Cürex FX GUI

User Manual

Version 2

GUI Ver. 1.2.0.22499

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Introduction

The Cürex FX GUI is a versatile interface that can be used to view and trade on liquidity in the Cürex FX ECN. This manual is intended to exhaustively detail the functionality of all tools contained in the Cürex FX GUI. The GUI provides functionality to place various orders with parameters to meet your trading needs. In conjunction with trading, the GUI contains a number of detailed order and trade reports that enable you to review your trading actions. Combining these tool packages enable you to access the Cürex FX ECN through a 'point and click' experience.

Login

After starting the Cürex FX GUI, you will be presented with the login screen. From this screen, you will be able to login to the Cürex FX GUI, change your password or alter your connection settings.

1. Credentials

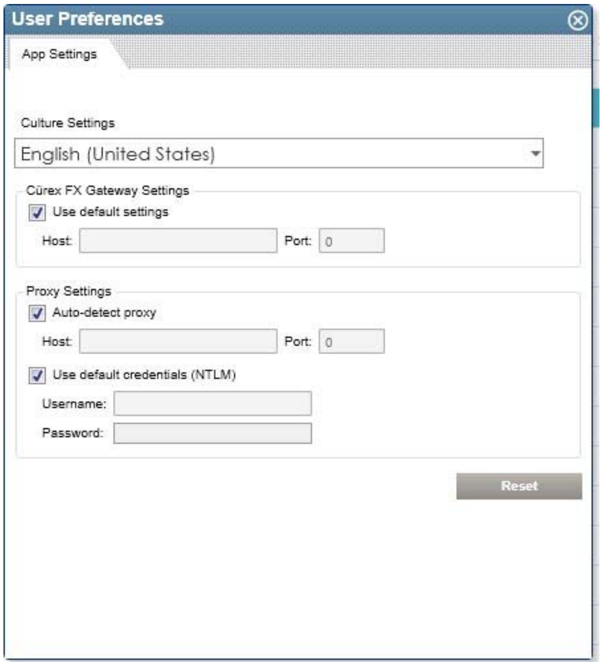
In the 'Username' and 'Password' fields, enter your username and password. Once entered, click the 'Log in' button and you will be logged onto the platform.

2. Change Password

By clicking on the 'Change Password' link on the login screen, you will be taken to the 'Change Password' screen. Using this screen, you can change your password. To do so, you must enter your username, current password, the new password you would like to replace your current password, and finally confirm your new password by typing it again. Once you click submit, your account password will be changed.

3. User Preferences

Clicking on the gear icon will open the 'User Preferences' window. Here, you can change the date and number format using the 'Culture Settings' dropdown. The default Cürex Gateway and Proxy settings should typically be used. Only change these settings if you need to use a custom proxy, or are directed to change theses values by Cürex Operations staff.



Order Types

These are the types of orders that can be placed using the 'New FX Order' window.

4. Limit

This order type sets a price and waits for the market to reach that price before executing.

5. TWAP

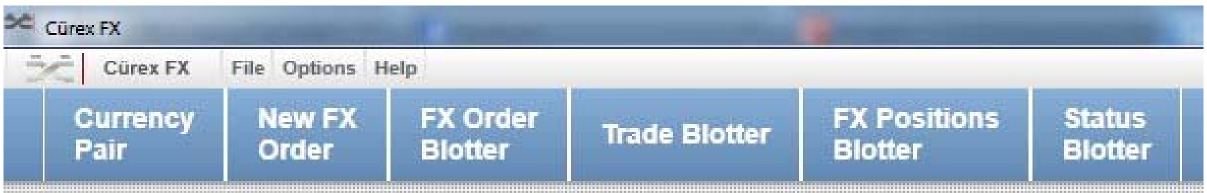
This order type acts as a limit, but then attempts to execute portions of the order size over an interval of time.

6. VWAP

This order type attempts to execute an amount at the price displayed. This may result in multiple executions with varying rates, but the average will be better than or equal to the submitted rate.

Main Menu

The Main Menu runs across the top border of the application window. This bar provides access to much of the functionality of the Cürex FX GUI.



7. File

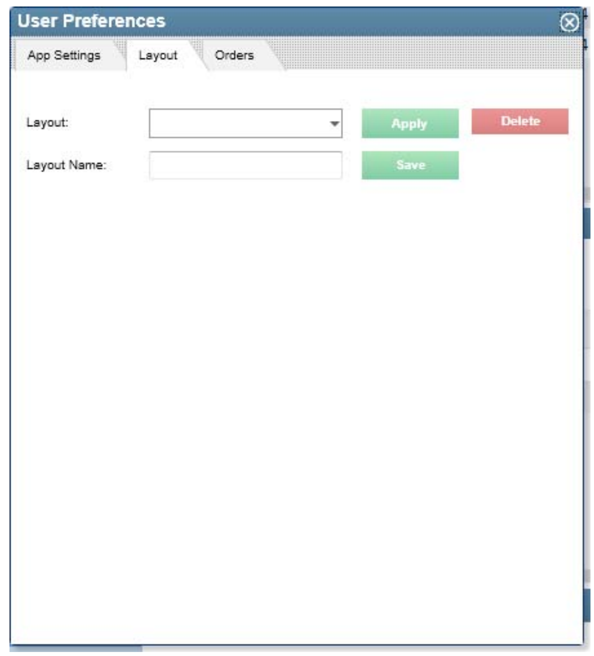
The File menu offers the option to exit the platform, shutting down the Cürex FX GUI.

8. Options

The options menu offers two selections, ‘Preferences’ and ‘Change Password’.

