
Swissquote SQORE MT4 Advisor User Guide Version 1.01.1

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1 Introduction

1.1 Description

Swissquote SQORE is a revolutionary free trade idea generator packed with innovative features, aimed at traders looking to raise their game. It gives all traders access to advanced investment algorithms which were previously only available to institutions, while remaining simple and transparent.

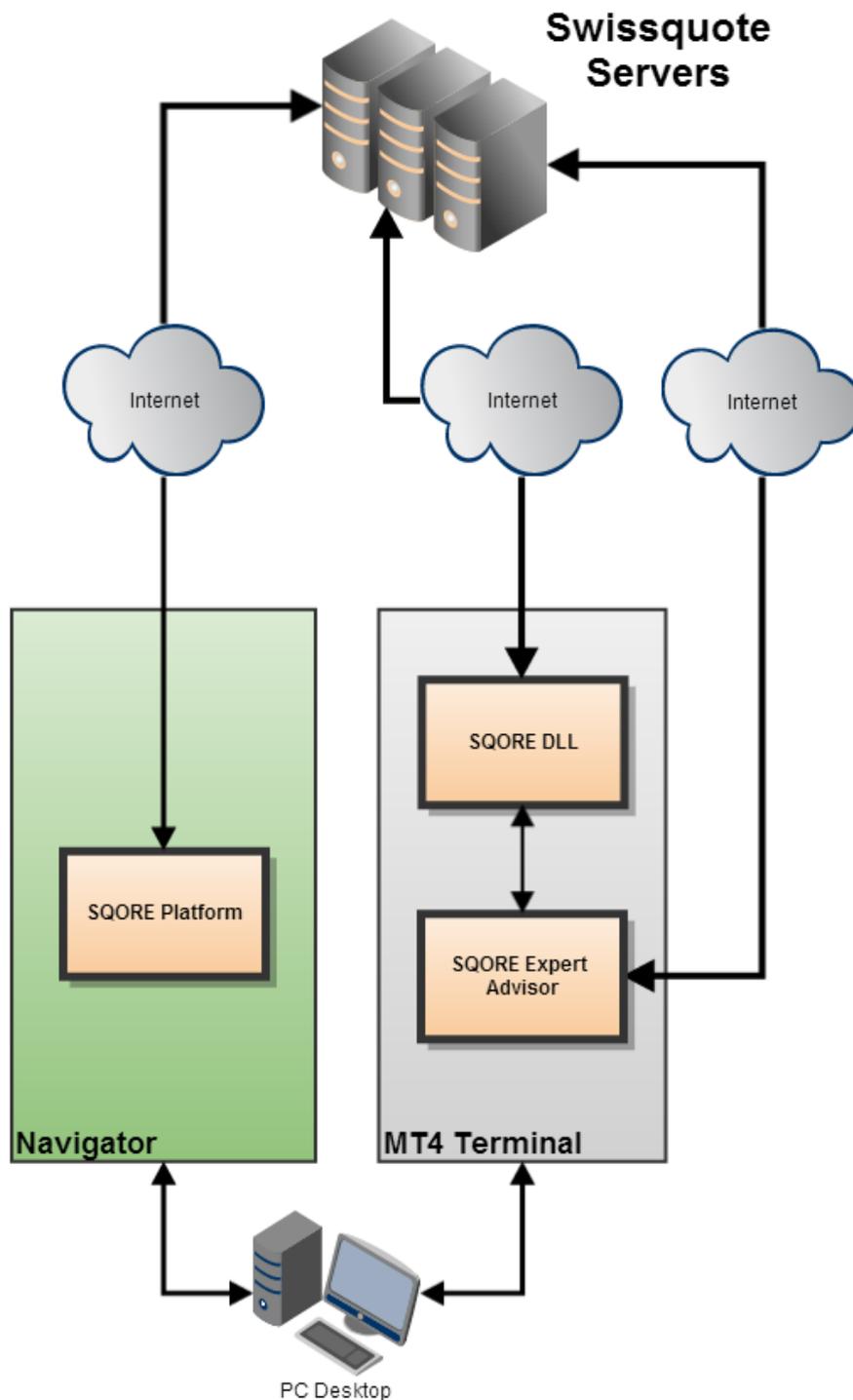
Trade ideas are generated automatically based on advanced quantitative models, designed and back-tested by world-class quantitative analysts. As such, Swissquote SQORE offers an unbiased alternative to anonymous recommendations on social trading networks.

Swissquote SQORE MT4 Advisor allows you to directly execute the trade ideas provided by Swissquote SQORE on your Swissquote MT4 account. With a simple click on your Swissquote SQORE platform, your order is automatically transferred to your MT4 terminal.

1.2 Key advantages

- Institutional-quality trade ideas generated from sophisticated quantitative strategies
- Trading models cover G10 & EM currencies, commodities and equity indices
- Customize your portfolio to monitor potential returns and key statistics
- The high level of transparency allows you to make educated decisions on recommendations
- Swissquote SQORE usage is absolutely free of charge
- User-friendly visualization of your orders
- One-click trading

2 Architecture



You can send a trade order from your Swissquote SQORE platform, in your browser. This order is activated on our servers and is received by the SQORE DLL. The SQORE Expert Advisor is thus prompted to generate a trade order sent to our MT4 servers.

2.1 Components

SQORE Expert Advisor:

This Expert Advisor (EA) is used to automatically generate MT4 trading orders received from Swissquote SQORE.

SQORE DLL for MT4

The SQORE DLL lets Swissquote SQORE communicate with the SQORE EA. It also allows to link your Swissquote SQORE account and view the SQORE order history since the last connection.

3 Installation of SQORE MT4 Advisor

3.1 Requirements

Operating system: *minimum Windows XP SP3 with .NET Framework 4 (or more recent) installed.*

Processor: *2.0 GHz or faster CPU*

RAM: *1 GB*

Software: *MT4 Terminal from MetaQuotes version 7xx or higher*

3.2 Installation procedure

3.2.1 Install the MT4 Terminal

If you have already installed MT4, you may skip this step. Otherwise, you can find the latest version here: <http://en.swissquote.com/fx/forex-account-login>

Just click on the DOWNLOAD button for MetaTrader 4, then run the downloaded file (swissquote4setup.exe) and follow the instructions on screen.



3.2.2 Run the MT4 Terminal

NOTE: If you do not run the MT4 Terminal before installing SQORE MT4 Advisor, the installation might be unsuccessful.

The MT4 instance for which you would like to install SQORE MT4 Advisor should be started at least once before the installation.

This is because, since version 600, MT4 Terminal runs checks on startup, recompiles certain E.A. or scripts and may even create a new directory to store data. Moreover, if you are running an outdated version, it may not be compatible with our servers. In that case, it should be updated automatically on startup (the terminal window might disappear for a short while).

For all the reasons stated above, please allow a few minutes before continuing with the installation process.

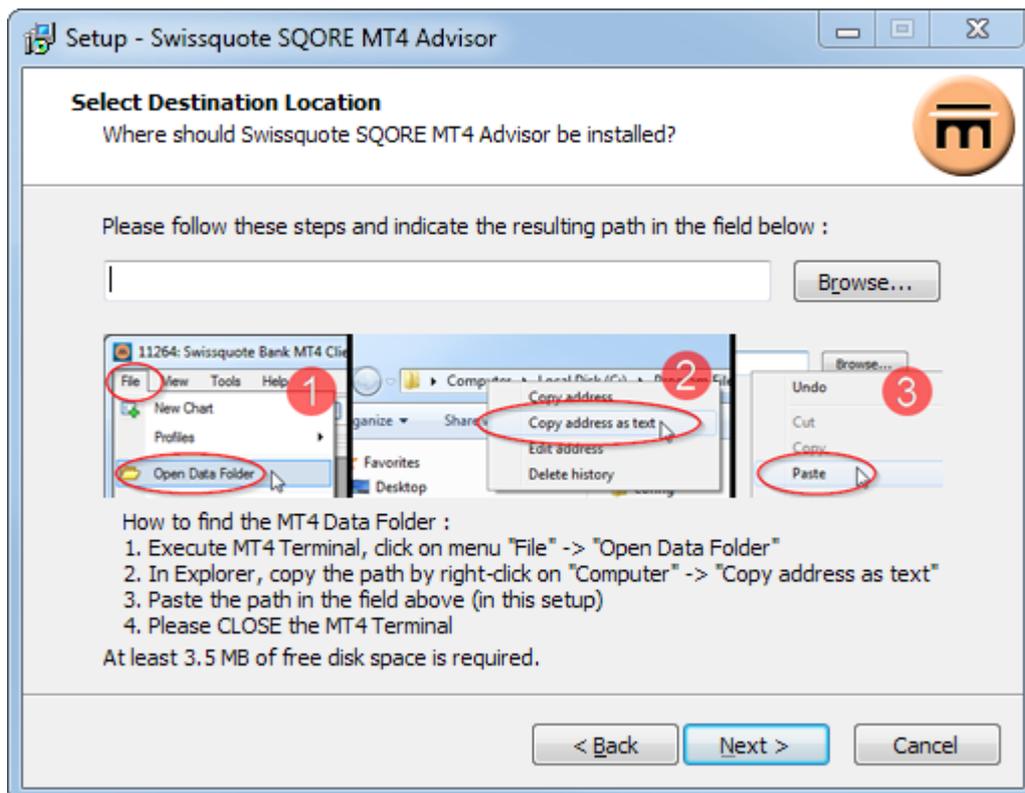
3.2.3 Install SQORE MT4 Advisor

Run the installer file called "SQORE_MT4_Advisor_setup_XXX.exe".

