

ISAM FX

FX/ Precious Metals Trading User Guide

Version 1.0

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1 Overview

The FX application is a JAVA based GUI used by *Client* customers to trade and manage Spot FX business. The application allows:

Trading in Spot FX and Precious Metals

- Order Types supported (Standard)
 - Market Sweep Buy / Sell
 - Limit order
 - Stop Loss order
 - Stop Limit
 - Trailing Stop
 - IF Done order
 - IF Done OCO (One Cancels Other) Order
 - OCO (One Cancels Other) Order
- Order Types Supported (Algorithmic FX)
 - Time slice
 - Iceberg
 - Peg

Trade Management

- Order blotter
- Trade Blotter
- Position blotter

Credit Utilization

2 Application GUI (Graphical User Interface)

2.1 Installation

To download the application, please contact your local sales person for download instructions. Once the Application is installed, the application can be launched from the DESKTOP short cut or from the START-MENU. A folder named ISAM FX will be installed in the Program Files section of your hard drive and the program short cuts installed in the specified locations

Please follow the instructions below to complete your setup

 Once the installation is complete, the application can be launched. Upon entering the application, the server host and port number information needs to be entered. This information can be obtained from your local FX Sales person. This is required to connect the application to the server.



FILL IN INFORMATION CLICK FINISH

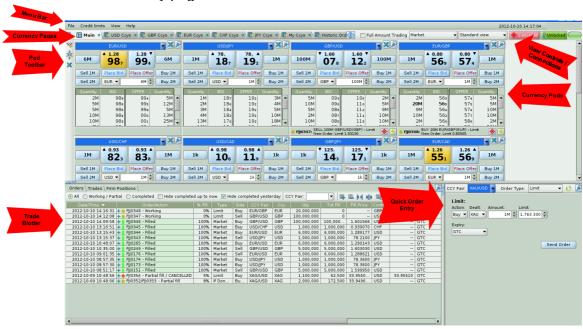
2. Once all the required info is entered the login screen appears

Please obtain your USER ID and PASSWORD from your FX Support person



2.2 Login and Display

A successful login will display the application desktop below. By default the application will load a set of currency pages and default currencies. All of these can be customized.



3 Currency Pages / Available Tabs

The application allows a user to set up a series of TAB's that Display different views of the application trading interface. By default, when a new installation is installed a pre-set list of TABS will display

Main: This is the default page

o Currency Pods: User Defined

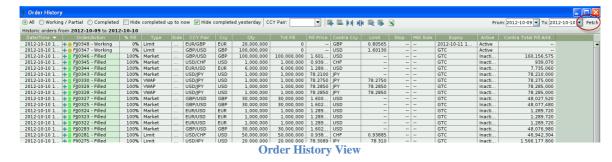
o Trade Blotter

Orders: Open / Working / Filled
 Daily Positions: BUY and SELL / NET

Quick Order Entry

USD Ccys: Major USD crossed currencies GBP Ccys: Major GBP crossed currencies EUR Ccys: Major EUR crossed currencies CHF Ccys: Major CHF crossed currencies JPY Ccys: Major JPY crossed currencies

My Ccys: User defined panel that is blank to begin with. **Historic Orders:** Filter and view user's order history



In the order history view you may click on the **Fetch button** on the top right to retrieve your orders.

You may add currency pairs by using the **Pod Toolbar / Add Pair Button**.

The system has no limit on how many currency pages that you can save in a setup. There is also no limit to the number of pairs that a user wishes to display in the currency pods.

Most buttons can be removed if need be by right clicking on them and selecting delete.

3.1 Create New Tab Views

To create a new TAB

- 1. Select new tab Button
- Select template that tab will build upon: E.g., Main, Orders, Historic Orders, Positions, Price Pods, Ccy...
- 3. Click Add View



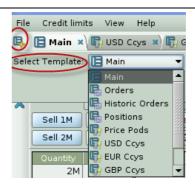
To modify a Tab

- 1. Double Click on a TAB
- Enter new tab name if desired

To accept change click on another Tab

To remove a TAB

Click on the **x** button next to the tab name.







3.2 Pod Toolbar

The Pod toolbar is found on the left hand side of the pod window. It is used to add a new currency pod, remove a currency pod and to show / hide market depth.