A. Preferences

The Preferences window has three tabs; ‘App Settings, ‘Layout’, and ‘Orders’.

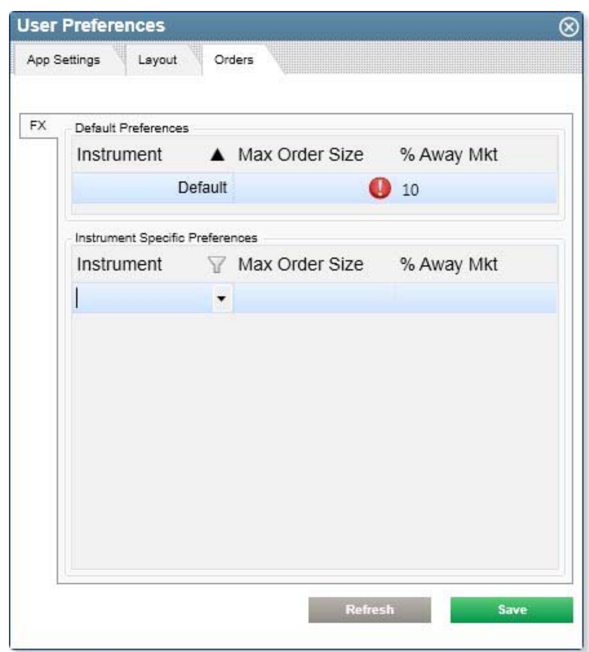


i. App Settings

The ‘App Settings’ tab offers identical functionality found in the ‘User Preferences’ window, detailed in section 3.

ii. Layout

The layout tab offers options to manage your Workspace layouts. Select a saved layout using the ‘Layout’ dropdown, then click the ‘Apply’ button to apply this layout to your Cürex FX GUI. To save a layout, enter a name in the ‘Layout Name’ field then click the ‘Save’ button. The layout you saved can now be found in the ‘Layout’ dropdown, and applied to your Cürex FX GUI. The current layout is automatically saved every time you close the Cürex FX GUI. To delete a saved layout, select it in the ‘Layout’ dropdown and press the ‘Delete’ button.



iii. Orders

The Orders tab offers options to set safety limits on your order placement. You can enter a value under ‘Max Order Size’ to define the maximum order size you would like to be able to enter. You may also input a value under ‘% Away Mkt’ to define the maximum percentage away from the current market that you would like to be able to enter an order for. Inputting these settings in the ‘Default Preferences’ section at the top of the window will enable these limits for all instruments. By clicking the ‘Instrument’ drop down under ‘Instrument Specific

Preferences', you can select a currency pair to apply safety limits to. After setting the Max Order Size and % Away Mkt limits, you must press enter to save the settings for that pair. Once a limit has been set for a pair, it cannot be deleted. However, safety limits can be adjusted to larger values to allow greater trading ranges.

B. Change Password

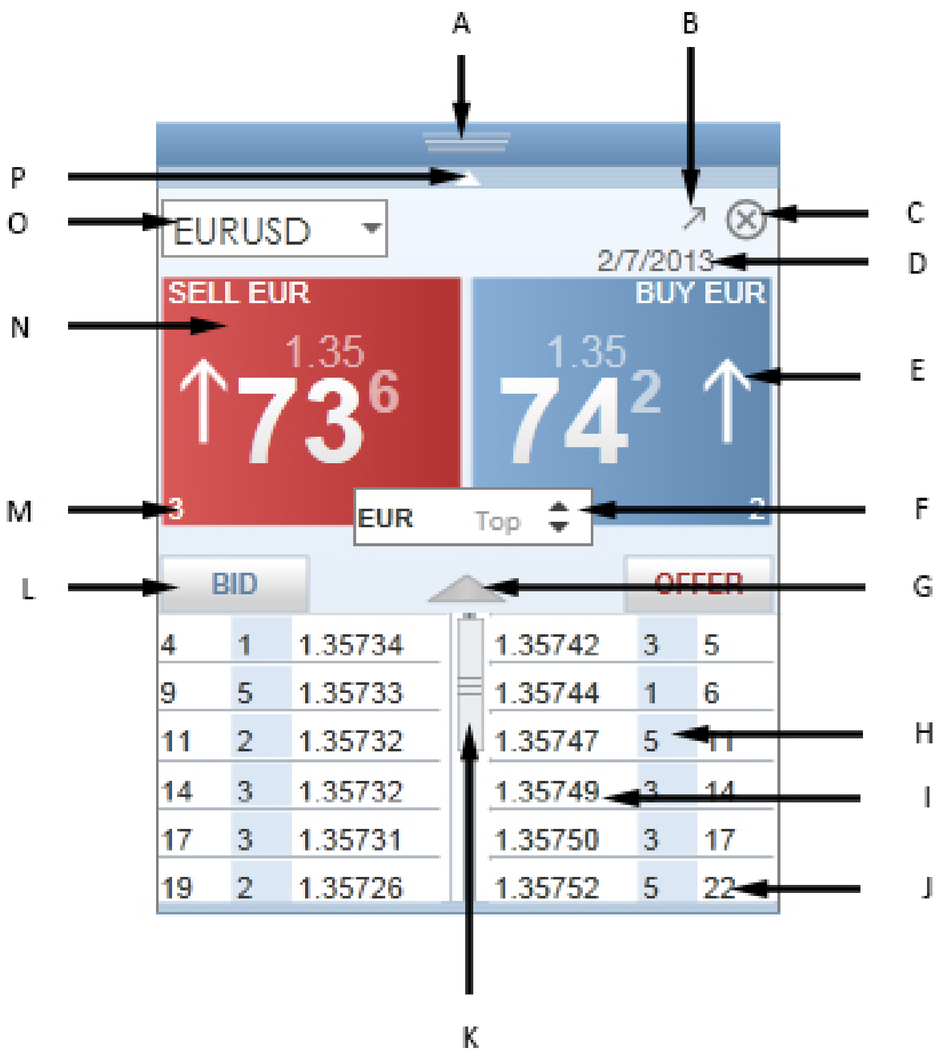
The 'Change Password' selection of the 'Options' menu provides identical functionality of the 'Change Password' screen detailed in item 2.

