker historical functionality

In the window, Ticker, on the top right corner, you can select the following option:

today, yest...

All Dates

☒ today

☒ yesterday

Trade Cancellation







If trade cancellation occurs on Intraday market, the trade displayed in the ticker will be crossed out as information to all market participants.

Ticker - All

All Products

All Areas

today, yeste...

Product	Qty	Price	Buyer	Seller	Agg.	When
PH-20180122-21	400.0	400.00	 HR	 HR	S	2-minutes-ago
PH-20180122-22	25.0	*25.00	 HR	 HR	S	an hour ago
PH-20180122-16	3.0	*3.00	 HR	 HR	S	2 hours ago

10. PLACING AN ORDER

Placing an order onto the market is easy. There are a couple of ways to do this.

10.1. Enter a single order

To enter a single order simply double click on the product field which will immediately open the Order entry tool tip. Another way of doing this is by clicking once on the product field which will open a box asking whether you would like to “Place an Order”, “Match Bid” or “Match Ask”.

TEST_HR_DEMO_P3		HR	Power Hour, Cust...													
Product	(CET/CEST)	Close	Bid		Order Depth	Ask		Trade History	High	Low	Last		Time	DAM	VWAP	Turnover
			Qty	Price		Price	Qty				Price	Qty				
PH-08	07:00 - 08:00															
PH-09	08:00 - 09:00															
PH-10	09:00 - 10:00															
PH-11	10:00 - 11:00															
PH-12	11:00 - 12:00		20,0	29,00		35,00	32,0	10,0 MW 30,00 EUR	30,00	28,00	30,00	10,0	10:01		28,67	30,0
PH-13	12:00 - 13:00	11:30	1,0	35,00				21,0 MW 30,00 EUR	30,00	29,00	30,00	21,0	09:58		29,68	31,0
PH-14	13:00 - 14:00	12:30				35,00	25,0	20,0 MW 30,00 EUR	40,00	35,00	35,00	20,0	09:51		36,67	30,0
PH-15	14:00 - 15:00	13:30	20,0	35,00		45,00	56,0	20,0 MW 33,00 EUR	33,00	33,00	33,00	20,0	09:38		33,00	20,0
PH-16	15:00 - 16:00	14:30	20,0	20,00		25,00	40,0	10,0 MW 30,00 EUR	50,00	30,00	30,00	10,0	09:53		43,33	90,0
PH-17	16:00 - 17:00	15:30	20,0	22,00		25,00	22,0									
PH-18	17:00 - 18:00	16:30	10,0	33,00		50,00	20,0	13,0 MW 30,00 EUR	35,00	30,00	30,00	13,0	09:56		33,29	38,0
PH-20161223-24	on TEST_HR_DEMO_P3											5,00	10:31		25,00	5,0
PH-24	23:00 - 00:00	22:30														
PH-15	14:00 - 15:00	13:30				33,00	22,0									
PH-16	15:00 - 16:00	14:30				30,00	33,0	50,0 MW 40,00 EUR	40,00	40,00	40,00	50,0	09:41		40,00	50,0

10.2. Order entry tool tip

PH-20161223-24 on TEST_HR_DEMO_P3

Buy
 Sell
 Limit
 FoK
 IoC
 IBO
 Quantity: 20 MW
 Price: 35 EUR
 Expiry: 22:30 Tomorrow
 Label: test
 Place Buy

PH-20161223-24 on TEST_HR_DEMO_P3

Buy
 Sell
 Limit
 FoK
 IoC
 IBO
 Quantity: 20 MW
 Price: 35 EUR
 Expiry: 22:30 Tomorrow
 Label: test
 Place Sell

- Select whether you would like to place a Buy or Sell order using the switch on the left. Note that if you open the tool tip by clicking on the Bid side of the Market Information window, “Buy” will automatically be pre-selected. Conversely if the tool tip is opened on the Ask side of the Market Information window, “Ask” will automatically be pre-selected.
 - Select the order type
 - Enter the order Quantity and Price
 - Add an expiry time to the order. This will change the order state to “Expired” once past the expiry time. Once expired it is not possible to modify or re-activate the order.
 - Label: This is not mandatory but a name can be given to the order which will be visible in “My Orders”
 - Place either Buy or Sell order depending on the selection.