The Pod toolbar provides the following buttons:

- Add a new currency Pod
 - Show / Hide depth
 - Remove all pods



4 View Controls / Connections

View controls and connection indicators can be found in the top right hand corner of the main application screen.



4.1 Full Amount Trading

Full Amount Trading allows you to trade in block amounts only. As an example, if
you place an order for \$10 mio USD, you will only be filled on your full amount
either through a price feed for that amount or if another participant deals with you
for that full amount.

4.2 Order Type - Duration.

- Market The most aggressive order type. If this setting is selected then It will perform a market sweep and continue until whole order is filled
- IOC Limit Immediate or Cancelled. This setting will allow a user to attempt to fill an order immediately at the order rate for the total amount. If this cannot be achieved then order is cancelled.
- GTC Limit Good till cancel will be the default setting and allows a user to stage an order at a price Good till the user physically cancels the order
- IOC VWAP Same as IOC limit, except it will look at the depth of the market based on the amount that is typed



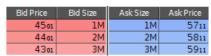
and calculate a weighted average based on that amount

 GTC VWAP - Same as GTC limit, except it will look at the depth of the market based on the amount that is typed and calculate a weighted average based on that amount

4.3 Depth Views

The view of the depth can be controlled by selecting one of the following options

- Standard View Shows all price levels of depth and multiples at those levels if they exist
- Consolidated Shows one level of depth for the total amount at one price
- VWAP Ladder shows a volume weighted average price at each level in the depth



 VWAP Summary – Shows a single volume weighted average price for the amount entered in the amount input area



4.4 Cancel All

Cancel all outstanding orders within the system. This button needs to be double clicked to be activated.



Standard view

Standard view

Consolidated

VWAP ladder VWAP summary

4.5 Lock / Unlock

The unlock setting allows a user to lock trading on the system so that a user cannot inadvertently trade.

Green – Unlocked padlock – allows full use of the system



Red – Locked padlock – locks all trading on the system.
 If a user tries to trade on the system when in this state, a dialog box will appear to warm the customer what state the system is in.





4.6 Connection lights

The connection lights in the application display the current state of the connections to the main parts of the system that provide

- Broker Connections
- Link User Server
- Prices Symbol Server
- OM Order manager
- Positions Positions Service

If any of these lights are red then log out of system and log back in. If problem persists, please contact your support team.

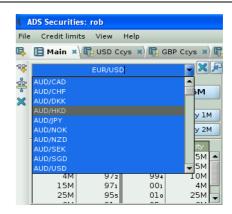


5 Currency Pods

Currency pods within the application are predefined after initial installation. All pods displaying can be changed either by typing the currency pair into the currency input area of the pod or by selecting one of the auto-filled items that display after you start to type in a pair as can be shown below.

5.1 Change a Currency

- 1. Click on currency input dropdown
- 2. Type new pair to be displayed / and or select the pair from the auto-filled list.
- 3. Press enter and new pair will display in the currency pod

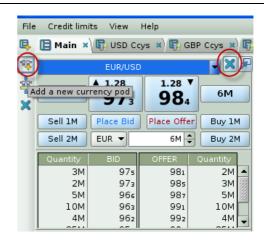


5.2 Add / Delete Pods

Adding Additional pods can be done from the Currency Pod Toolbar, which runs down the left hand side of the currency pod window.

Once a New pod has been added it will appear blank. To set the pod to display a currency follow instructions above

Closing a pod can be done by clicking the X in the pod's upper right corner.



5.3 Show / Hide Depth

Currency depth is visible for each pair. The show / hide depth option will affect all the pods on the active currency page

To toggle depth use either the

- 1. Show / Hide button on the currency pod toolbar
- Show /Hide button on the currency pod pop out



5.4 Pop Out a Pod

Use the top right button on a pod to pop it out to float it on your desktop.



5.5 Close All Pods

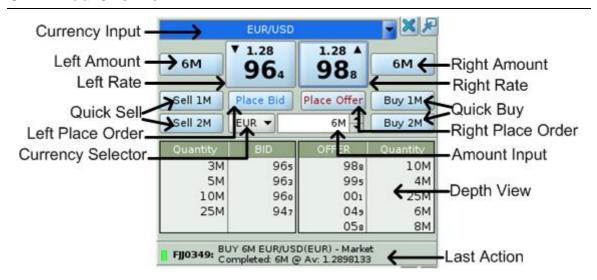
All pods in an active page can be closed using the X button in the toolbar.



