



ADMIS Hong Kong Limited

ATrader 7.5

Quick Reference Guide

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Welcome to ATrader 7.5

ATrader is a trading system that enables you to trade, in real time with pre-trade risk management, futures, options and strategies at exchanges throughout the world. ATrader provides multi-exchange, multi-product global connectivity through a single trading screen. ATrader can connect to exchanges over: Wide Area Networks (WAN), Local Area Networks (LAN), leased lines, or the Internet.

ATrader 7.5 introduces global trading functionality. You can now work with a global order book that is shared by your company's different geographical locations. For example, when using ATrader 7.5, an order placed in your London office can be executed in your associated Tokyo office. The various screens of ATrader 7.5 enable easy visual recognition of which exchanges are active and which orders are inactive or expired. ATrader 7.5 removes the restrictions of End of Day processing to allow 24 hours x 6 days global trading. As a global trading ATrader user, you now have a consolidated view of your accounts, order books and positions via the various ATrader screens.

This Quick Reference Guide will get you started on ATrader 7.5. For a full description of all system features and functionality, consult the ATrader 7.5 User Guide.

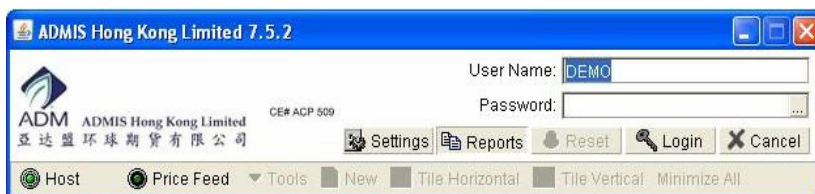
Install ATrader 7.5

ATrader is available in two web-based forms:

- as a **standalone** application. This is sent to you on a CD or in a zip file. You then install it on your computer. Instructions for doing this will be supplied to you separately. You run the standalone version like any other Windows application, either from the Start menu or by double-clicking the ATrader desktop icon. This launches the ATrader Trading Client window.
- as a **hosted web-based** application. Browse to the web page address you've been given for ATrader (using Internet Explorer 5.5 or greater).

Click the graphical link to launch the ATrader Trading Client. The Security Warning pop-up displays, asking for your permission to install and run the ATrader software - click **Yes** to go ahead. You can select the checkbox "Always trust content from Patsystems (UK) Limited" to bypass this message in future. The web-based version is sent to your browser as a Java Applet - your browser settings need to allow this.

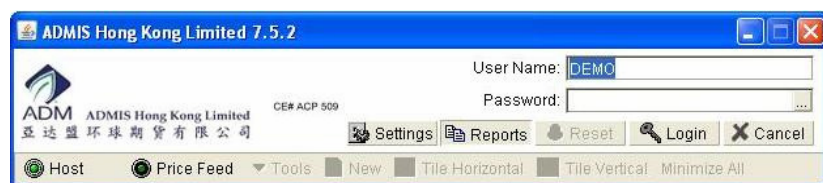
Once ATrader has downloaded, the ATrader Trading Client log in screen displays.



NOTE: if using Microsoft WXP SP2, or a more recent version, with your hosted web based ATrader, the Internet Explorer browser window, bottom status bar displays. To turn OFF this bottom status bar, go to your Internet Explorer Properties, select the Security tab and then ADD the website from where ATrader is launched to the Trusted sites zone.

Login to ATrader 7.5

Once you have launched ATrader the ATrader Trading Client Window displays, example below.



Login to ATrader 7.5

To login to ATrader 7.5 from the ATrader Trading Client Window:

- 1 Enter your User Name (case sensitive).
- 2 Enter your Password.

You must initially enter the password in UPPERCASE if you are migrating to ATrader 7.5 from an earlier version of ATrader.

ATrader 7.5, passwords are case sensitive. Once you have entered your password correctly, you can change it by following the on screen instructions. Note that all passwords should be alphanumeric.

- 3 Click **Login**. For a short while, an 'Initialising Windows... Please Wait' message displays. After you are successfully logged in, ATrader's main screen displays.

Set Up Desktops

You can set up and save a number of different Desktops to suit your trading requirements. For example you could have a 'Bonds' desktop and a Short Term Interest Rates (STIRs) desktop.