9. Help

The 'Help' menu provides access to the 'About' screen, where you can create a log file to submit to Cürex Operations staff, if requested. Click the 'Send Logs' button, and a new email to Cürex Operations staff will be generated using your email client, and your logs will be attached.

10. Currency Pair

The ‘Currency Pair’ button will open a new ‘Currency Pair’ window in the active Workspace. Below is a dissection of this window’s elements.



A. Drag Window

Left click and hold on this area to drag the ‘Currency Pair’ window. If inside a Workspace, guides will appear to show you where the window will snap to.

B. Enable/Disable Floating Window

Left clicking here will cause the ‘Currency Pair’ window to float out of the Workspace. It can then be positioned anywhere on your screen. Clicking here while the window is floating will dock it to your active Workspace.

C. Close 'Currency Pair' Window
Left clicking here will close the 'Currency Pair' window.

D. Value Date
This field displays the Value Date for the currency pair displayed in the 'Currency Pair' window.

E. Direction of Change
This arrow shows the direction of change from the last price to the current price.

F. VWAP /Top of Book
This field allows you to define a volume to display the Volume Weight Average Price (VWAP), or the normal top of book price. Left click and enter a value (in millions) to display the VWAP rate for that amount. Enter zero to display the normal top of book price. You can also use the up/down arrows to change the VWAP amount.

G. Show/Hide Depth of Book
Clicking this triangular button will expand the 'Currency Pair' window to show the full depth of book, or collapse it to only show the top of book price.

H. Order Size
This column displays the size of orders in the book.

I. Order Price
This column displays the price of orders in the book.

J. Cumulative Available Liquidity
This column displays the cumulative size of all orders in the book at each depth level. Clicking this field will open a 'New FX Order' window populated with the rate and cumulative size, allowing you to attempt a trade through the book to this level.

K. Depth of Book
This panel displays the orders that comprise the full book.

L. Bid/Offer
Clicking the Bid button will open a 'New FX Order' window to buy, populated with the size and price at the top of the book or the VWAP level, as set in item 6F. Clicking the Offer button will open a 'New FX Order' window to sell, populated with the size and price at the top of the book.

M. Available Liquidity
This field displays the current size of the top of book order.

N. Top of Book Bid/Offer
The red and blue fields display the price of the top of book bid and offer. Clicking the red 'Sell' field will open a 'New FX Order' window to sell, populated with the size and price at the top of

the book, or the VWAP amount selected in item 7F. Clicking the blue ‘Buy’ field will open a ‘New FX Order’ window to buy, populated with the size and price at the top of the book, or the VWAP amount selected in item 7F.

O. Currency Pair

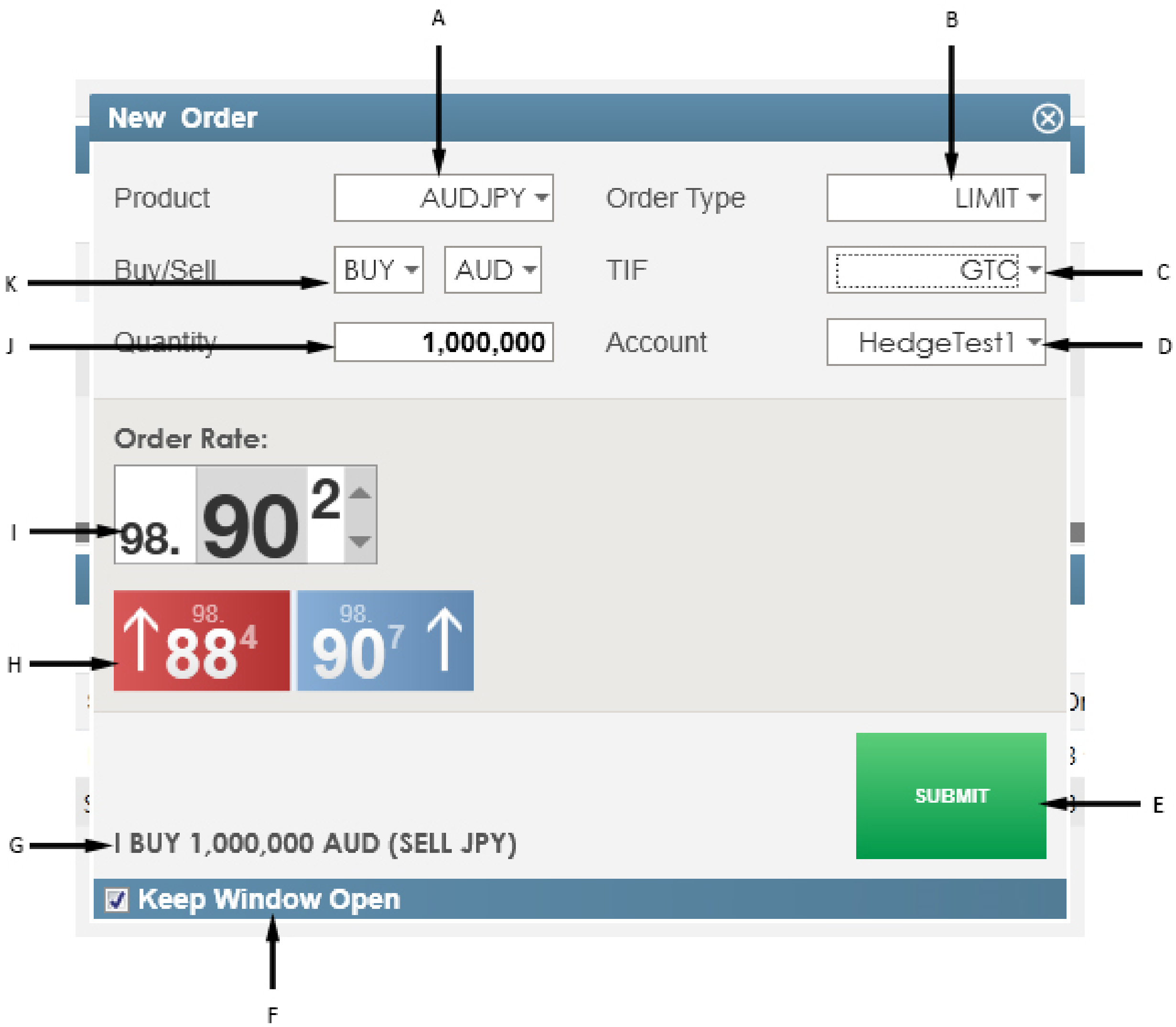
This dropdown allows you to choose the currency pair that is displayed in the ‘Currency Pair’ window. You can also type the name of a currency pair you are looking for.