6 Use the Currency Pods to Trade

The application currency pods allow the trader to execute trades in either pre-defined amounts, amounts being displayed at top of book or at a specific amount as specified in the amount box. When trading in the pods the base or term amount can be specified for the trade.

6.1 Pod Overview



Currency Input

Use this area to change the currency pair in the pod you are viewing

Left Amount

A double click on this button will Sell the base / Buy the term currency in the amount being displayed

Left Rate

A double click on this button will Sell the base / Buy the term currency in the amount showing in the amount input area

Quick Sell

Show / Hide Depth

This button shows when a pod is floating. Use this to show / hide the depth info

Right Amount

A double click on this button will Buy the base / Sell the term currency in the amount being displayed

Right Rate

A double click on this button will Buy the base / Sell the term currency in the amount showing in the amount input area

Quick Buy

These buttons are pre-defined in the preferences settings. Double click on these buttons to sell the pre-defined amount displayed

Left Place Order - Bid

Select this option to display a ladder will display. If a rate is selected a quick limit order will be placed at that level in the amount displaying in the amount input area. Choose Place order to open the place order dialog box

Currency Selector

Use this button to select either the base or term currency that you wish to trade

Last Action

This area will display the last action performed on that currency pair

These buttons are pre-defined in the preferences settings. Double click on these buttons to buy the pre-defined amount displayed

Right Place Order - Offer

Select this option to display a ladder will display. If a rate is selected a quick limit order will be placed at that level in the amount displaying in the amount input area. Choose Place order to open the place order dialog box

Amount Input

Use this to specify the amount of currency you wish to trade

6.2 Place an order

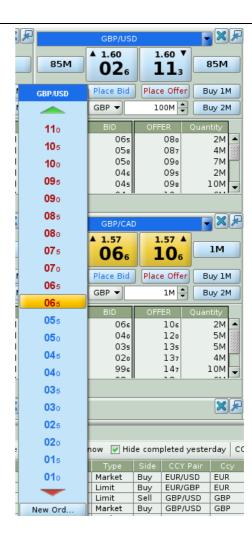
Placing orders in the system can be done either by using the LEFT/ RIGHT BID /OFFER buttons or by selecting the new order option in the drop down menu from the BID /OFFER buttons

6.2.1 Place LIMIT Bids / Offers

- Place amount to be traded in Amount Input Area
- Select currency to trade next to amount input box (remember to use M – Millions and B- billions and K for thousands)
- 3. Click PLACE BID or PLACE OFFER button.
- 4. Select level to which you wish to set order

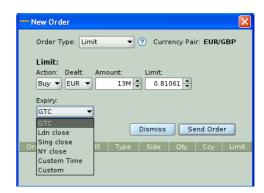
Or

- Select PLACE BID or PLACE OFFER button
- 2. Select New Order...
- 3. Select Order Type
- 4. Enter Inputs relating to that particular order type
- Once order is placed it can be viewed in the Order blotter OR as the last action at the base of currency pod



An order placed in the system can have an expiry set. The Default is GTC. Other Expiries are listed below

GTC – Good Till Cancelled LDN Close: 5pm London Time NY Close: 5pm NY Time Sing Close: 5pm Singapore Time Custom: Customer defined expiry



6.2.2 Limit

To place a stop loss order

- Select PLACE BID or PLACE OFFER
- Select Limit order from dropdown list on the new order dialog
- Set Order Actions



6.2.3 Stop Loss

To place a stop loss order

- Select PLACE BID or PLACE OFFER
- Select Stop loss order from dropdown list on the new order dialog
- Set Order Actions

Note that a stop loss allows you to specify a trigger point. MKT Side allows you to specify BID or ASK for the trigger

6.2.4 Stop Limit

To place a stop loss order

- Select PLACE BID or PLACE OFFER
- Select Stop Limit order from dropdown list on the new order dialog
- Set Order Actions





6.2.5 Trailing Stop

To place a stop loss order

- Select PLACE BID or PLACE OFFER
- Select Trailing Stop order from dropdown list on the new order dialog
- Set Order Actions