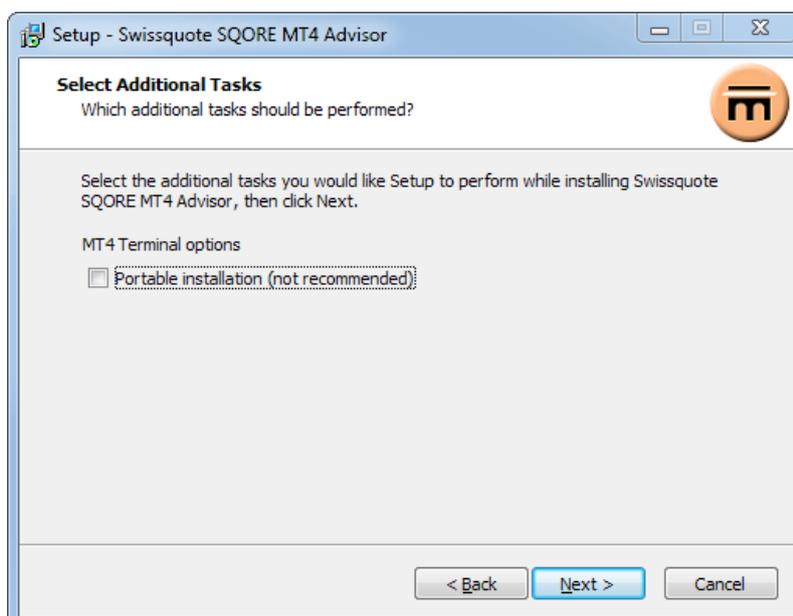
After a potential "User Account Control" notification (if UAC is enabled in your version of Windows), the following window will appear:



Click on the **Next** button to display the next steps.

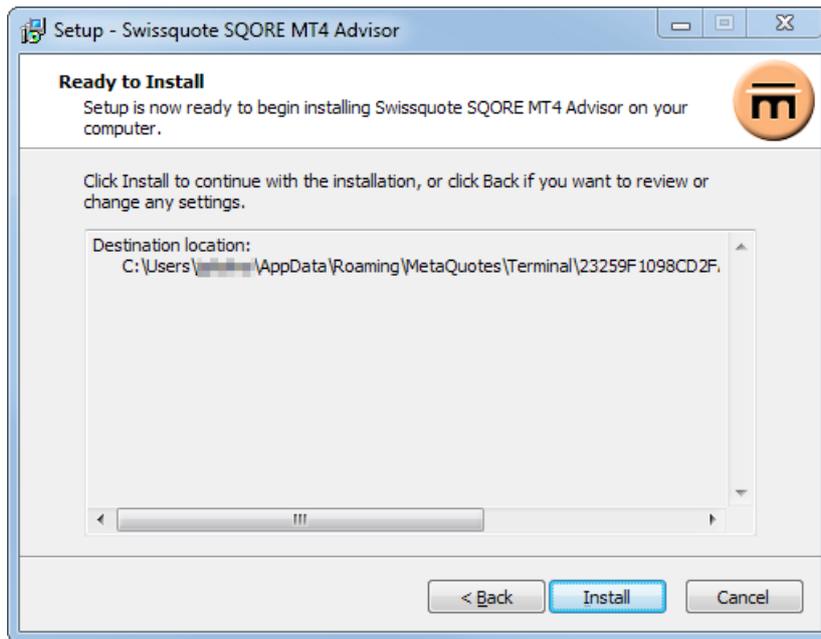


Please follow carefully the steps described in the installer window. They are crucial for a successful installation of SQORE MT4 Advisor. After pasting the required path and clicking on **Next**, the validity of the path will be verified and you may have to confirm some information.



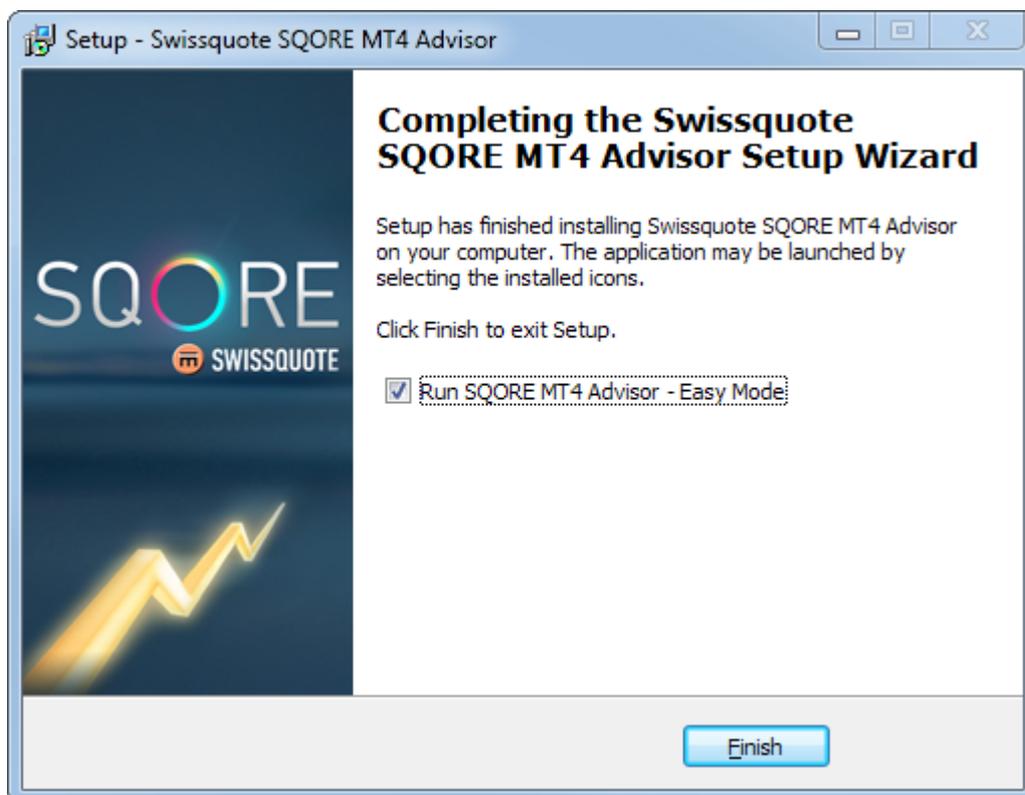
Warning! Enable the "Portable installation" option only if you know what to do with this mode.

Click on **Next** once you have made your choice.



You may review your settings at this point. Once you are ready, click on the **Install** button to begin the installation.

After the installation is completed, the following window will be displayed. Click on the **Finish** button to close the installer.

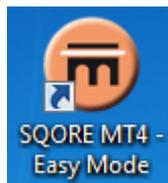


4 Using SQORE MT4 Advisor

4.1 Starting in easy mode

This mode allows you to start your application with an MT4 terminal ready to function with Swissquote SQORE.

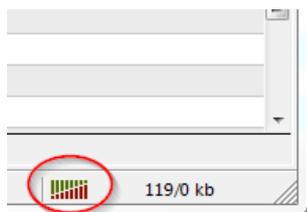
4.1.1 Run an MT4 Terminal with SQORE MT4 Easy Mode



Click on the SQORE MT4 Easy mode icon on your desktop or from the Start menu.

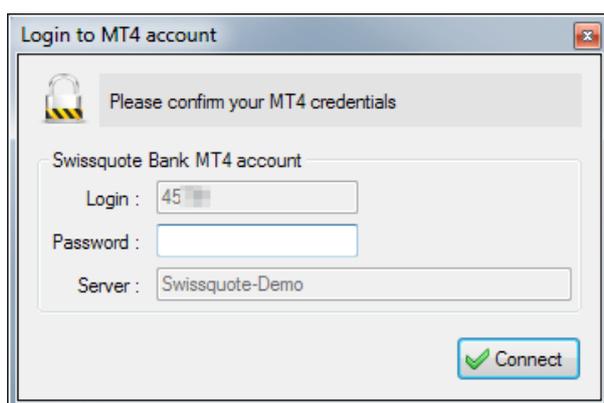
Note: if you launch the MT4 Terminal and haven't enabled "Save account information", you will need to enter your account password at this point.

You should then be connected to your MT4 account: check that the following icon is displayed on your MT4 Terminal:



4.1.2 Enter your Swissquote MT4 account password

Enter (or re-enter) your MT4 account password:

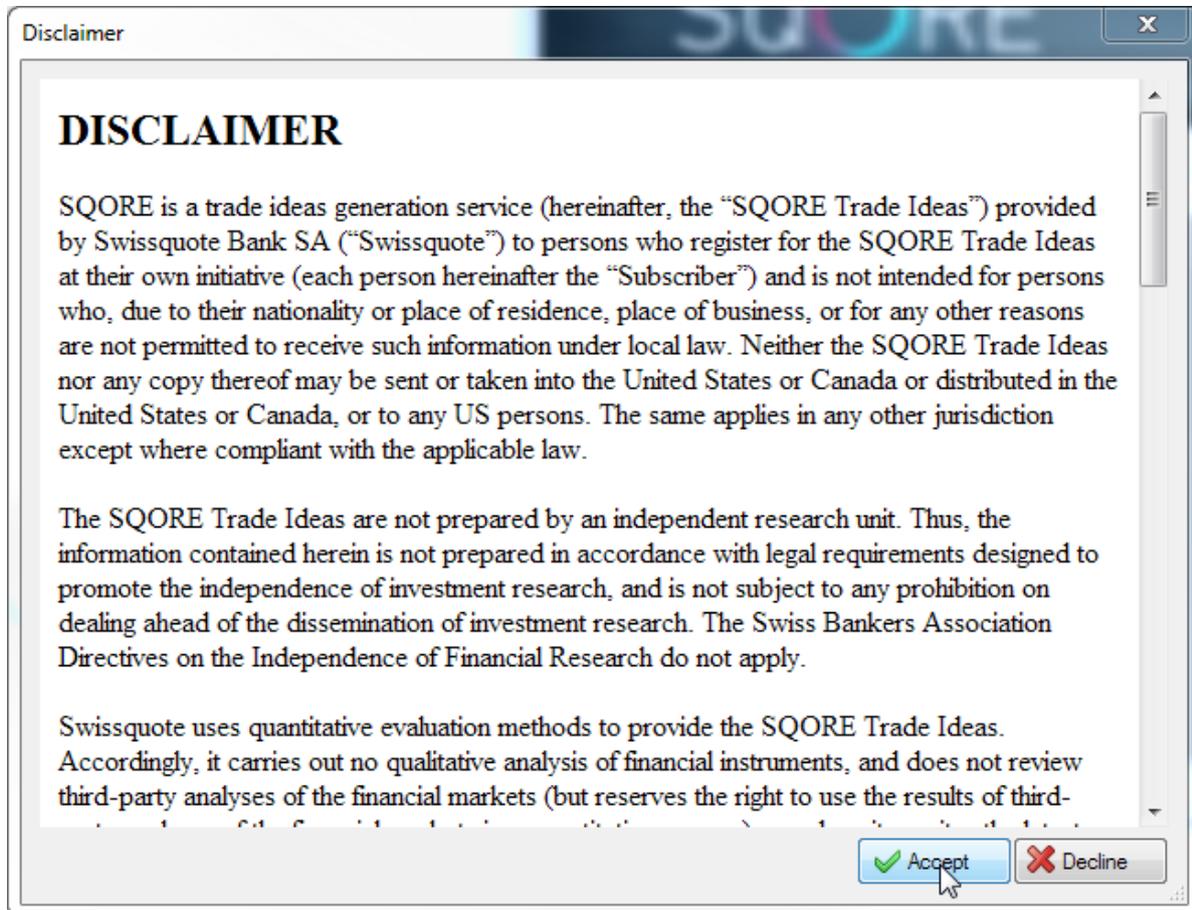
A screenshot of the 'Login to MT4 account' dialog box. The title bar reads 'Login to MT4 account'. Below the title bar is a lock icon and the text 'Please confirm your MT4 credentials'. The dialog contains three input fields: 'Login : 45', 'Password :', and 'Server : Swissquote-Demo'. A green 'Connect' button with a checkmark is located at the bottom right.

This step is essential in order to ensure maximum security for your MT4 trading account.

NOTE: You will not be able to execute trade orders from Swissquote SQORE if you don't start or if you close your MT4 Terminal.

4.2 First link creation

The first time you use this product, you will have to accept the following disclaimer, displayed once you are connected to Swissquote SQORE:



Enter your Swissquote SQORE account credentials, as well as a link alias of your choosing:

Add SQORE link

SQORE Linking the MetaTrader Terminal with your SQORE account allows you to send orders directly from your SQORE interface to your trading account.

Account informations

SQORE login : dupont@test.com

SQORE password : ●●●●●●●●●●

Link alias : dupontMT4

Accept Risk Disclaimer

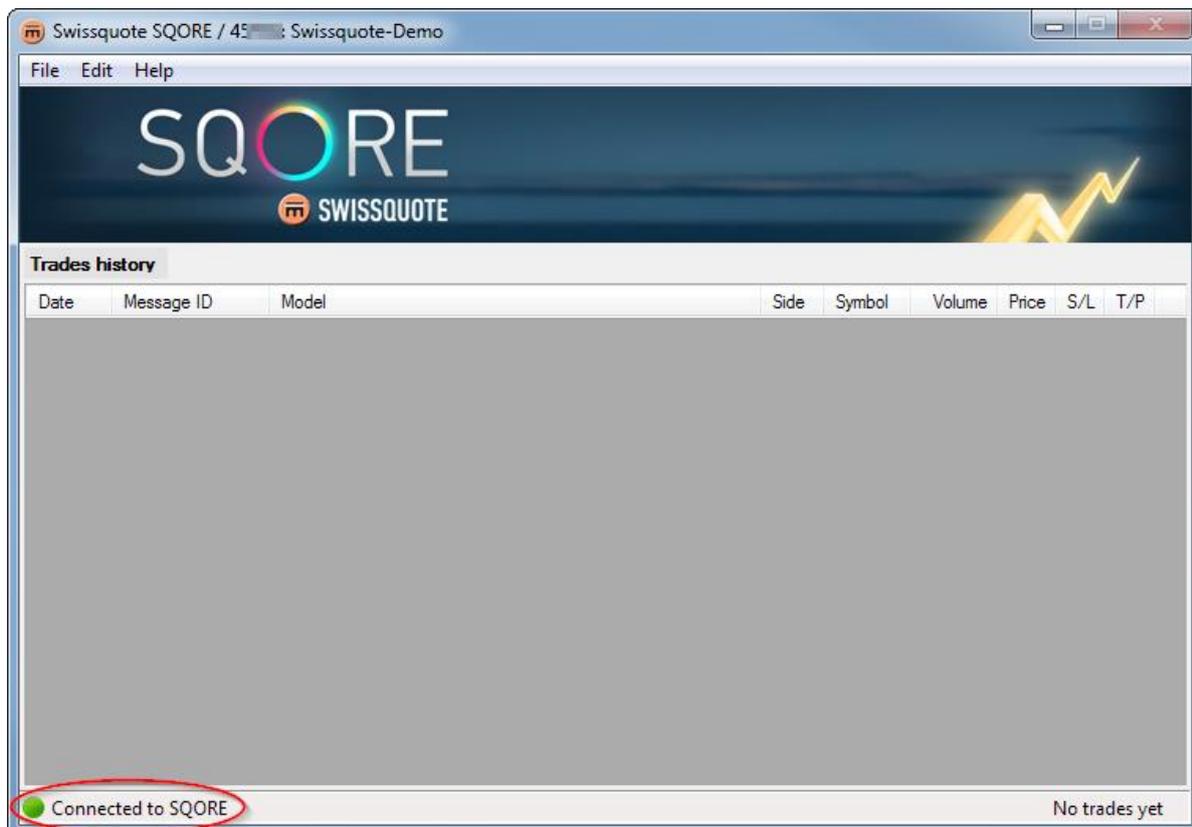
Help

You already accepted the risk disclaimer when you created your first link. **WARNING:** Creating a link between this trading account and SQORE allows orders to be sent from the SQORE platform. Please read carefully the risk disclaimer.

OK Cancel

Note: if you do not yet have a Swissquote SQORE account, you may easily create one by filling out the form on this page: <http://en.swissquote.com/fx/news/sqore>.

After clicking on OK, you will be ready to execute your first trades.



NOTE: It may take a few minutes for a link you just created to be displayed on the Swissquote SQORE platform.

4.3 Starting the Swissquote SQORE platform

4.3.1 Run the Swissquote SQORE platform from your browser

Click on the Swissquote SQORE icon on your desktop or from the Start menu.



(The icon may differ depending on your default browser)

Alternatively, open the following page on your browser:

<http://en.swissquote.com/fx/news/sqore>

4.3.2 Log into Swissquote SQORE

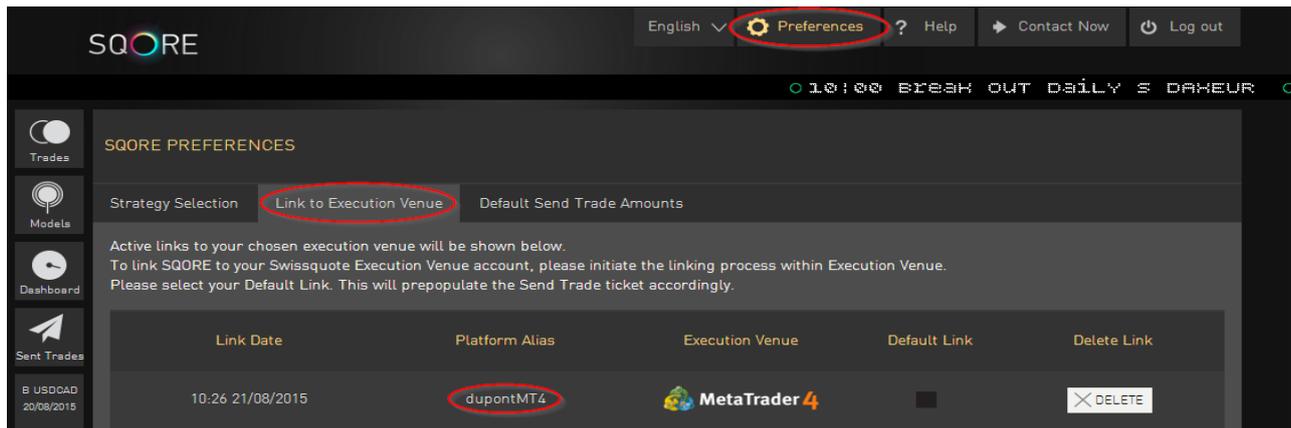
Enter your SQORE LOGIN credentials (E-Mail/Password):

The image shows a screenshot of the SQORE LOGIN form. The form has a dark grey background with white text and input fields. At the top, it says 'SQORE LOGIN'. Below that, there are two input fields: the first contains the email address 'dupont@test.com' and the second contains a password represented by dots. Below the password field, there is a link that says 'Forgot your password?'. At the bottom right of the form, there is a button that says 'SIGN IN >'.