ATrader remembers how you arrange the windows in a desktop, and what each one contains. ATrader will always show the Desktop you were last using when you next log in.

To create, rename, copy and delete desktops and windows from the ATrader Trading Client screen:

- 1 Right-click the required desktop (or window) name.
- 2 Select the required option from the pop up menu. You cannot delete a desktop while it has windows open.

To switch between desktops click the required desktop name. The system then saves the setup of the current desktop, closes it and retrieves the newly selected desktop. The newly selected desktop displays its windows and populates them with the appropriate contracts and information.

Minimise Maximise ATrader windows

To minimise or maximise all ATrader windows simultaneously, click on the ATrader System Icon  located on the Windows Taskbar, example below.



ATrader 7.5 Hot Quotes Screen

From the base of the ATrader Trading Client screen click **New** to create a new trading window. The new trading window displays the **Hot Quotes** screen by default. You can use the Hot Quotes screen to execute a range of trading operations e.g. add contracts from the selected exchange, check prices, place orders, use the Trade ticket to buy and sell contracts, purge expired contracts and more.

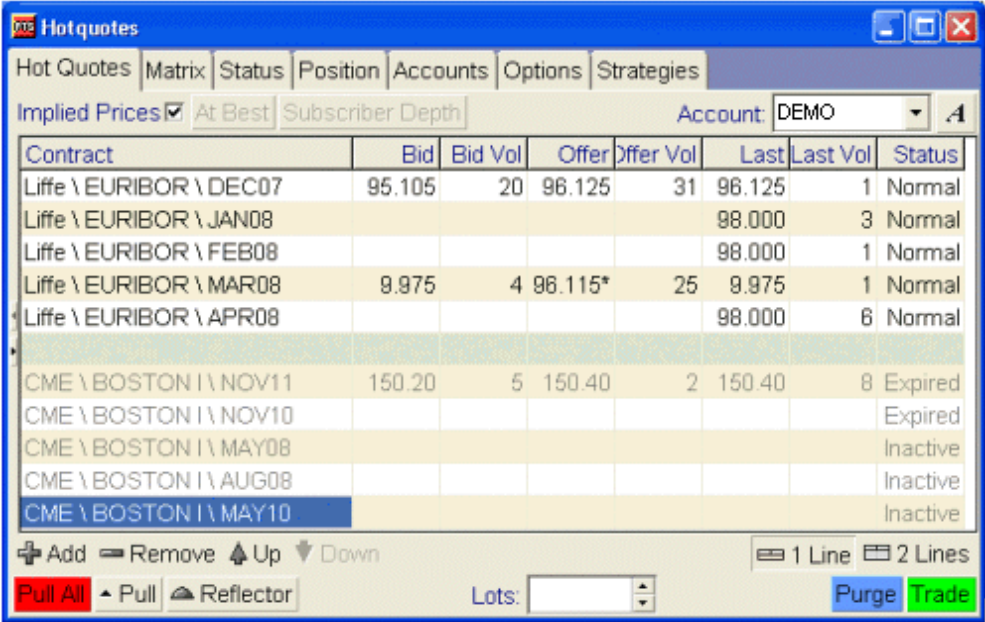
The FX Trade Ticket is only enabled if you are permitted to trade FX. Contact your broker or Patsystems for more information on trading FX with ATrader. The Basis, Block and AA options are disabled from the Trade Ticket if the selected contract does not support these trade types. All of these trading operations are detailed in the sections that follow.

Add contracts

To add contracts to the Hot Quotes screen:

- 1 Open your required desktop and display the Hot Quotes screen.
- 2 Click **Add**, located in the lower left corner of the screen, to display the list of Exchanges you're allowed to trade on or view. The System and Risk Administrator sets up the exchanges you can trade on or view.
- 3 Click the **plus** symbol to open up an Exchange and display the available contracts (only those contracts that the System and Risk Administrator has made available to you).
- 4 Click the contract's plus symbol to display the available maturity dates.
- 5 Highlight the contract(s) you want to trade or view.
 - i. Hold down the Shift key and click to highlight a block of maturities.
 - ii. Use Ctrl+Click to deselect or reselect one in a block.