P. Collapse/Expand Window

This button will collapse the ‘Currency Pair’ window to a more compressed view, or expand it to the full window if collapsed.

11. New FX Order

The ‘New FX Order’ button will open a ‘New FX Order’ window. Below is a dissection of this window’s elements.



A. Product

This dropdown allows you to choose which currency pair you would like to place an order for. You can also type to find the desired product.

B. Order Type

This dropdown allows you to choose the type of order you want to place: Limit, Volume Weighted Average Price (VWAP), or Time Weighted Average Price (TWAP).

C. Time in Force

This dropdown allows you to choose the time period your order will be active for. Options are:

i. Good Til Cancel (GTC)

This option will keep the order active until it is cancelled by the user.

ii. Immediate or Cancel (IOC)

This option will cancel the order if it cannot be filled immediately. This option is only available for VWAP orders.

D. Account

This dropdown allows you to choose which account your order will be executed on, if you have multiple accounts. This field will default to your selection in item 18b.

E. Submit Order

Clicking this button will submit your order for execution.

F. Keep Window Open

If this box is checked, the 'New FX Order' window will stay open while your order is being worked, and after it has completed. You can close the window manually at any point.

G. Order Translation

This field offers a verbose translation of the action your order will take.

H. Top of Book/VWAP

These fields show the current top bid and offer. If you are submitting a VWAP order, they will display the VWAP price.

I. Order Rate

This is the rate your order will be submitted for. You can type in the rate or use the up/down buttons to adjust the rate.

J. Order Quantity

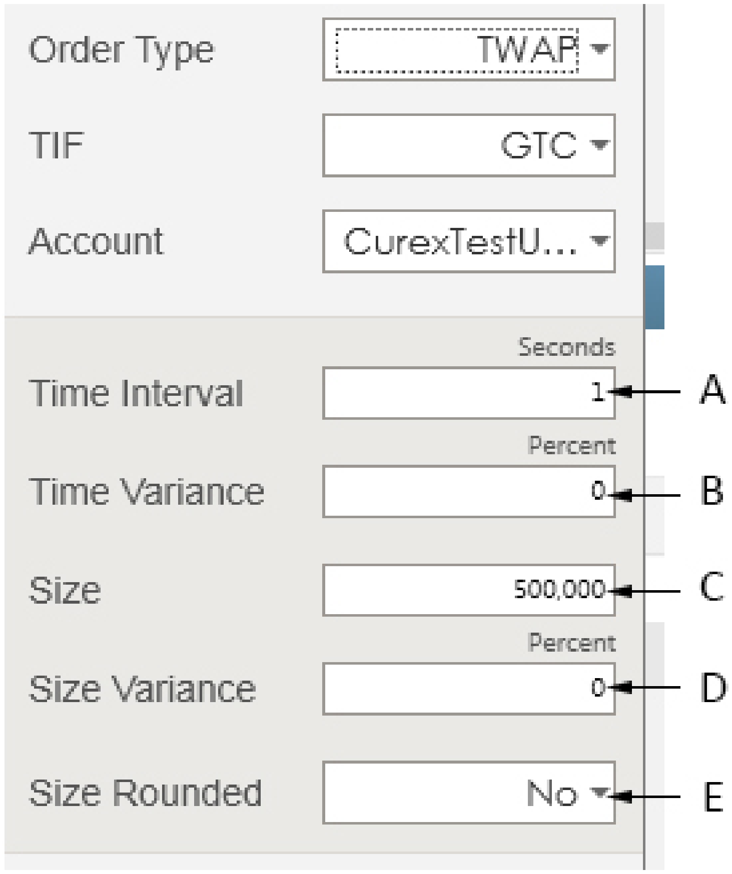
This is the size of the order being placed.

K. Buy/Sell

Using these dropdowns, you can change whether you are buying or selling, and change which currency you are buying/selling.

12. New FX Order Window TWAP Specific Fields

If you are placing a TWAP order, there are specific options that you can set for your TWAP order.



A. Time Interval

This field defines the time (in seconds) between attempts to fill a slice of your TWAP order. The minimum input in this field is 1 (one second).