SQORE LOGIN	
<input type="text" value="dupont@test.com"/>	
<input type="password" value="....."/>	
Forgot your password?	
<input type="button" value="SIGN IN >"/>	

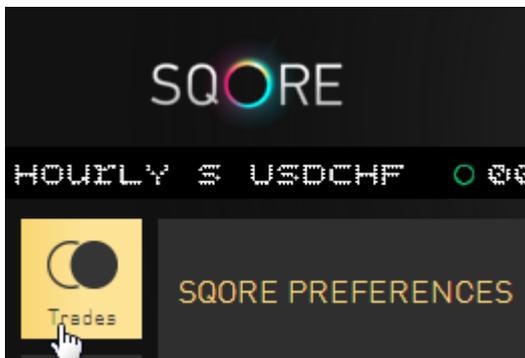
4.3.3 Check your link in the Swissquote SQORE platform

Click on the “Preferences” button at the top and select the “Link to Execution Venue” tab. Your link(s) should be displayed.



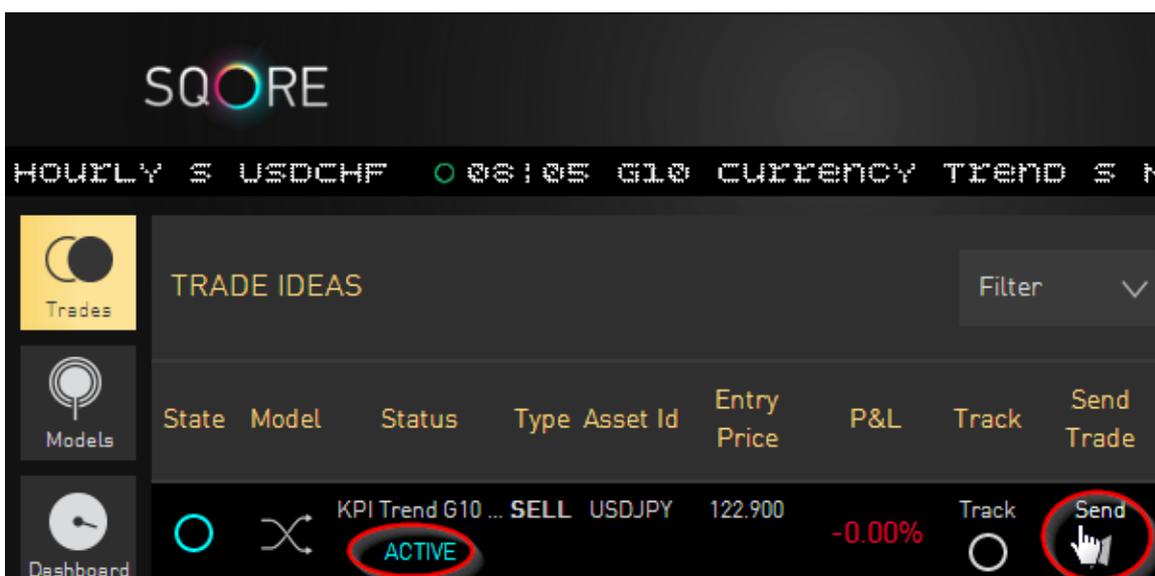
4.4 Sending a Trade

Click on the button “Trades” on the left side of the interface:



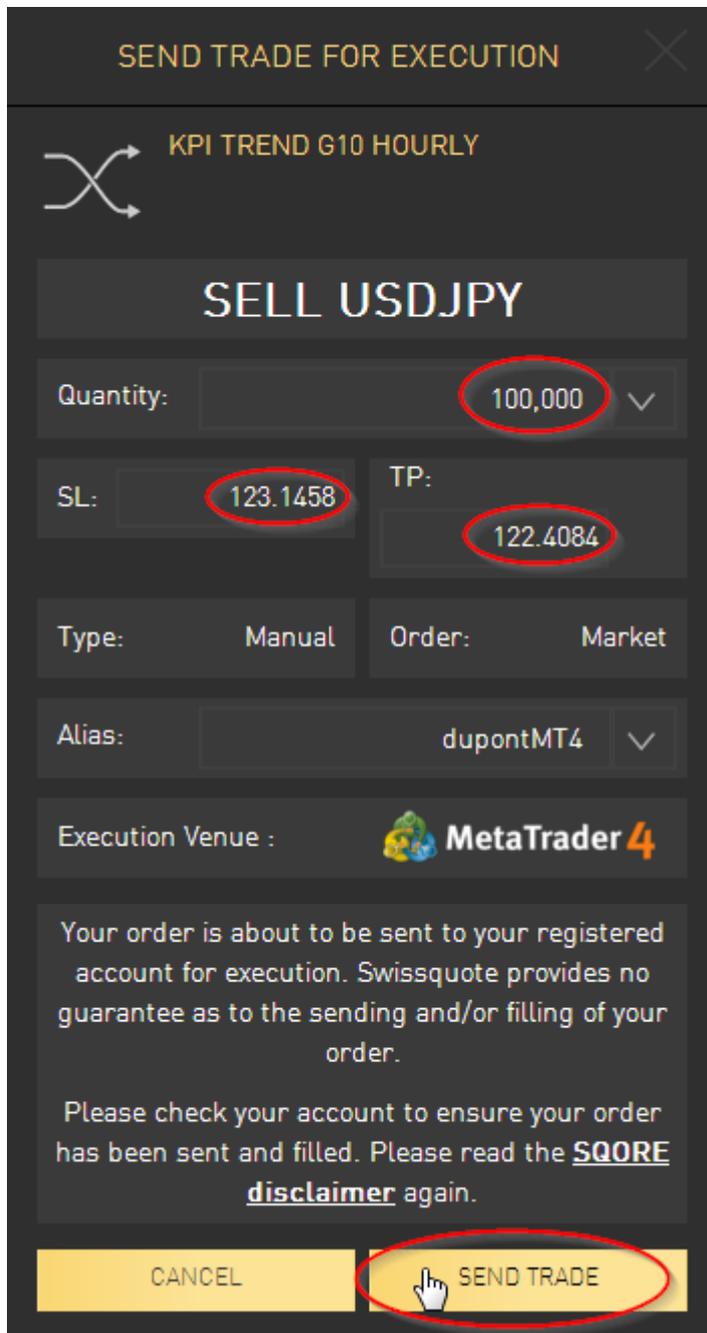
4.4.1 Choose an active trade

Choose a trade with an "Active" status and click on the highlighted "Send" button:



4.4.2 Review the trade information and Send

You may check the trade Quantity, Stop Loss and Take Profit, and edit their default values if needed. Then click on "Send Trade".



SEND TRADE FOR EXECUTION ✕

KPI TREND G10 HOURLY

SELL USDJPY

Quantity: 100,000 ▾

SL: 123.1458 TP: 122.4084

Type: Manual Order: Market

Alias: dupontMT4 ▾

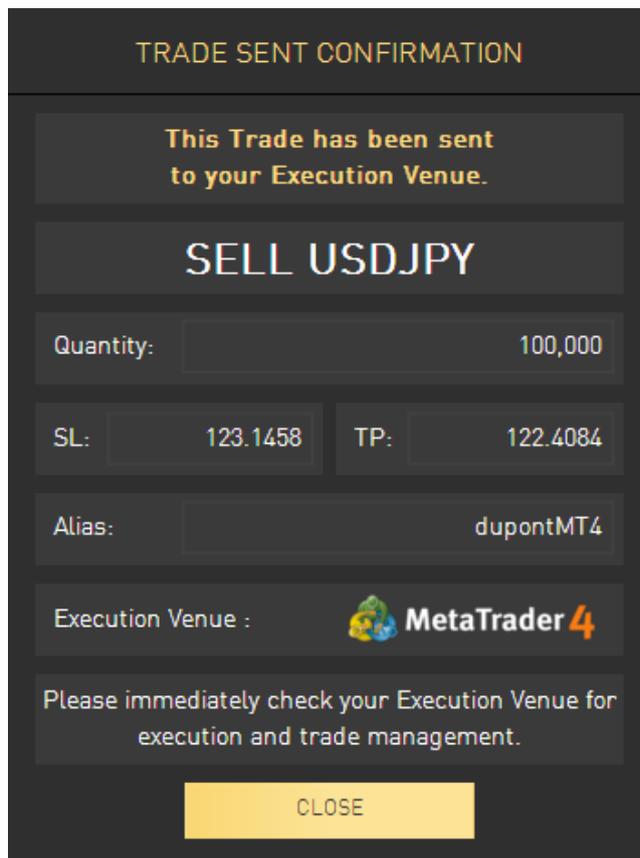
Execution Venue :  **MetaTrader 4**

Your order is about to be sent to your registered account for execution. Swissquote provides no guarantee as to the sending and/or filling of your order.

Please check your account to ensure your order has been sent and filled. Please read the [SQORE disclaimer](#) again.