6.2.6 Market

To place a market order

- Select PLACE BID or PLACE OFFER
- Select market order from dropdown list on the new order dialog
- Set Order Actions

6.2.7 Time Slice

To place a time slice order

- Select PLACE BID or PLACE OFFER
- Select Time Slice order from dropdown list on the new order dialog
- Set Order Actions

6.2.8 Iceberg

To placeaniceberg order

- Select PLACE BID or PLACE OFFER
- Select iceberg order from dropdown list on the new order dialog
- Set Order Actions

6.2.9 Peg

To place a peg order

- Select PLACE BID or PLACE OFFER
- Select Peg order from dropdown list on the new order dialog
- Set Order Actions











6.2.10 OCO - One Cancels Other

To place an OCO order

- Select PLACE BID or PLACE OFFER
- Select OCO order from the dropdown list on the new order dialog
- Set order actions for each leg. Only the rate and market side will be changeable for the second leg

OCO's in the system are always Limits against Stop Losses

Order Type: OCO Order Type: O

6.2.11 IF Done

To place an IF Done order

- Select PLACE BID or PLACE OFFER
- Select IF DONE order from the dropdown list on the new order dialog
- Set order actions for each leg

IF DONE orders in the System will always be BUY/SELL or SELL/BUY orders

Order Type: If Done ② Currency Pair: USD/CHF Limit: Action: Dealt: Amount: Limit: Buy ③ USD ③ 1M ② 0.93906 ② If Done Order (Limit) Action: Dealt: Amount: Limit: Sell ④ USD ④ 1M ② 0.93893 ③ Expiry: GTC ④ Dismiss Send Order

6.2.12 IF DONE then OCO

To place an IF Done OCO order

- Select PLACE BID or PLACE OFFER
- Select IF DONE OCO order from the dropdown list on the new order dialog
- Set order actions for each leg

IF DONE OCO orders in the System will always be BUY/SELL or SELL/BUY orders. The first leg of an IF DONE OCO will be the active leg. The OCO only becomes active when the first leg is filled



Other order types are available and can be installed by your support person.

6.3 Quick Order Entry

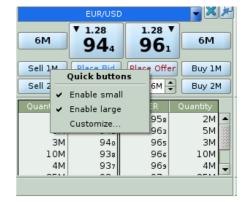
You can use the Quick Order Entry area on the main application screen to enter an order.



7 Modify the Pods Display

Right Click on a Quick button, to open a menu and select your layout.

Unclick Enable Small (when checked)tohide the top row of buttons.



Unclick Enable Large (when checked)tohide the bottom row of buttons.

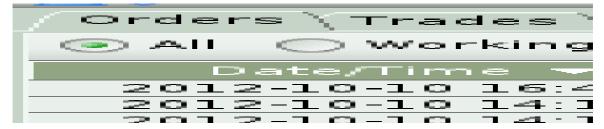


Unclick both (when checked)tohide both rows of buttons



8 Trade Blotter

The Trade blotter in the application can be docked in the main panel, popped out for separate manipulation or added as another TABBED view using the application add a new TAB option.



These are the main Trade Blotter column headers and descriptions:

Date/Time: Date and Time order placed / trade filled

Order/ Action: Lists the order number and current status of each leg of order

Fill: Shows the actual fill of the order

Type: Lists the order type. I.e. Limit, Stop Loss, OCO, Time slice etc

CCY Pair: Currency pair for the order / fill

Value Date: Displays the value date of the currency pair traded

Side: Buy or Sell

Size: Size of Order placed CCY: Currency traded

Limit: If order is a limit then the Limit rate will appear here

Fill Price: Avg. Fill price

Tot Fill: Shows the total amount filled for the leg

Fwd Points: Basis points added or subtracted from spot to determine the forward rate **Fixing Date:** NDF date on which the difference between Market and Exchange rate is

calculated

Stop: If the order is a stop then the stop price displays

Mkt Side: If the order is a Stop Loss this shows the trigger side BID/ASK

%Fill: Displays % fill of an order. Each leg will be 100% but the parent will show

as a total how much of order is filled

Fills: Displays the number of completed fills associated with the order **Expiry:** Shows what expiry is set on the order i.e. LDN close, NY close, Sing

Close, custom or GTC

8.1 Order Blotter

Orders that display in the blotter can be filtered and sorted.