B. Time Variance

This field defines how much random variance you would like applied to the time between your TWAP fills. A value of 0 would equate to no variance, and your TWAP would attempt to execute at the precise interval. A value of 50 would allow a randomized value of +/- half of your Time Interval. A value of 99 would allow a randomized value of +/- 0.99 times your total Time Interval.

C. Size

This field defines the amount you would like filled at each Time Interval. The minimum amount for this field is 500,000.

D. Size Variance

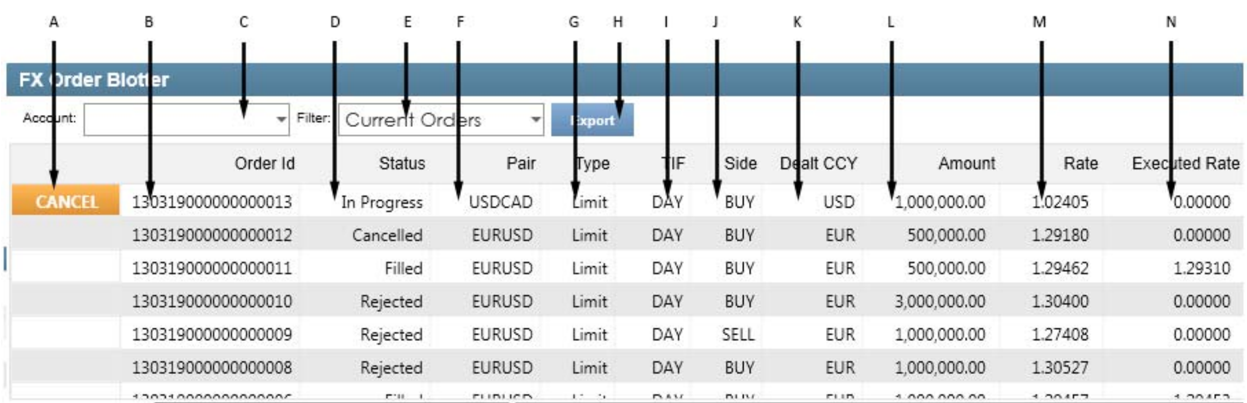
This field defines how much random variance you would like applied to your fills at each Time Interval. A value of 0 would equate to no variance, and your TWAP would attempt to execute the exact Size at each Time Interval. A value of 50 would allow a randomized value of +/- half of your Size applied to each execution. A value of 99 would allow a randomized value of +/- your total Size * 0.99 applied to each execution.

E. Size Rounded

This dropdown allows you to round each randomized execution to the nearest million value. This takes precedence over Size and Size Variance. If your Size setting is less than 1,000,000 your execution will be rounded to 1,000,000.

13. FX Order Blotter

Clicking this button will open an ‘FX Order Blotter’ window. You may have multiple ‘FX Order Blotter’ windows open, displaying different data. The ‘FX Order Blotter’ window’s columns may be rearranged by clicking and dragging the column header. The ‘FX Order Blotter’ window can also be sorted by clicking any of the columns. Below is a dissection of the ‘FX Order Blotter’ window.



A. Cancel Order

Pressing this button will allow you to cancel an order that is ‘In Progress’.

B. Order ID

This column will display the Order ID for each order.

C. Account

Use this drop down to select which account you want to view orders for. The empty option that the ‘FX Order Blotter’ window defaults to will display all orders on all accounts.

D. Status

This column will display the status of the order. Options are: Filled – Order was completed, Cancelled – User cancelled the order before it was completed, Working – Order is active and waiting for market to meet conditions, and Rejected – Order was rejected due to credit or safety limits.

E. Filter

Use this dropdown to select the time period of orders you want displayed. 'All Orders' will display trades for the last seven calendar days, or the last 1,000 trades. 'Current Orders' will only show trades for the past two calendar days, or last 1,000 trades. 'Open Orders' will display orders that are currently working. 'Closed Orders' will display orders that have been filled, cancelled, or rejected.

F. Pair

This column will display the currency pair for each order.

G. Type

This column will display what type of order was placed; a Limit, TWAP, or VWAP. More information on order types can be found in items 1 – 3.

H. Export

Clicking this button will export your 'FX Order Blotter' window to an Excel spreadsheet.

I. TIF

This column will display the Time in Force that was set for the order. Options are GTC and IOC. These options are detailed in section 8C.

J. Side

This column will display which side the order was on, buy or sell.

K. Dealt CCY

This column will display the dealt currency.

L. Amount

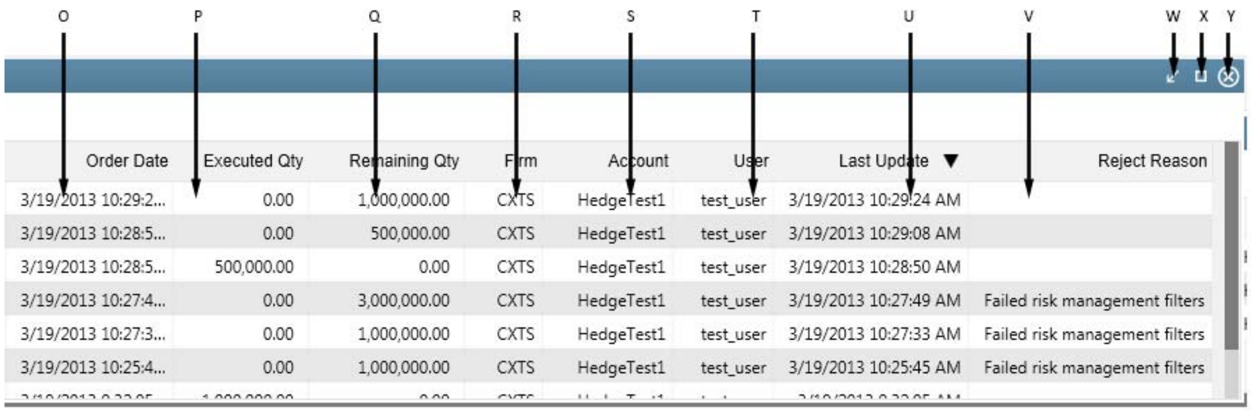
This column will display the amount of dealt currency that was ordered.