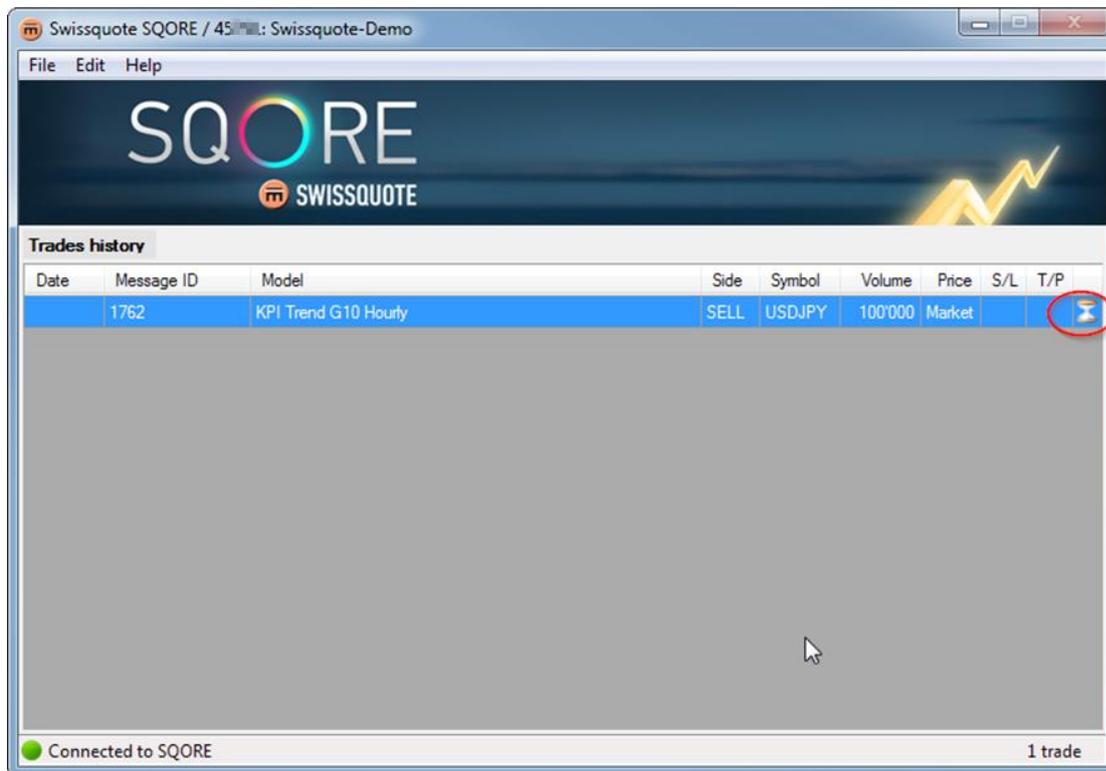
CANCEL **SEND TRADE**

A window will be displayed to confirm that the trade has been sent to your execution venue:

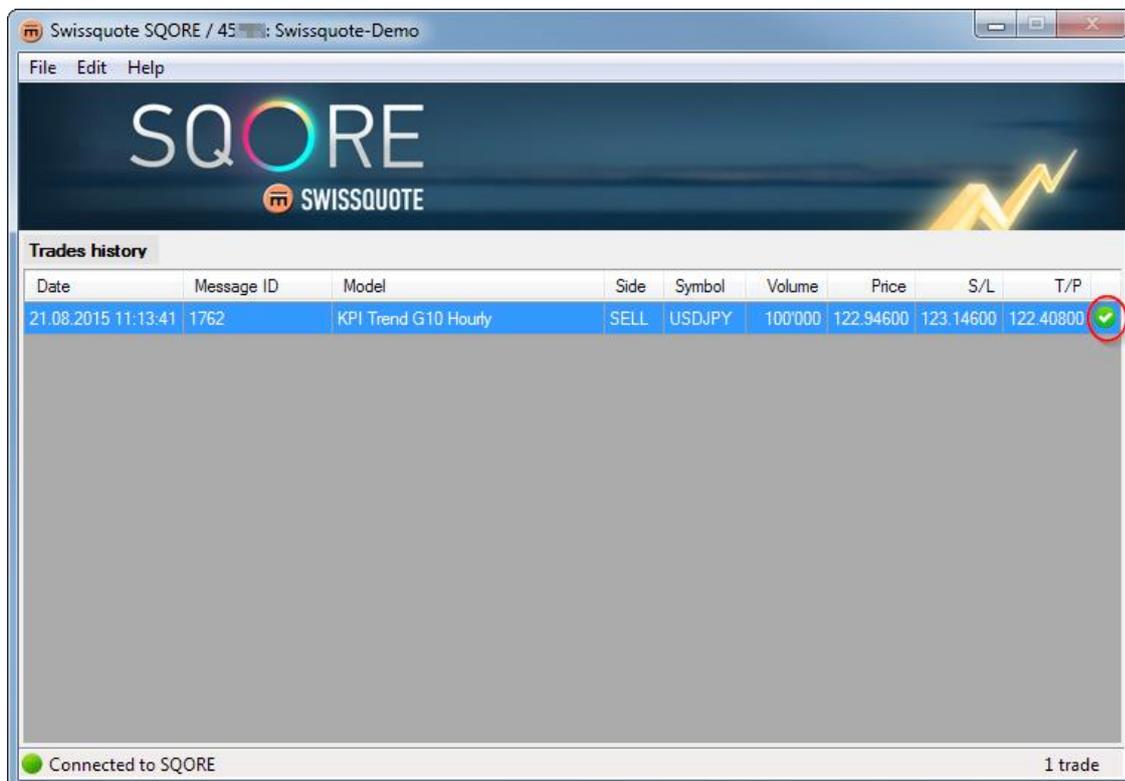


4.4.3 Trade execution in MT4

The trade will be instantly transferred to the MT4 terminal for execution.



If the trade is successful, its information will appear in the Trades History window.



You can also view your executed trade in the MT4 Terminal.

Order /	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Commissi...	Swap	Profit	Comment
6689706	2015.08.10 15:44:50	buy	1.00	eurusd	1.09593	0.00000	0.00000	1.12719	0.00	-41.91	3 126.00	
7135121	2015.08.21 11:13:41	sell	1.00	usdjpy	122.946	123.146	122.408	122.935	0.00	0.00	8.95	SQORE:M:1762:KPI Trend G10 Hour

Balance: ██████ USD Equity: ██████ / Margin: 2 095.93 Free margin: ██████ Margin level: ██████%

Trade | Exposure | Account History | News 99 | Alerts | Mailbox | Market | Signals | Code Base | Experts | Journal |

For Help, press F1 | SQORE | ██████ 1292/1 kb

Notes

- The trade Size 1.00 means 1 MT4 lot, which represents 100,000 units of a currency pair, for instance.
- We recommend not to change the chart containing the "SQORE MT4 Advisor". Operations such as altering the time frame may cause a disconnection and a new prompt to enter your password.
- Regardless of the chart used for SQORE MT4 Advisor, trades aren't limited to that chart: all the symbols in your MT Terminal are tradable.

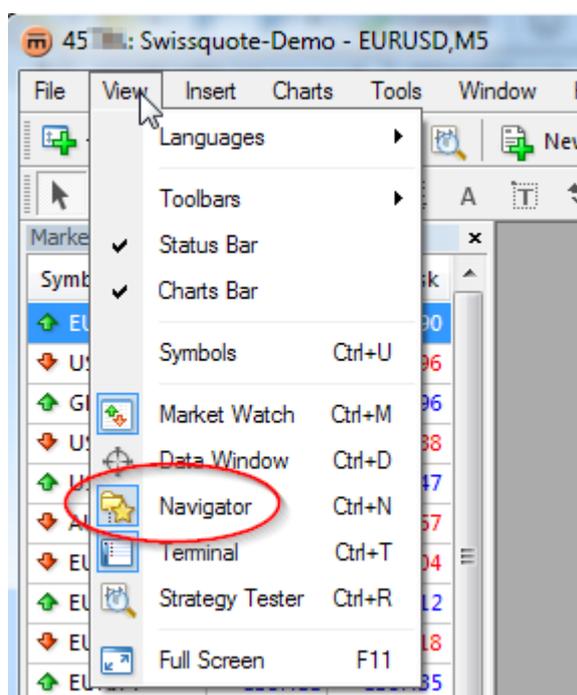
4.5 Starting in normal mode

You can also manually add the SQORE MT4 Advisor into a chart.

Note: if you are running multiple instances of MT4 Terminal installed in different folders, you should choose the instance where you installed SQORE MT4 Advisor.

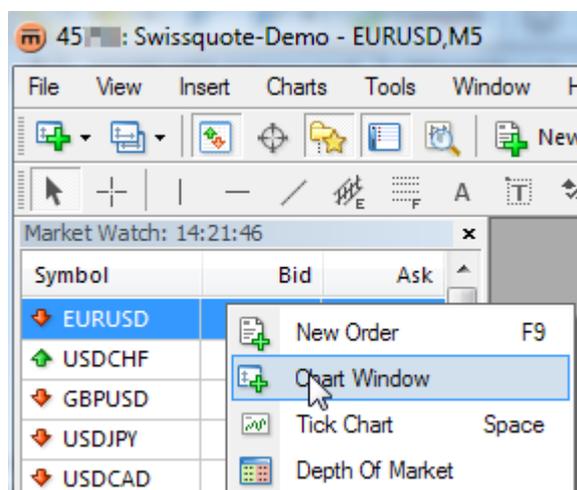
4.5.1 Start the MT4 Terminal

Start your MT4 Terminal and verify that you are connected. Then check as below that “Navigator” is activated:

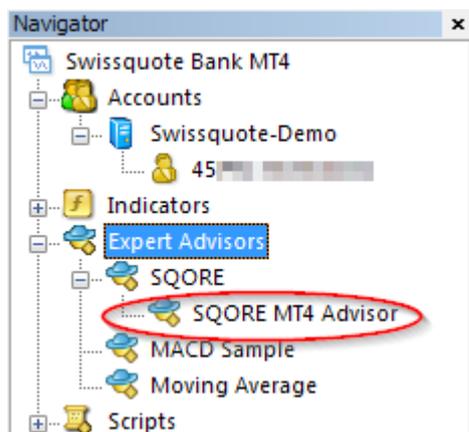


4.5.2 Open a new chart

Open a chart window by clicking the New Chart icon or from the File dropdown menu:



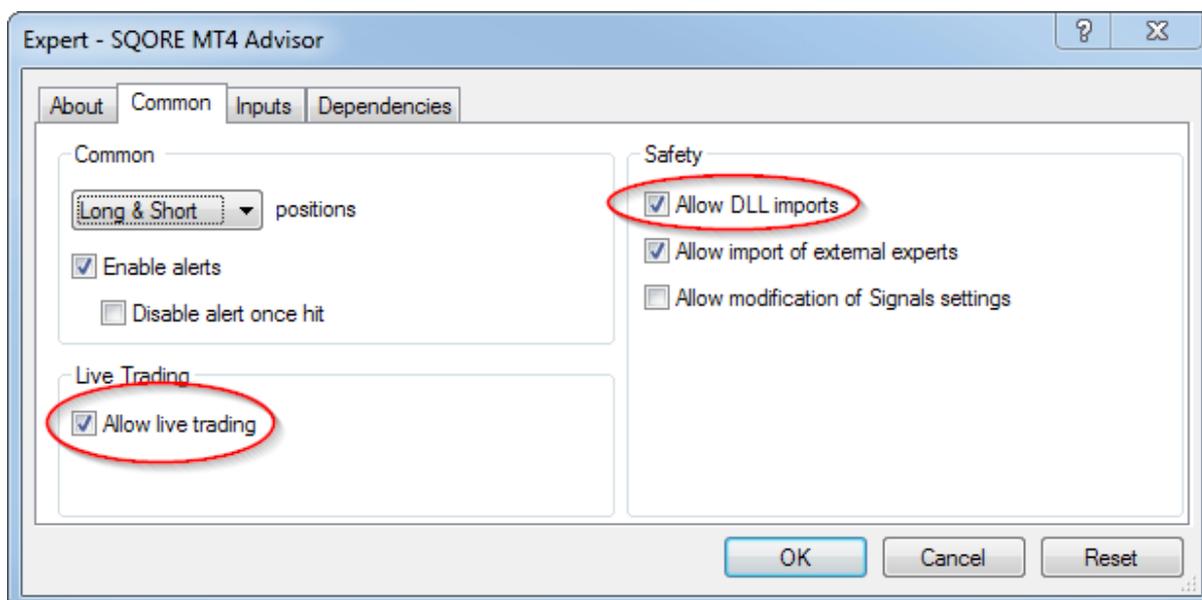
4.5.3 Drag and Drop "SQORE MT4 Advisor" into your chart



From the list of your Expert Advisors in the Navigator, drag and drop "SQORE MT4 Advisor" into the Chart Window. This will open a Settings window.

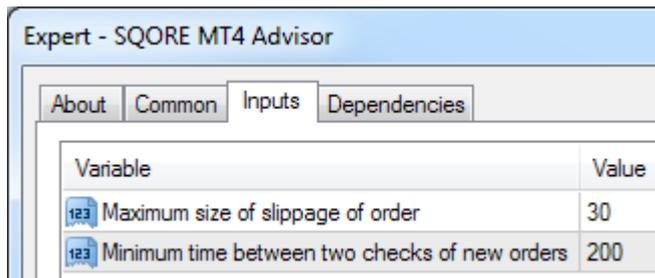
4.5.4 Check the settings of SQORE MT4 Advisor

In the Common tab, make sure that the E.A. is set to "Allow live trading" and to "Allow DLL imports":



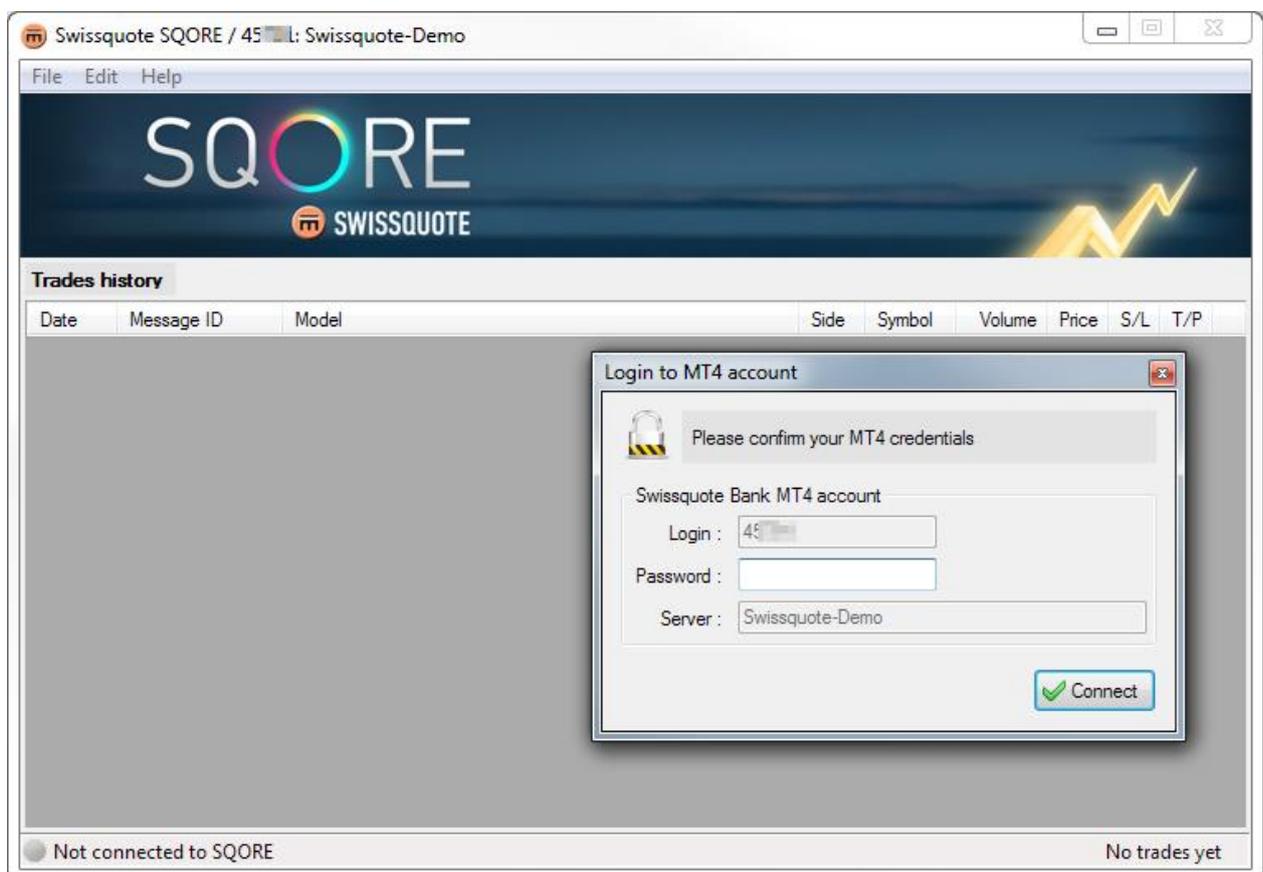
In the Inputs tab, you may want to adjust the values depending on your preference.

Variable	Explanation
Maximum size of slippage of order	Reject an order if slippage is more than this value
Minimum time between two checks of new orders	In milliseconds, interval between checks for incoming new orders



Click OK once you are satisfied with your settings.

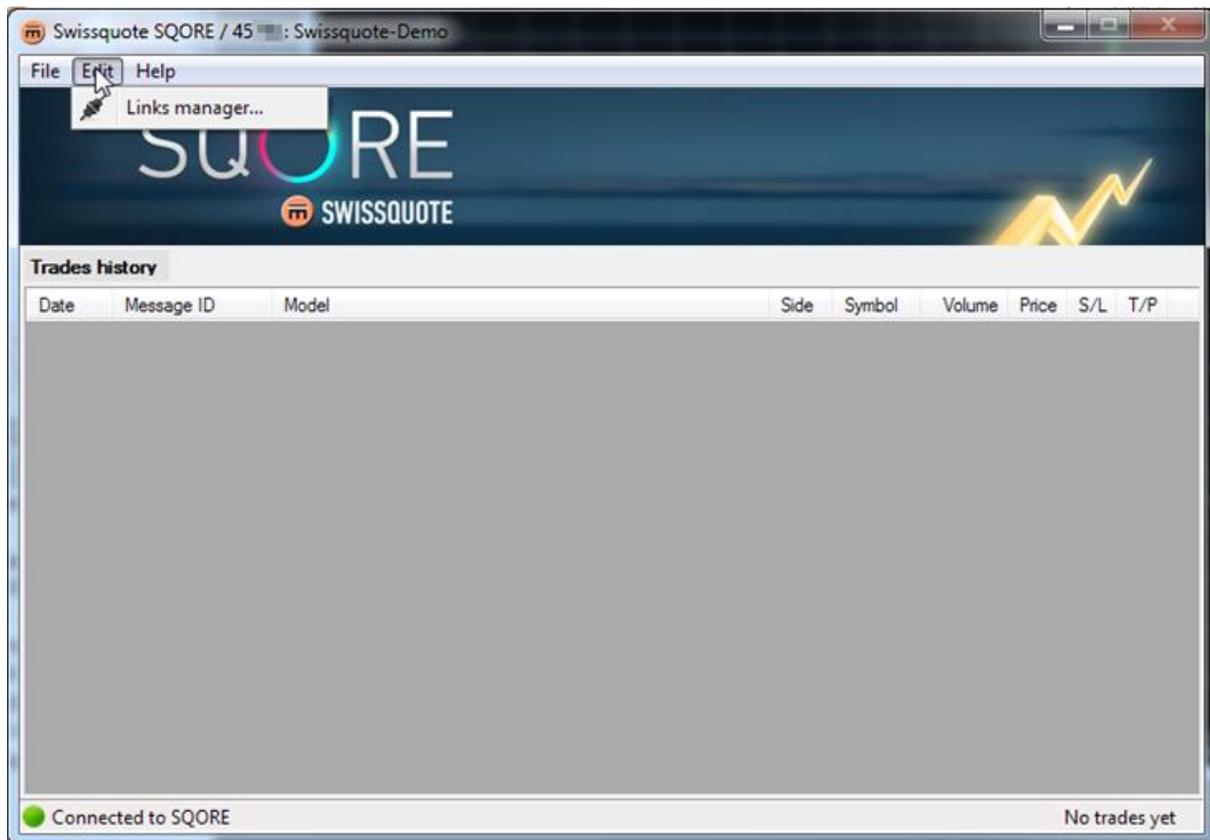
4.5.5 Enter your Swissquote MT4 account password