Press the **Spacebar** to add the highlighted contracts to the Hot Quotes window (or double click a single contract date to add it). The list then closes and the contract(s) display in the Hot Quotes screen. For example, you could set up a screen like this:



To remove a contract that is no longer required:

- 1 Highlight the required contract.
- 2 Click **Remove** (next to **Add**).

Use the **Up** and **Down** arrows to move the highlighted contract up or down the contract list.

You can select the columns to display in the Hot Quotes screen: right-click in the grid of the Hot Quotes screen and click on **Select Columns**. The columns selectable include “YSDP”, i.e. yesterday’s daily settlement price for Connect 9.0 exchanges.

Status

The status of each contract listed in the Hot Quotes screen is detailed in the Status column. The example Hot Quotes screen above shows contracts divided into a status of Normal, Expired or Inactive. The

previous Hot Quotes screen example shows Liffe\Euribor contracts as Normal. The CME\Boston contracts are greyed out as they are Expired or Inactive.

Expired status: a contract whose expiry date has passed or an order that has reached the end of its trading session.

Inactive status: a contract that is not currently usable although it still exists e.g. a quoted instrument during the period when its exchange is closed.

Purge Expired Contracts

When expired contracts display on the Hot Quotes screen, the Purge button (located bottom right of the Hot Quotes screen) becomes enabled. To purge expired contracts from the Hot Quotes screen click **Purge**. This also removes all instances of the expired contracts and their associated orders from the ATrader system.

Place an Order

The following examples use the Hot Quotes screen to place limit and market orders. Before trading, set a volume in the Lots field at the bottom of the Hot Quotes screen - the value set here becomes the default lot size on this window.

Place a Limit Order via the Price Tick Bar

To place a limit order using the Hot Quotes screen Price Tick bar:

- 1 Place the mouse over the Bid (or Offer) Price to display the **Price Tick Bar**. If it does not display, make sure you have set a default Lot size. The SARA administrator may have assigned you a non-tradeable Account. In this case select a different Account, or contact your administrator. Check the status of the Disable Tick Bar checkbox, Settings-General tab.

Bid	Bid Vol	Offer	Offer Vol	Last
93.70	3	93.79	7	93.79
93.66	10	93.67	9	93.70
93.68	6	93.69		93.69
93.88	1	93.94	93.94	93.88
-0.09	7	-0.04	93.93	-0.09
-0.05	3	-0.04	93.92	-0.05
-0.08	6	-0.06	93.91	-0.06
			93.90	
			93.89	

- 2 Click a price in the price tick bar to create a **limit order** for this contract, in the selected trader account, at this price with the default lot size. A Buy (or Sell) order confirmation screen displays.
- 3 Click **Yes** to place the order, or **No** to abandon it.

Note: When a price is clicked (and the Settings, Trading tab, text style checkbox is unchecked) a Trade Confirmation ticket can display even if the default lots quantity is set to zero (the focus of the Trade Confirmation screen is then the Lots box, as below).

Place a Market Order

To place a market order using the Hot Quotes screen:

- 1 Click the Bid (or Offer) Volume. A Sell (or Buy) Trade Confirmation screen for a market order at the default lot size displays, if configured on the Settings-Trading tab.

Bid	Bid Vol	Offer	Offer Vol	Last
11.03	50	11.48	50	10.81
11.08	25	11.11	18	11.11
11.11	50	11.61	50	11.01

- 2 Click **Yes** to place the order, **No** to abandon it. Trade Confirmation screens also offer **Confirm Buy** and **Do Not Proceed** choices. Refer to the section on Trade Confirmations.

Use the Trade Ticket

To display the Trade Ticket and access the full range of order types, highlight a Contract from the Hot Quotes screen and click the **Trade** button (lower right corner of the Hot Quotes screen). A Trade Ticket displays, example below.

By default this is a Buy, Limit order, at the Last Traded price, using your default lot size. To display the trade types available to you click the **Ticket >** button on the Trade Ticket. The trade types available include, Basis, Block, Against Actual, OCO and Cross. To display the order types available for selection, click the down arrow of the Order Type field.

Note that if you are permitted to trade on an FX exchange, you must first select the required contract from the Hot Quotes screen and then click **Trade**. Refer to the Use the FX Trade Ticket section in this guide.