M. Rate

This column will display the rate the order was placed for.

N. Executed Rate

This column will display the rate that the order was executed at.



O. Order Date

This column will display the date on which the order was placed.

P. Executed Qty

This column will display the amount of the order that has been executed so far.

Q. Remaining Qty

This column will display the amount of the order that remains to be executed.

R. Firm

This column will display the Firm associated with the trade.

S. Account

This column will display which Account the trade was done on.

T. User

This column will display which User placed the trade.

U. Last Update

This column will display the date and time of the latest order event such as placement, execution, or cancellation.

V. Reject Reason

This column will display a short message on why the order was rejected, if applicable.

W. Enable/Disable Floating Window

Left clicking here will cause the ‘FX Order Blotter’ window to float out of the Workspace. It can then be positioned anywhere on your screen. Clicking here while the window is floating will dock it to your active Workspace.

X. Maximize/Restore

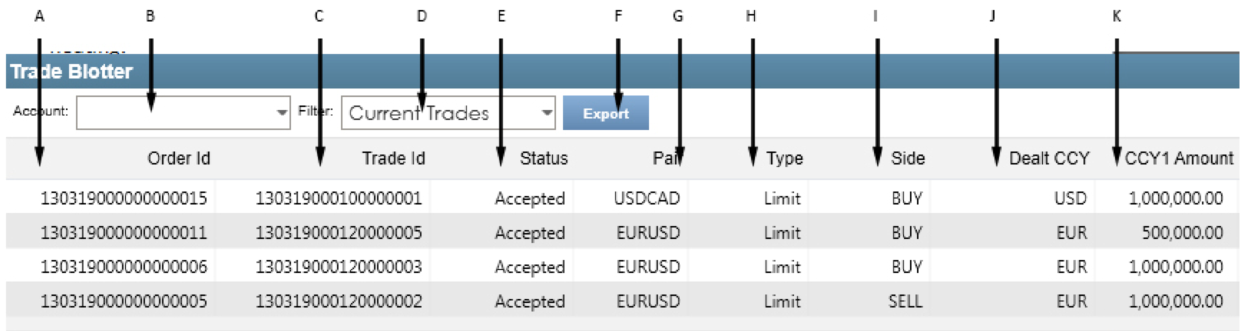
Left clicking this button will cause the window to be maximized or restored to its previous size, if floating.

Y. Close 'FX Order Blotter' Window

Left clicking here will close the 'FX Order Blotter' window.

14. Trade Blotter

Clicking this button will open a 'Trade Blotter' window. You may have multiple 'Trade Blotter' windows open, displaying different data. The 'Trade Blotter' window's columns may be rearranged by clicking and dragging the column header. The 'Trade Blotter' window can also be sorted by clicking any of the columns. Below is a dissection of the 'Trade Blotter' window.



A. Order ID

This column will display the Order ID for each trade.

B. Account

Use this drop down to select which account you want to view trades for. The empty option that the 'Trade Blotter' window defaults to will display all trades on all accounts.

C. Trade ID

This column will display the unique Trade ID for each trade.

D. Filter

Use this dropdown to select the time period of trades you want displayed. 'All Trades' will display trades for the last seven calendar days. 'Current Trades' will only show trades for the past two calendar days.

E. Status

This column will display the status of the trade.

F. Export

Clicking this button will export your 'Trade Blotter' window to an Excel spreadsheet.

G. Pair

This column will display the currency pair for each trade.

H. Type

This column will display what type of order initiates the trade; a Limit, TWAP, or VWAP. More information on order types can be found in items 1 – 3.

I. Side

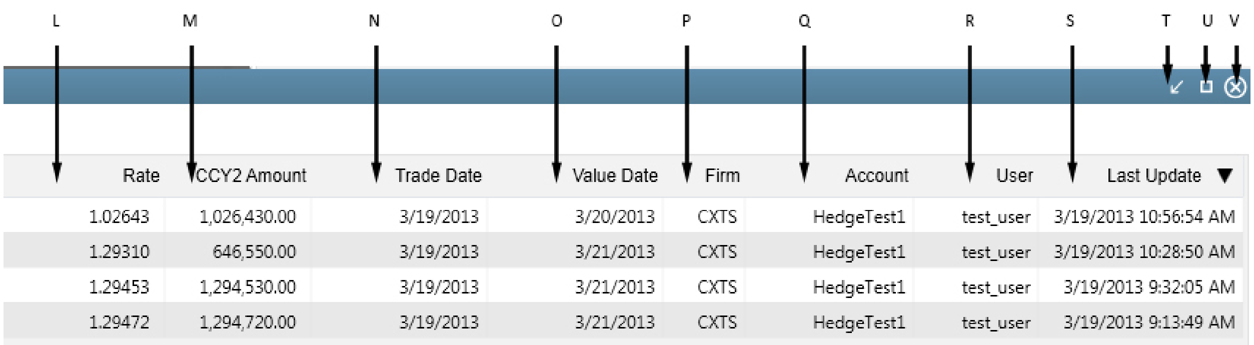
This column will display which side the trade was on, buy or sell.