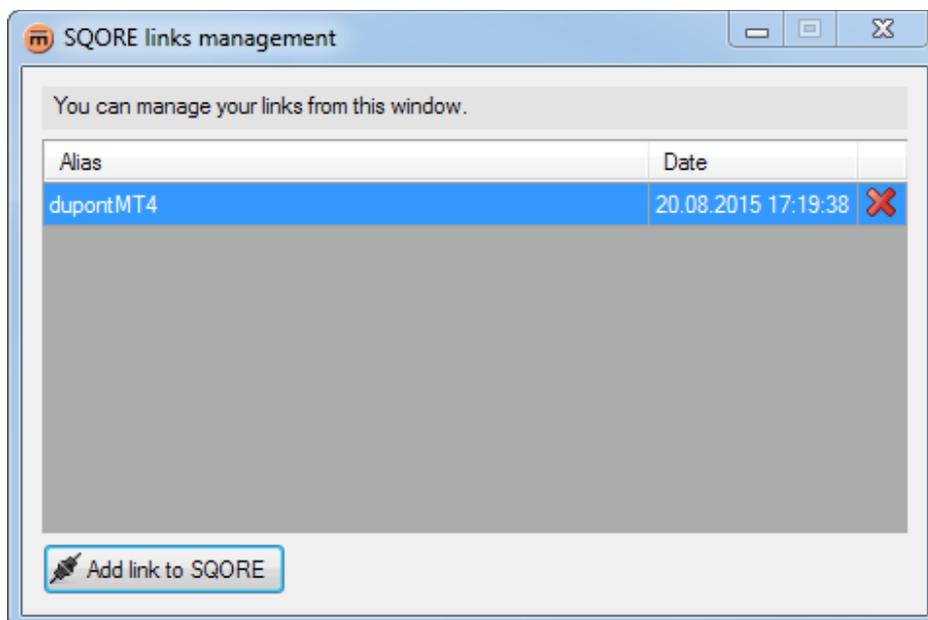
You may now follow the steps 4.2, 4.3 & 4.4 to execute your trades.

4.6 Links management

If you want to create or remove a SQORE Link, select "Links Manager" from the "Edit" dropdown menu.



This will open the SQORE links management window.



If you successfully created your first link, it will be displayed here. You can delete it by clicking on the red X (a confirmation window will be displayed), or create a new one by clicking on the "Add link to SQORE" button.

Note that newly created links may take a few minutes before they are displayed in your SQORE platform.

5 General operation

5.1 Limitations

5.1.1 Order confirmation within Swissquote SQORE

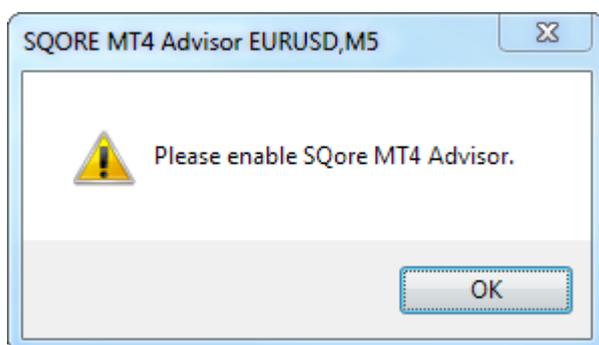
Because of inherent MT4 restrictions (active connection, available margin...), we cannot guarantee that an order sent from Swissquote SQORE will indeed be executed in your MT4 platform. The SQORE platform only confirms that the trade idea was transferred to the execution venue, not that it was executed. Note that the same trade idea can be sent for execution multiple times.

To verify that a trade order was executed, please see the Trades history within SQORE windows of MT4 Terminal, which will give you the status of the orders received by the MT4 Terminal.

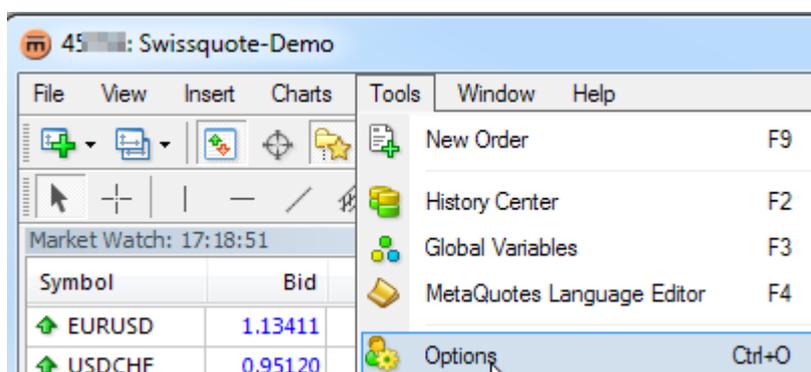
For more details, see section [#Order sent by SQORE not created in MT4](#).

5.2 Troubleshooting

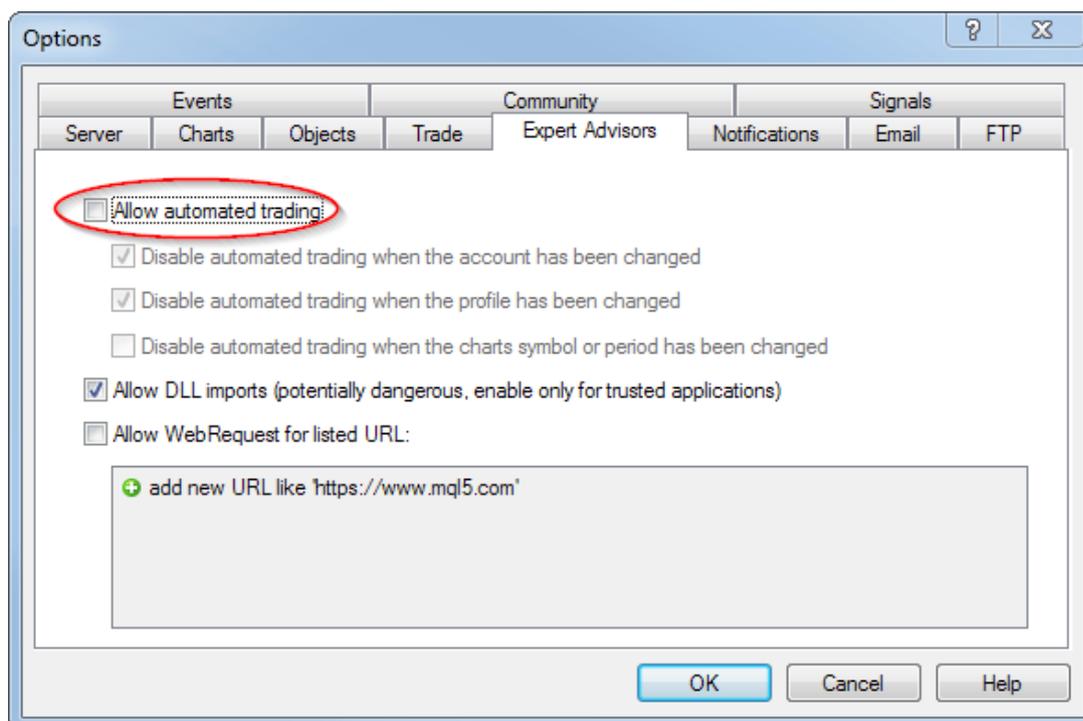
5.2.1 Expert Advisors not allowed for automated trading



If you see this message about SQORE MT4 Advisor, select "Options" from the "Tools" dropdown menu:



Select the "Expert Advisors" tab and enable "Allow automated trading", then click OK.



Notes:

- The same issue might happen when you switch your profile. You may solve it by following the same steps.
- Unselecting "Disable automated trading when the account has been changed" would prevent the issue, but we do not recommend it, for security reasons.

5.2.2 Changing account when connected

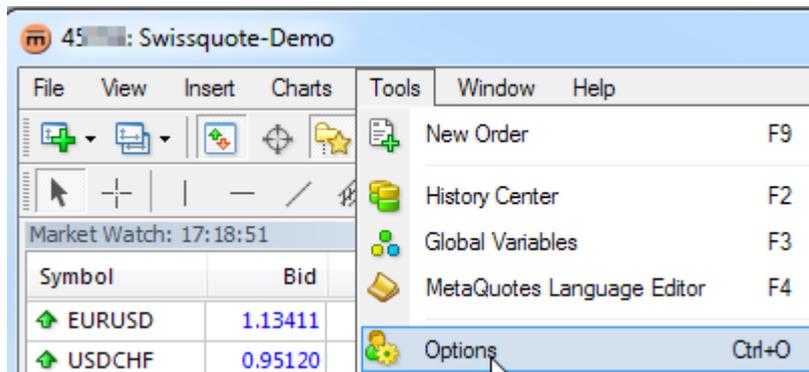
Using the option "Login To Trade Account" in the MT4 Terminal (to log into a different account, or reconnect to the same one) will probably disable your Expert Advisors.

Please, follow instructions 5.2.1 to enable it.