10.3. Identifying own orders

An order placed by you in the market will appear in bold and with coloured edges around the order cell if you have the best price in the market. Green is for Buy orders and red is for Sell orders.

1,0	35,00			
			35,00	25,0

If your order is not best price, the coloured edges will fade and the order at the top of the market will not appear in bold apart from the price.

43,00	32,0
-------	------

11. ORDER TYPES

- **Limit Order**

An order that can be matched either in part or its entirety. If a limit order is not fully matched it will remain active in the market until the product the order is placed on goes into expiry.

- **Fill or Kill (FoK)**

An execution constraint for a limit order. A FoK constraint means that the entire volume of the order will either be matched immediately upon submission to the market or cancelled instantly.

- **Immediate or Cancel (IoC)**

An execution constraint for a limit order. An IoC constraint means that as much as possible of the order will be matched immediately upon submission to the market and the remaining volume will be cancelled instantly.

- **Iceberg Order**

The total order volume is split up into smaller orders known as “Clips” with only a single clip at a time is visible on the Market Information window. Your total Iceberg volume will be visible in the “My Orders” window, however the rest of the market will only be able to see a single clip on screen, without knowing it is an Iceberg order. Once the first clip is matched, the next clip receives a new order number and timestamp. When initially entering the Iceberg order it is possible to add increments to the price of i.e. +/- 1 EUR for each new clip that appears on the Market Information window. The minimum Clip Size is set to 25 MW.

- Select product on Market Information screen

- Click on “Place Order” which will open the Order entry tool tip

- In Order type select “IBO”

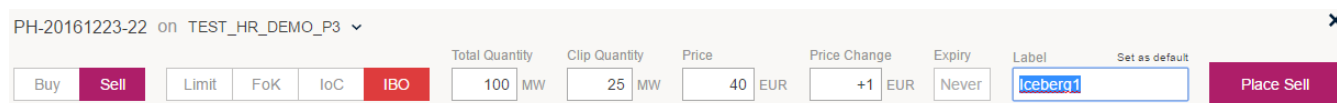
- Enter the total Iceberg quantity e.g. 100 MW

- Enter the clip quantity (minimum 25 MW)

- Choose whether to add a price change per clip that is hit e.g. +1 EUR

- Click “Place Sell” / “Place Buy”

Order management window:



PH-20161223-22 on TEST_HR_DEMO_P3

Buy **Sell** Limit FoK IoC **IBO** Total Quantity 100 MW Clip Quantity 25 MW Price 40 EUR Price Change +1 EUR Expiry Never Label Iceberg1 Set as default Place Sell

This will appear in the My Orders window:


My Orders										All States		All Products		All Areas		All Portfolios		All Users		Last 2 Days	
#	State	Area	Product	Dir	Qty	R. Qty	Price	Type	Label	When	Who	Portfolio									
1337287	Open	HR	PH-20161223-22	Sell	25.0	100.0	40.00	Iceberg	Iceberg1	2 minutes ago	TEST HR D...	TEST HR DEMO P3	ON								

The active Iceberg order will be visible to the owner as “IBO”:

40,00	IBO	25,0
-------	-----	------

- Block Order (User defined)**

Create a block order by holding Shift Key and selecting the hours you like to include in your block order. A drop down will show the block you have selected. Click “Place Block Order” to open the Order Management window.

TEST_HR_DEMO_P3 ▾		 HR						
	Product	(CET/CEST)	Close	Bid		Order Depth	Ask	
				Qty	Price		Price	Qty
Fri, 23 Dec 2016 16:00	PH-11	10:00 - 11:00						
	PH-12	11:00 - 12:00		20,0	29,00		35,00	32,0
	PH-13	12:00 - 13:00	11:30	1,0	35,00			
	PH-14	13:00 - 14:00	12:30				35,00	25,0
	PH-15	14:00 - 15:00	13:30	20,0	35,00		45,00	56,0
	PH-16	15:00 - 16:00	14:30	20,0	20,00		25,00	40,0
	PH-17	16:00 - 17:00	15:30	20,0	22,00		25,00	22,0
	PH-18	17:00 - 18:00	16:30	10,0	33,00		50,00	20,0
	PH-19	18:00 - 19:00	17:30	5,0	25,00			
	PH-20	19:00 - 20:00	18:30	32,0	45,00			
20:00	PH-21	20:00 - 21:00	19:30				35,00	25,0
	PH-22	21:00 - 22:00	20:30				40,00	IBO 25,0
	PH-23	22:00 - 23:00	21:30					

Place Block Order
(PH-14 to PH-19)

Select either Buy or Sell and insert quantity and price before you Place the Block Order.