J. Dealt CCY

This column will display the dealt currency.

K. CCY1 Amount

This column will display the amount of the first currency that was traded.



L. Rate

This column will display the rate the trade was done at.

M. CCY2 Amount

This column will display the amount of the second currency that was traded.

N. Trade Date

This column will display the date on which the trade was done.

O. Value Date

This column will display the value date for the trade.

P. Firm

This column will display the Firm associated with the trade.

Q. Account

This column will display which account the trade was done on.

R. User

This column will display which User placed the trade.

S. Last Update

This column will display the date and time of the last update to the trade.

T. Enable/Disable Floating Window

Left clicking here will cause the 'Trade Blotter' window to float out of the Workspace. It can then be positioned anywhere on your screen. Clicking here while the window is floating will dock it to your active Workspace.

U. Maximize/Restore

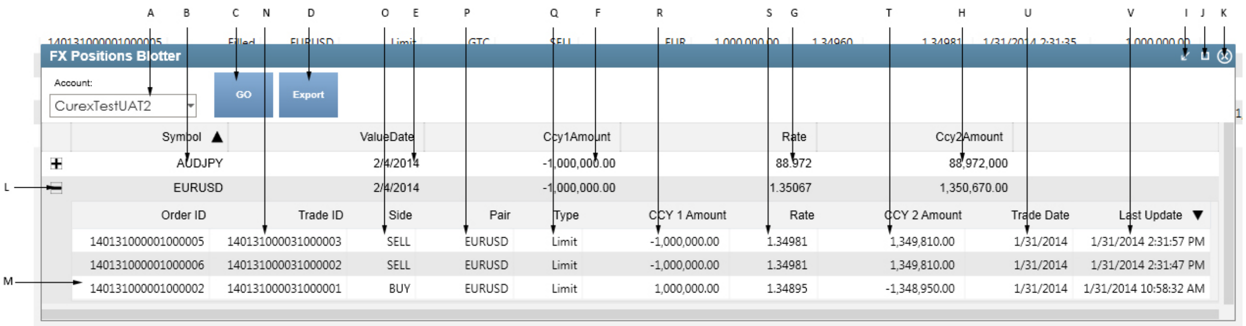
Left clicking this button will cause the window to be maximized or restored to its previous size, if floating.

V. Close 'Trade Blotter' Window

Left clicking here will close the 'Trade Blotter' window.

15. FX Positions Blotter

Clicking this button will open the 'FX Positions Blotter' window. This blotter will display positions you have taken, and through a toggle allow you to view trades that contributed to each position. Below is a dissection of the 'FX Positions Blotter' window.



A. Account

Use this drop down to select which account you want to view positions for. The empty option that the 'FX Positions Blotter' window defaults to will display all positions on all accounts.

B. Pair

This column will display the currency pair that the position is in.

C. GO

Click this button to display positions for another account (selected in 15.A 'Account').

D. Export

Clicking this button will export your 'FX Positions Blotter' window to an Excel spreadsheet.

E. Value Date

This column will display the value date for the position.

F. CCY1 Amount

This column will display the amount of the first currency that a position has.

G. Rate

This column will display the rate for the position. If the position is closed, the rate will be zero.

H. CCY2 Amount

This column will display the amount of the second currency that a position has.

I. Enable/Disable Floating Window

Left clicking here will cause the 'FX Positions Blotter' window to float out of the Workspace. It can then be positioned anywhere on your screen. Clicking here while the window is floating will dock it to your active Workspace.

J. Maximize/Restore

Left clicking this button will cause the window to be maximized or restored to its previous size, if floating.

K. Close 'Trade Blotter' Window

Left clicking here will close the 'FX Positions Blotter' window.

L. Expand Position

Clicking here will toggle a dropdown for the position, which displays the trades that have contributed to that position. Clicking while the trades are expanded will hide the trades, showing just the position data.

M. Order ID

This column will display the Order ID for each trade.

N. Trade ID

This column will display the unique Trade ID for each trade.

O. Side

This column will display which side the trade was on, buy or sell.

P. Pair

This column will display the currency pair that the order is for.

Q. Type

This column will display what type of order initiated the trade; a Limit, TWAP, or VWAP. More information on order types can be found in items 1 – 3.

R. CCY1 Amount

This column will display the amount of the first currency that was traded.

S. Rate

This column will display the rate the trade was done at.

T. CCY2 Amount

This column will display the amount of the second currency that an order has.

U. Trade Date

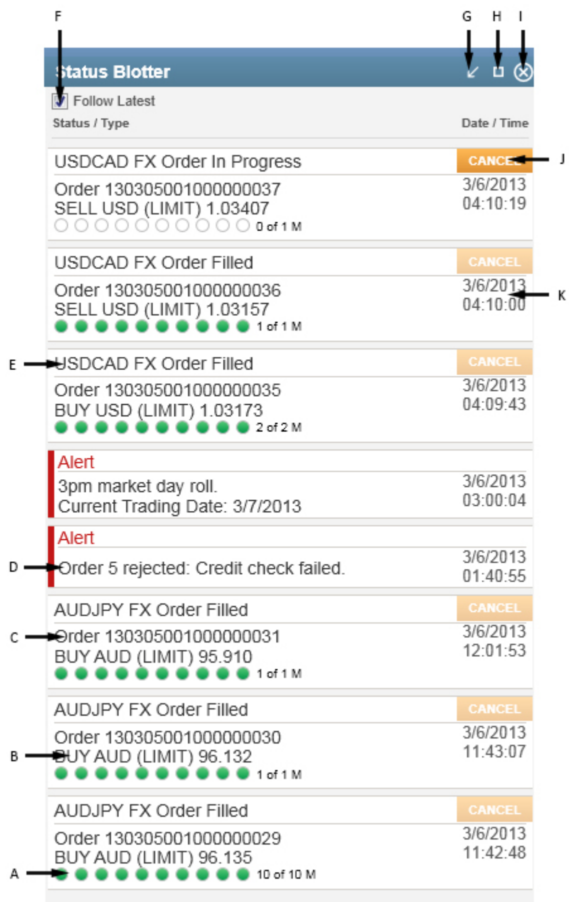
This column will display the date on which the trade was done.