8.1.1 Sorting the Order Blotter

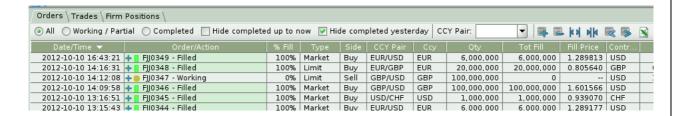
To sort the order blotter click the column header of the column you wish to filter by.

When a column displays an arrow pointing up, column will sort ascending. Arrow Pointing Down will sort descending.



8.1.2 Filtering the order blotter and View Controls

The filters and view controls appear at the top of the Orders blotter

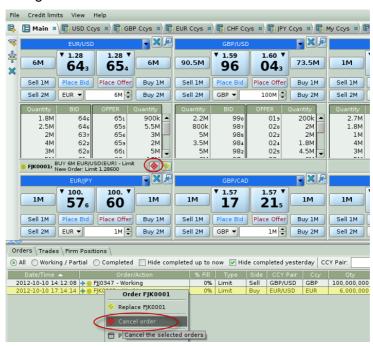


- All: Shows all orders
- Working / Partial: shows orders that have partial fills or unfilled
- Completed: shows orders that are completely filled
- Hide completed up to now: hides all completed orders up to the specific time
- Hide completed yesterday: hides all of yesterday's completed orders
- CCY Pair: Order blotter can be filtered by entering a currency pair egg: EUR/USD will show only EUR/USD orders
- +Expands all detail of all orders in the blotter
- Collapses all details in the order blotter back to summary row information
- Fit to width / User defined width: autofits columns for order blotter
- Import
- Export
- Save to spread sheet

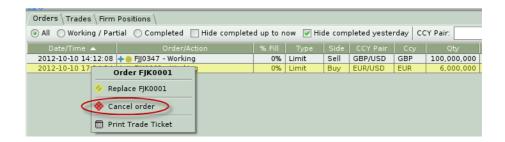
9 Cancelan Order

An order can be cancelled in three ways.

1. Cancel from currency pod – aslong as last action was placing order. Double click on the red triangle to cancel an order.



Cancel the order using a right click after selecting the order in the order blotter. After selecting this option the system will prompt you to confirm that this order is to be cancelled



3. Double click on the **Cancel All** option button to cancel all outstanding orders in the system. A prompt will appear to confirm that you want to delete all orders.

9.1 Change / Replace an Order

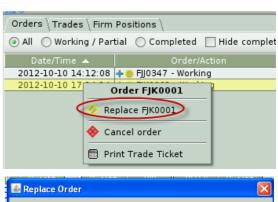
To change an order in the system, right click to open up a replace dialog box very similar to the original order box that was used to place the order. The items that can be replaced in an order will be highlighted

The example here shows a replace for an IF DONE OCO

To Replace an order

- 1. Right click on the order to modify
- 2. Fill in box with details you need to change i.e. rate, amounts etc
- 3. Click Replace Order

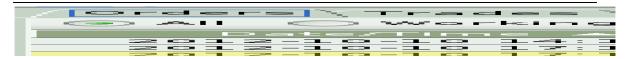
NOTE: When an order is replaced the order number on the order will change. This is reflected in the audit history in the blotter and can be followed by expanding the order





10 Blotter Tabs: Orders, Trades, Firm Positions

10.1 Orders Tab

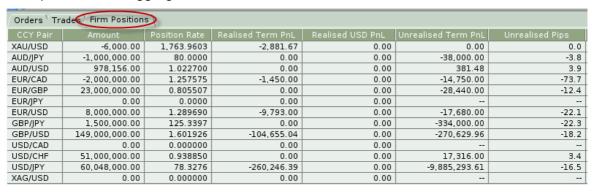


10.2 Trades Tab



10.3 Positions Tab

Firm positions are aggregated on that blotter tab.