PH-14	13:00 - 14:00	12:30				35,00	25,0	20,0 MW 35,00 EUR
PH-15	14:00 - 15:00	13:30	20,0	35,00		45,00	56,0	20,0 MW 33,00 EUR
PH-16	15:00 - 16:00	14:30	20,0	20,00		25,00	40,0	10,0 MW 30,00 EUR
PH-17	16:00 - 17:00	15:30	20,0	22,00		25,00	22,0	
PH-18	17:00 - 18:00	16:30	10,0	33,00		50,00	20,0	13,0 MW 30,00 EUR
PH-19	18:00 - 19:00	17:30	5,0	25,00				5,0 MW 25,00 EUR

PH-14 to PH-19 on TEST_HR_DEMO_P3 ▾

Buy

Sell

Block

Quantity
MW

Price
EUR

Expiry

Never

Label

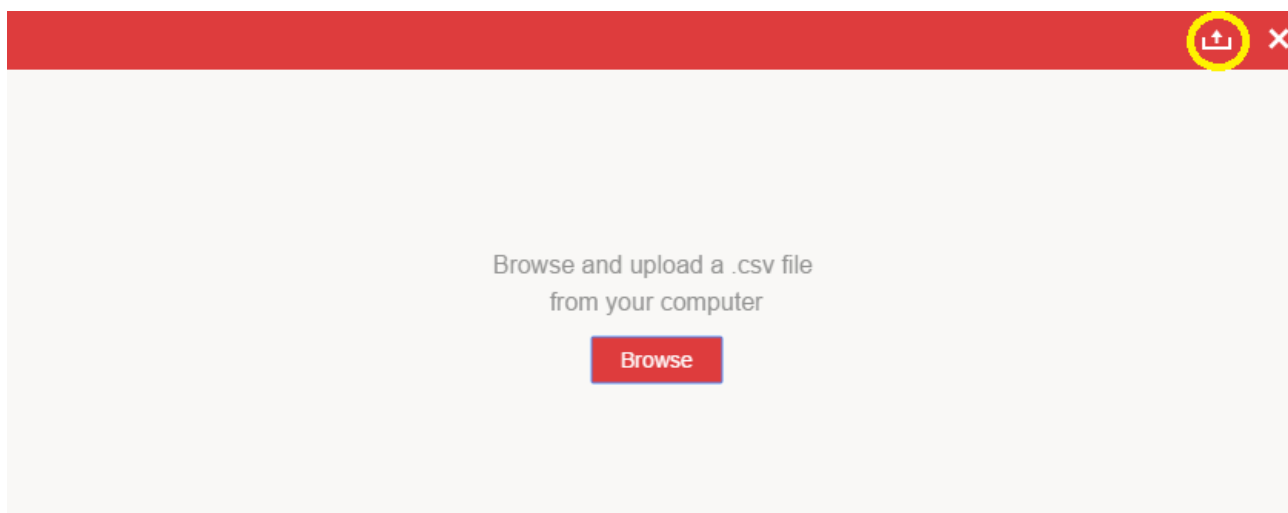
None

Place Buy

12. EXCEL MULTI ORDER ENTRY


Multiple orders can be imported all at once to the Market Information window using an order entry template which is exported directly from the Trading Client.