V. Last Update

This column will display the date and time of the last update to the trade.

16. Status Blotter

Clicking this button will open the ‘Status Blotter’ window. This window can be used to track and manage the status of your orders. This window is also where Service Notices will be displayed, alerting you to service events such as value date rolls. Clicking any of the orders in this window will open the ‘FX Order’ window for that order, where you can modify the order if it is still working. Below is a dissection of the ‘Status Blotter’ window.



A. Execution Status

The bubbles below an order ticket will display the percentage of an order that has successfully executed. A green bubble means that tenth of the order has executed, a red bubble means that tenth of the order was cancelled, and a clear bubble means that the execution for that tenth has not been completed.

B. Order Description

This line describes the action your order is taking, at what rate it was set, and the type of order it is.

C. Order ID

This line lists the Order ID for the order being displayed.

D. Service Alert

This entry is a service alert detailing an order that was rejected due to credit. The one above is an alert for a day roll.

E. Order Status

This line lists the status of the order. Statuses are: Filled – Order was fully executed, Cancelled – User cancelled the order before it was fully completed, In Progress – Order is waiting for conditions to complete execution.

F. Follow Latest

Checking this box will cause the status blotter to keep the most recently updated orders at the top of the window, to easily track working orders.

G. Enable/Disable Floating Window

Left clicking here will cause the 'Status Blotter' window to float out of the Workspace. It can then be positioned anywhere on your screen. Clicking here while the window is floating will dock it to your active Workspace.

H. Maximize/Restore

Left clicking this button will cause the window to be maximized or restored to its previous size, if floating.

I. Close 'Trade Blotter' Window

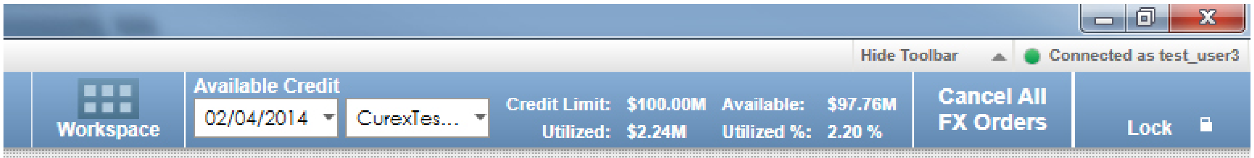
Left clicking here will close the 'Status Blotter' window.

J. Cancel Order

Clicking this button will allow you to cancel the order, if it has a status of 'Working'.

K. Order Time

This field will display the date and time when the order was placed.

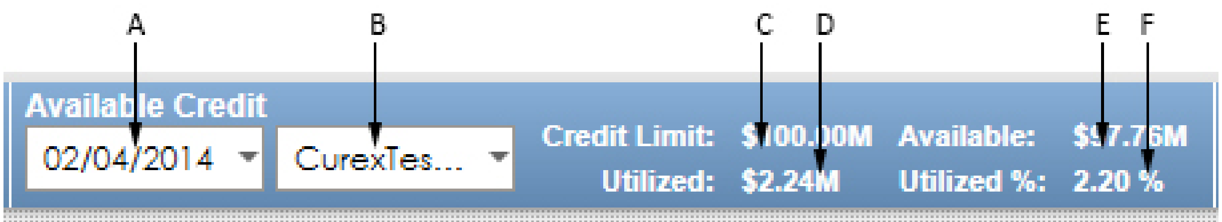


17. Workspace

Clicking this button will open a new 'Workspace'. 'Workspaces' are container windows that allow you to add multiple spaces of customized information. A 'Workspace' can display all of the blotters and 'Currency Pair' windows that you choose. 'Workspaces' can be manipulated like all other windows; using the arrow button to make them float and the circled X to close the 'Workspace'.

18. Credit

The credit display allows you to view your credit utilization. Below is a dissection of the credit display.



A. Value Date

This dropdown allows you to select the value date you would like to display credit information for.

B. Account

This dropdown allows you to select which account you would like to view credit information for. The account selected in this dropdown will be the default account displayed in the 'New Order' window.

C. Credit Limit

This number displays your credit limit for the selected Value Date and Credit Line.

D. Utilized Credit

This number displays how much credit is utilized by the selected Credit Line for the selected Value Date.

E. Available Credit

This number displays the amount of credit that is available to be used by the selected Account for the selected Value Date.

F. Percentage of Credit Utilized

This number displays the percentage of credit that is utilized by the selected Account for the selected Value Date.

19. Cancel All FX Orders

Pressing this button starts the process to cancel all of your working FX orders. Once clicked, a pop up will be displayed asking you to confirm your decision to cancel all FX orders. If you click 'Yes', all of your working FX orders will be cancelled.

20. Pause

Clicking this button will pause all open 'Currency Pair' windows, freezing the prices within. Clicking it again will resume pricing.

21. Lock

Clicking this button will disable order entry. If you click it again, you will be able to enter orders normally.

Version History

Version 1	3/19/13	First Draft
Version 2	1/31/14	Updated the Layout, FX Positions Blotter and Credit windows.