11 Application Menus

11.1 File Menu



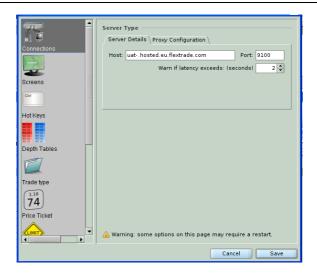
- Edit Preferences Allows you to set global preferences for the application
- Load Settings Allows a user to load the TAB layout from a previously saved state
- Save Settings Allows a user to save existing tabs in a file
- Change Password allows a user to change their password

11.2 Edit Preferences

11.2.1 Connections

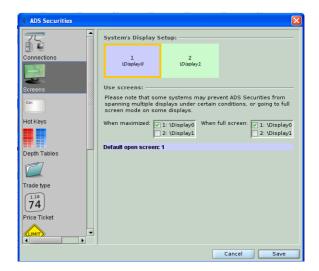
The connections tab contains all the required server information for the application to connect and authenticate a user for FX spot trading

Host and port information needs to be obtained from your local support representative



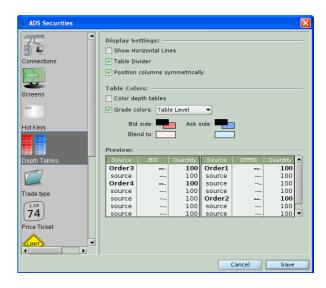
11.2.1 Screens

This setting allows you to configure of multiple screens



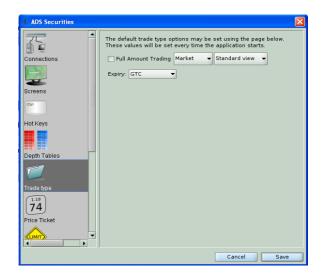
11.2.2 Depth Tables

The screen enables you to design the way you like the depth table to be displayed. This includes the grid lines, colour of the Bid and Offer depth tables and if you wish to include a gradient on those colours.



11.2.3 Trade Type

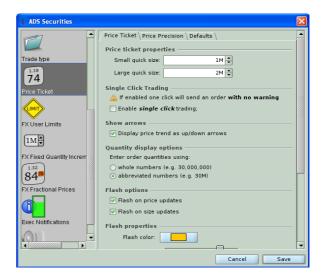
This screen allows you to set the default trade type and view for each time you start the application.

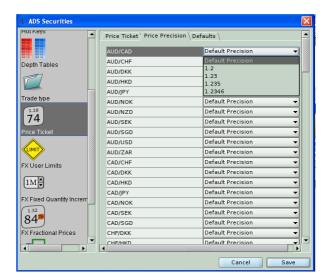


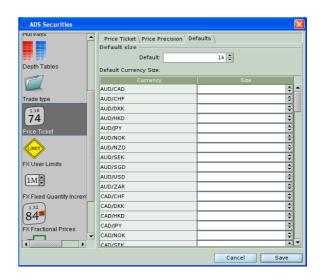
11.2.4 Price Ticket

The Price ticket section allows a user to change

- Price Ticket Properties
 - Small Quick Size Large Quick Size control quick buttons on price pods
- Enable Single click trading
- Single Click Trading This will turn on single click trading.
 Trading buttons will now require a single click to trade. A warning displays when system is in single click mode and the cursor will change
- Flash Options / Properties –
 Select how you want the price
 buttons to react on a price
 change and the colour that
 displays

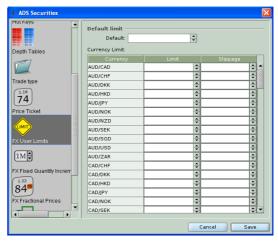




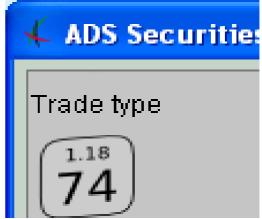


11.2.5 FX User Limit

This section allows the users to set a maximum limit per CCY pair that can be sent in a single order. Using the default you are able to set this value across all pairs. Additionally you can set the slippage tolerance per CCY pair

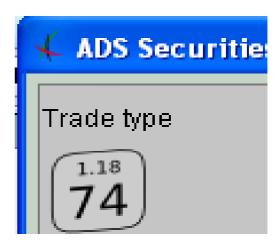


11.2.6 FX Fixed Quantity Increments



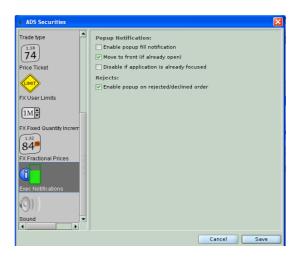
11.2.7 FX Fractional Price

This section will allow you to choose the precision you require in the price ladder and when changing the new order price.