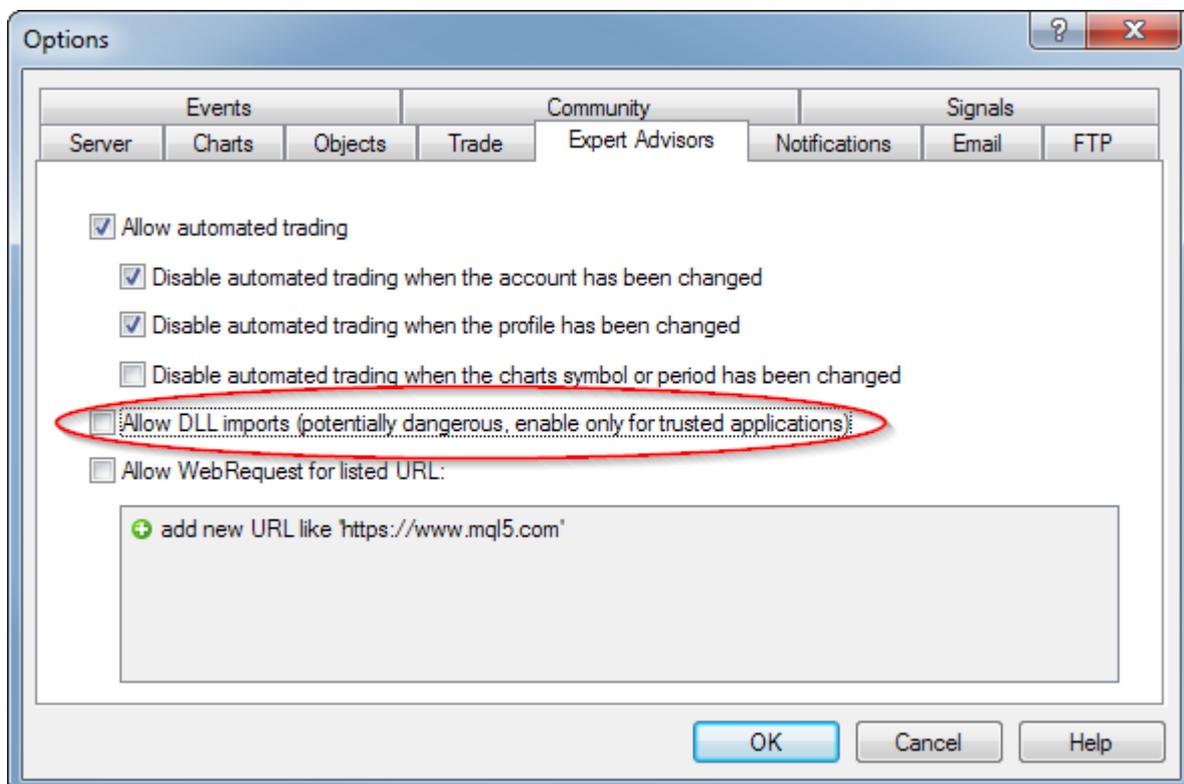
5.2.3 DLL imports not allowed on Expert Advisor



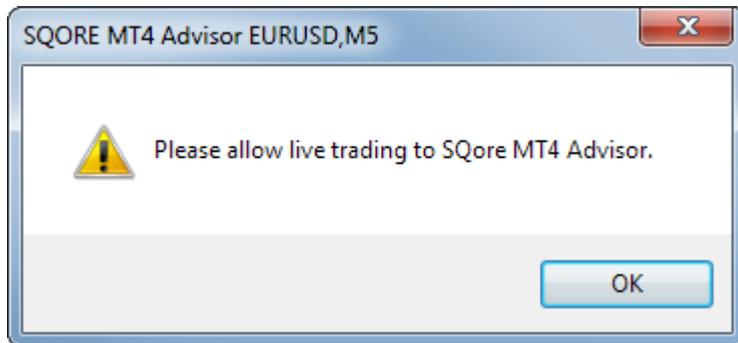
If you see this message about DLL imports, in order to keep using SQORE MT4 Advisor, select "Options" from the "Tools" dropdown menu:



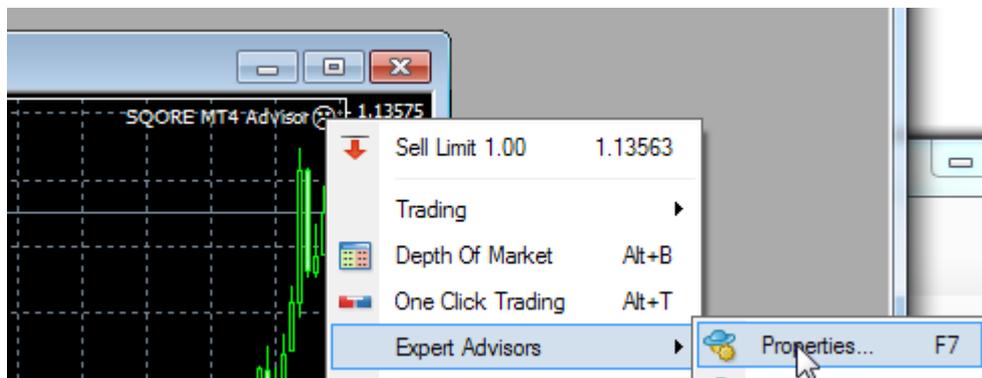
In the "Expert Advisors" tab, enable the option "Allow DLL imports" then click OK.



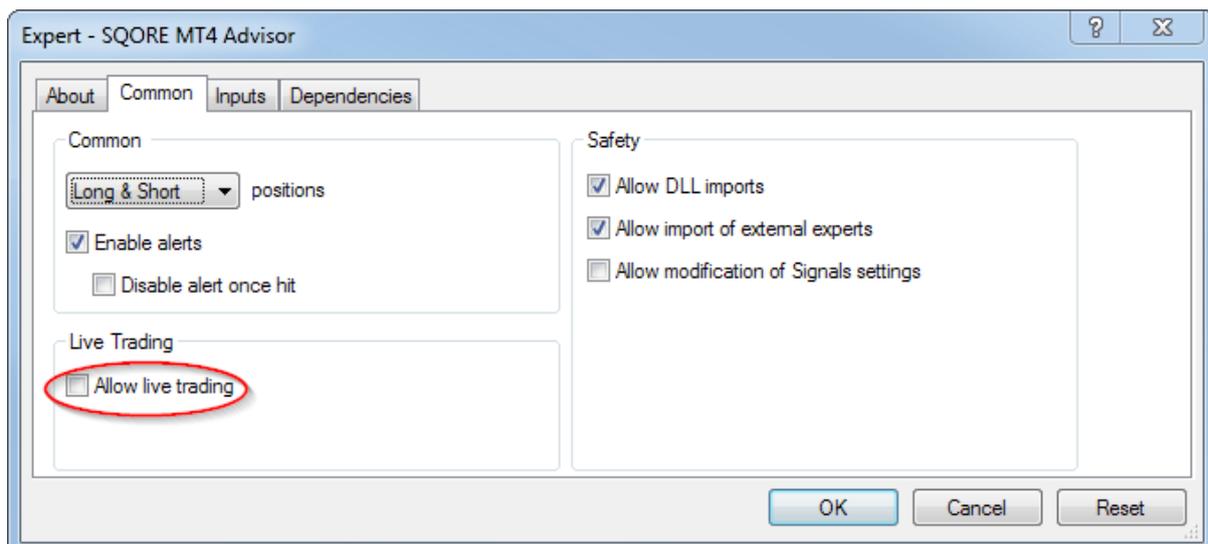
5.2.4 Live trading not allowed on Expert Advisor



If you see this message about live trading, right-click the grumpy face in the SQORE MT4 Advisor chart and select "Expert Advisors", then "Properties".



In the "Common" tab, enable "Allow live trading" then click OK.



5.2.5 Order sent by SQORE not executed in MT4

There may be different reasons why an order was not executed in MT4:

- Incorrect order size
- Symbol not activated or not found in MT4
- Disconnection from MT4 servers
- Invalid stops
- ...

To check why an order was rejected, go to the Trades history and click on an order to see its status:

Date	Message ID	Alias	Model	Side	Symbol	Volume	Price	S/L	T/P	
25.08.2015 15:09:45	1810	dupontMT4	KPI Trend G10 Hourly	BUY	EURUSD	10'000	1.14671	1.14555	1.16368	✓
25.08.2015 15:10:14	1811	dupontMT4	KPI Trend G10 Hourly	BUY	EURUSD	1'000	1.14660	1.14555	1.16368	✓
25.08.2015 15:10:28	1812	dupontMT4	KPI Trend G10 Hourly	BUY	EURUSD	1'000'000	1.14683	1.14555	1.16368	✓
-	1813	dupontMT4	KPI Trend G10 Hourly	BUY	EURUSD	10'000	-	1.14555	1.14555	⚠

Error detail : invalid stops

Connected to SQORE

4 trade (1 error)

The "Error detail" line will display the cause. You can obviously submit the same order from Swissquote SQORE: it will not be duplicated in your list of trades.

6 Glossary

Expert Advisor

Add-on software used by the MetaTrader 4 trading platform. It is a kind of trading robot which executes orders generated by an algorithm based on signals or indicators. EAs are created with the MQL4 language and compiled for faster execution.

SQORE Link

A unique identifier which allows you to link a SQORE account to an MT4 account. You can create several SQORE accounts in which you define different strategies, and link them all to the same MT4 account.

UI / GUI

UI stands for "User Interface", i.e. the interface between the person and the terminal. It may have various forms (for example a console or a graphical interface). *GUI* stands for "Graphical User Interface", i.e. the visual interface. It is often incorrectly abbreviated as "UI".