Trade Ticket Summary Features

To change the price on the Trade Ticket (3 methods):

- i. Mouse over the Price field and select from the tick bar.
 - ii. Type a price in the Price field.
 - iii. Click one of the Bid, Offer or Last prices shown on the right of the Trade Ticket. These are current prices, updated in real time.
- To change the Lots size use the numbered buttons located right side of the Trade Ticket. Alternatively, use the Lots field spin buttons to change the Lots size.
 - To prepare an order without submitting it to the exchange select the Create Inactive checkbox. For example, to be ready for an announcement that could affect the market you can create an inactive order. You can then Activate (send) the order at the Status screen when the announcement is made.

- To add a reference that can be used to locate the order use the Reference field (max 20 chars). The reference is retained throughout the day and is available to other traders in the same group. This field displays in the Status screen. The Reference field can be edited post trade, on the status screen.
- To create price or time triggered order types, refer to the section on SyOMS.
- To keep the Trade Ticket open after making a trade, click to remove the tick from the Close After Trade checkbox.
- To create One Cancels Other (OCO) order types, select OCO from the **Ticket** button.
- To create Cross trades, select Cross from the **Ticket** button.
- To create Block, Basis or Against Actual trades, select the trade type from the **Ticket** button.
- To designate whether an order is opening or closing a position on the clearing system, select the Open or Close radio button located beneath the Priority field of the Trade Ticket. This feature is available for outright and strategy orders. For some contracts, when submitting a two legged strategy order (e.g. calendar spreads), the open close indicator can be set for each leg of the strategy. However, to activate this Open Close position feature for two legged strategy orders, a flag must be set in the ATrader properties file.

If you click **Change to Sell** this does **not** change the Price to the Offer price. Use the Price Tick Bar to choose the right price, or click the Offer price shown.

If you attempt to place an order, via the Trade Ticket, or any other screen, without entering a quantity within the 'Lots' box, you will receive a warning message.

Instead of clicking Trade on the Hot Quotes screen, you can set up a Function key to generate the trade ticket. Refer to Assign a function key to Show Buy Ticket and Show Sell Ticket (30).

Trade Confirmation Ticket

To display the Trade Confirmation ticket when trading, use the Settings - Trading tab to select the Show Trade Confirm checkbox.

When you click **Buy** or **Sell** on the Trade Ticket (Lots field completed) a Trade Confirmation screen displays, if so configured on the Settings-Trading tab. When a price is clicked (and the Settings, Trading tab, text style checkbox is unchecked) a Trade Confirmation ticket can display even if the default lots quantity is set to zero (the focus of the Trade Confirmation screen is then the Lots box).

Exchange:	Liffe	1	2	3
Commodity:	EURIBOR	4	5	6
Contract Date:	MAR07	7	8	9
Order Type:	Limit	10	20	50
Lots:	0	100	200	500
Price:	87.000			

A Trade Confirmation screen can also display when you Buy via clicking on prices in the Hot Quotes, Matrix, Reflector or DOM screens.

You can set up the cursor position on the Trade Confirmation screen via the Settings-Trading tab. To configure the cursor positions noted below, the Text Style checkbox located on the Settings-Trading tab must be deselected (i.e. no tick displayed in the Text Style checkbox).

The example below shows the cursor set up to position on **Confirm Buy**. You can also configure the cursor to position on **Do Not Proceed**.

1	2	3
4	5	6
7	8	9
10	20	50
100	200	500
Set to ZERO		

You must click on **Confirm Buy** to place the order or **Do Not Proceed** if you do not wish to place the order.

Trade Confirmation screens provide you with a final opportunity to alter any of the parameters prior to order entry.

Similar screens are presented when you wish to amend or pull an order. For further information on this subject refer to Trade Confirmations (page 31).

To not show the Trade Confirmation screen when trading, use the Settings - Trading tab to deselect the Show Trade Confirm checkbox. Eliminating the Trade Confirmation phase allows you to perform Single Click Trading. Refer to the Single Click Trading (page 32) section.

It is recommended that you do not switch to Single Click Trading until you are completely familiar with ATrader.