11.2.8 Exec Notifications

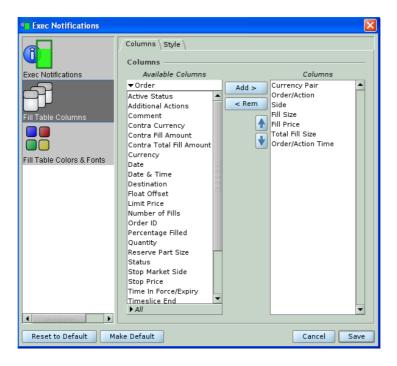
This dialog relates to the default settings that can be set for popup notifications within the system.



By clicking on **Enable Pop up fill notifications**you will be able to view your fills in a floating dialog box.

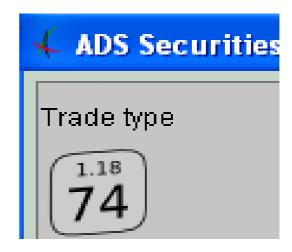


By right clicking on the gear icon in the top right of the view you can open a dialog to manage the columns displayed in your notifications and the colors and fonts shown on the pop up.



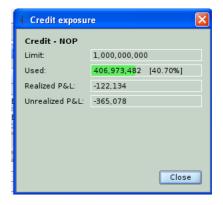
11.2.9 Sound

Use this option to select the sound that is played on a fill.



11.3 Credit Limits

By selecting the Credit limits and choosing view credit remaining, a dialog box will appear to display the credit status of your account



11.4 Help

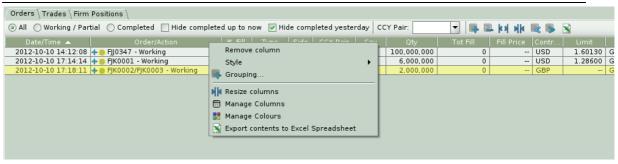
11.4.1 Contact info

This will launch a web browser and display contact information

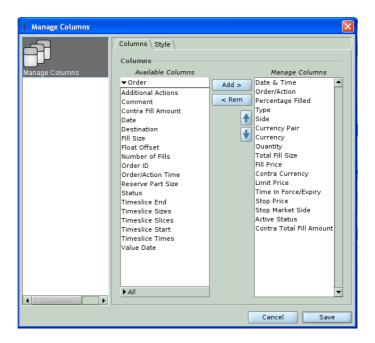
11.4.2 Save Logs

The Save logs feature allows a user to save the system log files down to a file for analysis by a first level support person. Instructions on how to save the logs appear on the dialog box

11.5 ManageColumns

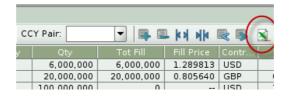


Right click on a column header and click on **Manage Columns** to open a dialog to select the columns to be displayed and their styles.



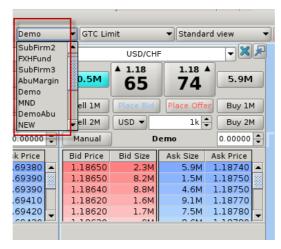
11.6 Export trade details to Excel

Click on the excel icon at the far right to export details to a file to use in Excel.



12 Sales Trading "On Behalf of"

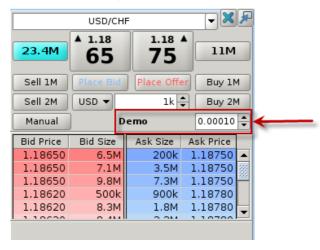
When enabled, each sales trader has the capability to trade "On Behalf of" each client they are permissioned for.



The list of permissioned clients appears as a drop down menu on the top tool bar. The prices on the pod mimic the prices that the selected client sees.

12.1 Add Additional Spread

The sales trader can add additional spread to the trade, above the streaming price.



To do this, click in the field to the right of the "On Behalf of Client" (Demo) and enter the additional spread amount in the field, as shown.