- Select the following icon on the top right of the Market Information window which will open a multi order entry pop-up








- In the pop-up window select “Download Excel Template”
- Follow the instructions provided on the Order entry template and fill out the order information in the columns shown below
- Save as a CSV file in your documents

Area	Portfolio	Product	Direction	Quantity	Price	Type	Label
TEST1	Test_Portfolio	PH-20150804-99	Buy	13	22	Limit	Example buy limit order, please remove
HR	Test_Portfolio	PH-20150804-15	Buy	10	25	Limit	Hour test order
HR	Test_Portfolio	PH-20150804-22	Sell	25	38	Limit	Iceberg order
HR	Test_Portfolio	PH-20150804-02	Buy	20	33	Limit	Hour test order
HR	Test_Portfolio	PH-20150804-03	Sell	22	22	Limit	Buy limit order

- Import the orders by opening the multi order pop-up once more in the Market Information window by selecting the following icon 
- Select “Browse orders” and choose the file recently saved
- Import orders to excel

12.1. Import inactive orders

To import orders in an ‘inactive’ state, follow the steps above and click on the “off” switch before selecting “place orders”.

Area	Portfolio	Product	Dir	Qty	Price	Type	Label	<div><div></div><div></div></div>
 HR	TEST_HR_DEMO_P1	PH-20161223-22	Buy	13,0	22,00	Limit	Example buy limit order, please ...	<div><div>ON</div><div></div></div>
 HR	TEST_HR_DEMO_P1	PH-20161223-23	Buy	10,0	25,00	Limit	Hour test order	<div><div>ON</div><div></div></div>
 HR	TEST_HR_DEMO_P2	PH-20161223-14	Sell	25,0	38,00	Limit	Iceberg order	<div><div>ON</div><div></div></div>
 HR	TEST_HR_DEMO_P3	PH-20161223-13	Buy	20,0	33,00	Limit	Hour test order	<div><div>ON</div><div></div></div>
 HR	TEST_HR_DEMO_P2	PH-20161223-15	Sell	22,0	22,00	Limit	Buy limit order	<div><div>ON</div><div></div></div>











Place Orders

13. MATCHING ORDERS

To hit an order that is already active in the market, either double click on the order in the Market Information window or Order Depth, or click once on the order to open a message which will ask you to “Match Bid” or “Match Ask”.

- An Order entry window will appear on screen with the pre-filled order requirements
- To match the entire volume, select “Place Sell / Buy”
- To match part of the volume, amend the quantity and select “Place Sell / Buy”

Select the instrument on screen to match either Bid or Ask:

<input type="radio"/>	PH-13	12:00 - 13:00	11:30	15,0	29,00			30,00	5,0
<input type="radio"/>	PH-14	13:00 - 14:00	12:30						
<input checked="" type="radio"/>	PH-15	14:00 - 15:00	13:30	20,0	35,00			43,00	32,0
<input type="radio"/>			14:30	20,0	20,00			25,00	40,0
<input type="radio"/>			15:30						
<input type="radio"/>			16:30						
<input type="radio"/>			17:30	5,0	25,00				
<input type="radio"/>			18:30	32,0	45,00				
<input type="radio"/>			19:30					35,00	25,0
<input type="radio"/>	PH-22	21:00 - 22:00	20:30					40,00	IBO 25,0

Place Order

Place Block Order

Match Bid




Match Ask

Confirm order details in Order entry window and place order:

PH-20161223-15 on TEST_HR_DEMO_P1 ×

Buy	Sell	Limit	FoK	IoC	IBO	Quantity	Price	Expiry	Label	Place Sell
						20,0 MW	35,0 EUR	Never	None	

Match multiple order from the Order Depth by clicking the order at the level you want to fill.

HR PH-13						
Bid			Ask			
Where	Qty	Price	Price	Qty	Where	
 HR	15,0	29,00	30,00	5,0	 HR	
			34,00	24,0	 HR	


Edit





Deactivate

Delete

Match Bids

This will pre-populate the order management window with the price and amount that is needed to fill all the orders.

 HR PH-15
 OD TH
⌵
×

Bid			Ask		
Where	Qty	Price	Price	Qty	Where
 HR	20,0	35,00	43,00	32,0	 HR
 HR	28,0	33,00	45,00	56,0	 HR

×

Quantity
 MW

Price
 EUR

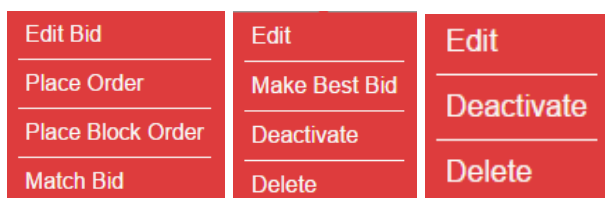
Expiry

Label

Place Sell

14. MODIFY AN ORDER

Edit own order option can be activated from any place in the trading client where your order is displayed. That is the My order window, Market Info Window and Order Depth window. Clicking on your order will activate a dropdown menu where you can select “Edit order”. Different options are displayed depending on where you click, but all allows you to Edit order.