J- Trader 7.5 Fill Window

A Fill Alert (popup) notifies you when an order in your Trader Account Group receives a fill. Fill Alerts can be activated via the General tab as described in the General Tab topic. An alternative to fill alerts is to use a Fill Window that displays fill alerts as they are received, in a tabular format. To use the Fill Window select Fill Window from the Tools Menu of the ATrader Trading Client logon screen.

When a Fill Alert is received it displays in the Fill Window, example below.

Order ID	Contract Date	Buy/Sell	Last Fill	Filled Lots	Status	Price	Ref
39368	LIFFE\EURIBOR\Dec06	Buy	10:51:27	46	Fill	97.430	39
39363	LIFFE\EURIBOR\Mar07	Buy	10:51:22	25	Fill	96.910	39
39363	LIFFE\EURIBOR\Mar07	Buy	10:51:21	15	Fill	96.910	39
39359	LIFFE\EURIBOR\Jun06	Sell	10:51:11	34	Fill	96.995	39
39359	LIFFE\EURIBOR\Jun06	Sell	10:51:10	59	Fill	96.995	39
39359	LIFFE\EURIBOR\Jun06	Sell	10:51:10	7	Fill	96.995	39

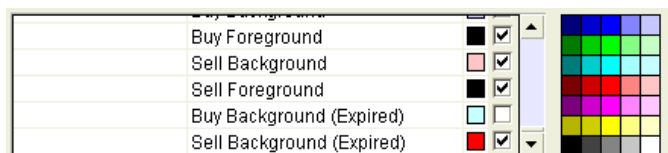
Order ID	Contract Date	Buy/Sell	Chk	Last Fill	Filled Lots	Ing Lots	Status	Price	Reference
39355	LIFFE\EURIBOR\Jun06	Buy		10:51:1	2	100	0 Filled	96.995	
39356	LIFFE\EURIBOR\Jun06	Buy		10:51:1	2	100	0 Filled	96.995	
39367	LIFFE\EURIBOR\Dec06	Sell		10:52:2	2	100	0 Filled	97.440	
39368	LIFFE\EURIBOR\Dec06	Buy		10:51:3	2	100	0 Filled	97.430	
39372	CME EURO\$1GE\Sep06 95	Sell		10:53:1	2	100	0 Filled	0.2750	
39373	CME EURO\$1GE\Sep06	Sell		10:53:2	2	100	0 Filled	95.4900	
39374	CME EURO\$1GE\Sep06 95	Sell		10:53:1	2	100	0 Filled	0.3375	
39377	CME EURO\$1GE\Jul06	Sell		10:53:1	2	100	0 Filled	95.4550	
39378	CME EURO\$1GE\Jul06	Buy		10:53:1	2	100	0 Filled	95.4675	
39382	LIFFE\EURIBOR\Dec06	Sell		11:30:1	2	100	0 Filled	97.465	

As Fills are received they are inserted in the top row of the Fill Window by default and highlighted in red. To acknowledge the fill notification select the order and click Acknowledge Selected. When acknowledged, the order moves from the top of the Messages Window to the lower half of the screen. To acknowledge a range of fill notifications, multi select them (using the keyboard shift key) and click Acknowledge All.

When a further fill is received for an order, the order information displayed is updated accordingly, with new time and fill quantity details. Column Orders in the lower half of the Fill Window can be sorted by clicking on the Column title. You can change the colours used in the Fill Window via the Setting-Display tab.

The above Fill window example shows certain contracts as greyed out. When a fill is deemed inactive (i.e. – it is a part fill of a GTD order), the fill window greys out the fill information in the top half (received fills) and will grey out the order and the associated Fill Summary in the lower half of the screen. Both inactive and expired fills can display on the Fill window. To clear expired fills from the Fill window and ATrader system use the Purge button.

You can use the Settings-Display tab to configure the colours of the Buy Background (Expired) and Sell Background (Expired) contracts, as in the example below.



Depth of Market

To launch the Depth of Market (DOM) screen, example below, double-click a contract month from the Hot Quotes screen.

Bids			Offers		
Price	Volum	Accum	Price	Volum	Accum
97.000	168	168	97.010	75	75
96.995	816	984	97.020	33	108
96.990	719	1703	97.025	50	158
96.985	830	2533	97.030	158	316
96.980	813	3346	97.035	137	453
96.975	657	4003	97.040	208	661
96.970	546	4549	97.045	406	1067
96.965	532	5081	97.050	316	1383
96.960	420	5501	97.055	454	1837

The DOM screen displays all bids and offers in the market in real time, with the best ones at the top of each list. Up to twenty bids and twenty offers can display in the DOM screen.

To create a **Limit** order at your **default lot size** you can click:

- a price (trade at that price)
- **Hit** (sell at bid)
- **Ask** (join the offer at current best offer price)
- **Bid** (join the bid at current best bid price)
- **Take** (buy at offer)

The Accum column shows the accumulative volume - this is the number of lots available in the market now, up to (or down to) the price shown.

To create a **Limit** order for the number of lots shown in the Accum. column, at the price shown, click the appropriate value in the Volume column.

To create a **Market** order for the number of lots shown in the Accum. column, click the appropriate Accum. value.

To disable all trading functionality from the DOM select the Disable trading checkbox i.e. click to add a tick to the checkbox. This disables **Hit**, **Bid**, **Take**, **Ask** and the inter-cell options.

To activate all DOM screen trading functionality, click to remove the tick from the Disable trading checkbox.

To change the order of the 'Price', 'Volume' and 'Accum' columns on the DOM screen Click and Drag the column headings.

When a price is clicked (and the Settings, Trading tab, text style checkbox is unchecked) a Trade Confirmation ticket can display even if the default lots quantity is set to zero (the focus of the Trade Confirmation screen is then the Lots box).

Use Patsystems Reflector

To launch the Patsystems Reflector™ screen, highlight a contract month from the Hot Quotes screen and click the Reflector button located at the base of the Hot Quotes screen. If the Reflector button does not display on the Hot Quotes screen, check the Patsystems Reflector™ configuration on the Settings-Display tab of ATrader. Also, consult your SARA administrator to determine that your User Role is set up for using Patsystems Reflector™. The Patsystems Reflector™ screen can also be launched from other trading screens. An example Patsystems Reflector™ screen is shown below.

The screenshot shows a trading interface window titled "Liffe \ EURIBOR \ MAR08 (1) - 2025 Lots Tr...". The window contains a table with columns for "Buy Mkt", "Bid", "Offer", and "Sell Mkt". The "Bid" column is shaded blue, and the "Offer" column is shaded red. A horizontal split bar is visible in the center of the table. Below the table, there are controls for "Price", "Go", "Acc", and "Demo". At the bottom, there are buttons for "Pull", "Bids", "All", and "Offers".

Buy Mkt	Bid	Offer	Sell Mkt
	96.800		
	96.795		
	96.790		
	96.785	23	W 23
	96.780		
	96.775		
	96.770		
	96.765	320	W 320
	96.760	189	W 189
W 368 F 23	368 23	96.750	
W 100	100	96.745	
W 69	69	96.740	
	96.735		
	96.730		
	96.725		
	96.720		
	96.715		

Overview

The Patsystems Reflector™ dynamic price ladder, in the central column, automatically moves in response to a change in the market. The dynamic movement of prices maintains the current best bid and best offer either side of the horizontal Split bar (which is configurable) in the centre of the Patsystems Reflector™ screen. In the adjacent Patsystems Reflector™ example:

The blue price is the current best bid.

The red price is the current best offer.

The last traded volume displays in green, in the price column adjacent to the last traded price.


The columns under Bid and Offer display the Working and Part Filled orders for the Trader Account selected in the Account field at the base of the Patsystems Reflector™ screen.

The Buy Mkt button allows you to place a buy market order for the volume specified in the lots box.

The Sell Mkt button allows you to place a sell market order for the volume specified in the lots box.

Enter an Order (Hold Prices feature)

To enter an order you can either:

- 1 Click on the bid/offer display column to enter an order at the price level adjacent in the Prices column or
- 2 Turn on the hold prices feature by clicking on the Right arrow button  located lower right of the Reflector™ screen to display the settings window.

When the hold prices feature is activated, moving the mouse over the required price temporarily retains the price associated with the location of the mouse at the time the mouse is first placed in that location.

While the selected price is held, other prices in the dynamic price ladder continue to move. A user can then enter the order at the previously held price, irrespective of movement in the price ladder.