- Click on Edit
- Amend order details in Order entry window
- Click on “Update Order”

#1337282 - PH-20161223-19 on TEST_HR_DEMO_P3 ✕

Quantity: 5,0 MW
 Price: 33,0 EUR
 Expiry: Never
 Label: None

14.1. Deactivate / Activate an order

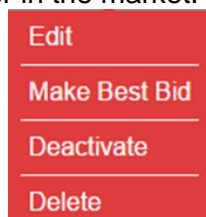
There are On / Off switches within the My Orders window which allow the trader to de-activate the orders from the market or activate an inactive order to the market. De-activating an order will not permanently delete the order; it will remain in My Orders as an inactive.

To delete an order permanently select the order in My Orders and click “Delete”.

My Orders ⌵										All States ⌵ All Products ⌵ All Areas ⌵ All Portfolios ⌵ All Users ⌵ Last 2 Days ⌵			
#	State	Area	Product	Dir	Qty	R. Qty	Price	Type	Label	When	Who	Portfolio	
1337265	Deactivated	HR	PH-20161223-18	Sell	20,0		50,00	Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337264	Deactivated	HR	PH-20161223-18	Buy	10,0		32,00	Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P1	
1337259	Deactivated	HR	PH-20161223-18	Buy	12,0		30,00	Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337258	Open	HR	PH-20161223-16	Buy	20,0		20,00	Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337256	Part Filled	HR	PH-20161223-16	Sell	40,0			Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P3	
1337248	Open	HR	PH-20161223-15	Buy	28,0			Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337247	Deactivated	HR	PH-20161223-17	Sell	22,0			Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337246	Deactivated	HR	PH-20161223-17	Buy	20,0			Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P2	
1337240	Open	HR	PH-20161223-15	Buy	20,0			Limit		2 hours ago	TEST_HR_D...	TEST_HR_DEMO_P3	

14.2. Make best Bid/Ask action

Clicking on your order in either Order Depth or in the Market Info Window will give you the option to make your order (Bid or Ask) the best order in the market.



Click in the Bid or Ask column for the order you want to amend. An action will pop up in the Action Menu, giving you the option to “Make best Bid” or “Make best Ask” depending on what column you clicked and whether you have an order in the order depth that is not best already. If you have multiple orders in an order depth your best order is automatically selected. Once you click on the action, your order is *automatically* updated, giving it the best price +0.1 or -0.1 depending on order direction.

15. TRADE HISTORY WINDOW





















In the same window as Order Depth you can view Trade History for the selected instrument. Simply click on the “OD/TH” switch to switch between Order Depth and Trade History. Trade History gives you all trades executed on the selected instrument. The Graph shows price movement (line) and volume (bars) traded where the latest trade is displayed to the right.

It is possible to view trade history for both active and closed instruments.



16. KEYBOARD SHORTCUTS

Navigate and enter new orders using your keyboard:

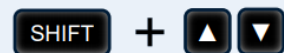
Navigate between contract rows in market view	 
Open/close Order Management window	Open:  Close: 
Switch between cells in Order Management window	 (Hold shift to move left)
Create Ask (Sell) order to match best Bid in market	 or  or  + 
Create Ask (Sell) order at €0,1 below best market Ask price	 +  or  + 
Create Bid order to match best Ask in market	 or  + 
Create Bid order at €0,1 above best market Bid price	 +  or  + 

Adjust order price when editing or submitting new order:

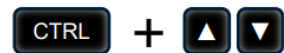
EUR 0,01



EUR 0,10



EUR 1,00



Adjust order volume when editing or submitting new order:

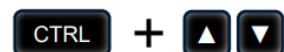
MW 0,1



MW 1,0



MW 10,0



Change order type when placing order:

Limit



FoK



IoC



IBO