Hold Prices

In the example below the user has hovered the mouse over 760.0. Moving the mouse over 760.0 temporarily holds the price. Moving the mouse off the price releases the held price. The user elects to hold the sell price of 760.0. The price ladder remains dynamic and subsequently moves in response to a change in the market.

Enter an Order

The user can enter an order at the held price (760.0) regardless of changes in the underlying market and regardless of any changes to the price ladder, by clicking on the held cell, e.g. click on 760.0 to enter an offer price of 96.760.

Buy Mkt	Bid	↕	↔	Offer	Sell Mkt
		96.790			785 ^{WV 23}
		96.785		23	
		96.780			
		96.775			
		96.770			765 ^{WV 320}
		96.765		320	760 ^{WV 189}
		96.760		189	
		96.755			
		96.750		131	
W 69	69	96.740			
	100	96.735			
	100	96.730			

Hold Orders

Holding Working orders enables you to easily amend/cancel orders. To hold Working orders, move the mouse into the (white) Working Orders Column. The selected Working Orders Column becomes locked. The Working orders are now frozen and will no longer move up or down the column in horizontal alignment with their associated price. The cell of each working order now displays two items: the price at which the lots are working and the order quantity. The Patsystems Reflector™ example below displays three working orders, one example being a working offer quantity of 189 at a price of 96.760.

Buy Mkt	Bid	▲	▶◀	Offer	Sell Mkt
				23	785 ^{WV 23}
				320	765 ^{WV 320}
				189	760 ^{WV 189}
				96.750	131

The screen example below shows how the price ladder has moved but the working orders have been held.

Buy Mkt	Bid	▲	▶◀	Offer	Sell Mkt
					785 ^{WV 23}
				23	
					765 ^{WV 320}
				320	760 ^{WV 189}
				189	
				96.750	131

You can now select the locked order to amend or cancel/pull the order. To pull a working order left click on the order itself. To amend the price of a working order, right click, then drag and drop the working price in a new price location on the price ladder. The working order price amends to the adjacent price displayed in the middle column. When amending an order to the inside market, simply continue to move the order downwards (sells) or upwards (buys) until the inside market amend tick bar appears. Releasing the order at the price required amends the order.

Fixed Price Amendment

Amend with Fixed Price Amendment Enabled

If you do not wish to drop an order at the price level adjacent, the ‘Fixed Price Amendment’ option can be turned on. Use the ATrader Settings-Reflector tab to select the Fixed Price Amendment checkbox.

As an order is amended to a new price, a price display appears adjacent to the order as it is dragged to a new level. For each level passed, this price display will amend by a tick. Releasing the order will amend the order to the new price level. Refer to the example below.

	97.015		97.020	100	W 100
W 100	010	100	97.010		

To amend the working order quantity, right click on the working order to display the lot size tick bar and select as required. To cancel a working order, left click on the working order volume.

Amend with Fixed Price Amendment Not Enabled

Use the ATrader Settings-Reflector tab to de-select the Fixed Price Amendment option (checkbox not ticked). To amend the order price right click on the required order to display the price amendment tick bar. Refer to the example below. Use the price amendment tick bar to amend the order to the required price. To amend the working order quantity, right click on the working order to display the pop up volume tick bar and select as required.

	97.025		97.040	55	W 55
	97.020		97.035	25	W 25
	97.015		97.030	443	W 443
	97.010				
W 231	005	231	97.005		

Inside Market Feature

The Inside Market feature of Patsystems Reflector™ displays the prices between the Bid and the Offer (if and when such an inside market exists). Prices display from the best bid or offer.

When an inside market exists the central bar will flash (the number of flashes, time between flashes and the flash colour are all configurable).

To display the inside market prices move the cursor onto either the best offer volume (to sell) or best bid volume (to buy). The inside market price displays as an inside market price tick bar.


The Patsystems Reflector™ example below displays the inside market prices between 97.985 and 98.005 (in an inside market tick bar).

			98.040		
			98.035		
			98.030		
			98.025	140	W 140
			98.020	89	W 89
			98.015	37	W 37
			98.010	25	W 25
W 34	34	980	97.980		
W 154		154	97.975		
W 200		200	97.970		
W 25		25	97.965		
			97.960		

To hide the inside market display, move the cursor off the previously selected cell, or press the keyboard Ctrl key.

You can display up to 15 inside market prices (the number of inside market prices to display is set from the Reflector Tab).

Display Stop Orders

To display a summary of Stop Orders and last traded prices click the Right Arrow button  at the top right of the Reflector™ screen. An additional section of the Patsystems Reflector™ screen displays. Refer to the example below. All stop orders that relate to the Trader Account on the Reflector™ screen now display. You can cancel or amend the price or volume of working stop orders.



Reflector Summary Features

To enter an order using the inside market:

- 1 Mouse over the best offer or best bid quantity. The inside market tick box displays.
- 2 Click to select the required price. The order i.e. the number of lots in the Lots box, is entered and displays in the Working column.


To amend the price of a working order using the inside market tick bar:

- 1 Right click the Working order.
- 2 Drag the Working order to the cell adjacent to the best bid or offer price, as appropriate. The inside market tick bar displays.
- 3 Select the required price.
- 4 Release the right mouse button. The price is amended. To hide the inside market tick bar at any time press the keyboard Ctrl key.


To amend an order without using the inside market feature:

- 1 Use the ATrader Settings-Reflector tab to select the Fixed Price Amendment checkbox.
- 2 Select the order that is to be amended.
- 3 As an order is amended to a new price, a price display appears adjacent to the order as it is dragged to a new level. For each level passed, this price display will amend by a tick.
- 4 Releasing the order will amend the order to the new price level.

To display and amend inside market stop orders:

- 1 Click  located top right of the Patsystems Reflector™ screen. This expands the screen to display all inside market stop orders. A range of last traded prices also displays.
- 2 Left click on the price and/or volume of the stop order.
- 3 Select from the associated (price or volume) tick bar to amend as required.

To select Patsystems Reflector™ settings:


- 1 Click the Right Arrow button  located lower right side of the Reflector™ screen. The Settings pop up window displays.
- 2 Click to select or deselect the Reflector settings as required.
Note that the default Patsystems Reflector™ settings, Hold Orders, Hold Prices and Indicate Orders Outside Display, can be selected from the Settings -Reflector tab itself.

To configure the Bid Offer Split Bar:

The horizontal bar that divides the bid and offer sections of the Patsystems Reflector™ screen can be configured by colour, width and the number of times that the bar flashes when data changes in the inside market. Use the ATrader Setting-Display tab to select a display colour for when there is and when there

is not an inside market present. To configure the bid offer split bar for all other options use the ATrader Settings-Reflector tab.

To use the Scroll Buttons: 

The Patsystems Reflector™ scroll buttons (example above) are located top and bottom of the screen. They become active, changing to a yellow colour, when Working orders for the current Trader Account are outside the current display area. To re-centre on the bid / offer horizontal divide bar click . Scrolling keyboard shortcuts for this functionality are: Alt + C to centre, Page Up and Page Down to scroll full Patsystems Reflector™ screen.


To place Limit and Stop Orders:

- 1 To place a Limit Order click the bid or offer cell next to the price you want to trade at.
- 2 To place a Stop Order right-click the required bid or offer cell.


To Pull Orders:

To pull orders use the Pull buttons located lower part of the Patsystems Reflector™ screen. Note that the Pull orders button only pulls orders from the selected Trader Account that displays on the Reflector™ screen.

To change Font Attributes:

To change the font attributes of the Reflector™ screen click .

To quickly Go to a Price:

To go to a specific price on the Reflector™ screen type the required price in the Price: field located lower part of the screen , and click Go.

To view Current P & L:

The current profit and loss figure displays in the lower right of the Reflector™ screen.

To view the Net Position:

The Net position displays in the lower left of the Reflector™ screen.

To Flatten a Position:

To flatten your position with a single trade select Pull and Flatten to set the lot size to the absolute value of the Net position.

To view Implied Prices:


To switch implied prices on or off use the Implied checkbox. If the Implied checkbox is selected then an asterisk displays next to an implied price.

To set the number of price digits to display:


From the ATrader Settings-Contract tab, select the Reflector tab (at base of Contract tab screen) to display the Hold Price and Hold Order Ticks columns. Use the Hold Price Ticks column to enter a number that will represent the number of Price digits to display in the Price Column of the Reflector™ screen. Use the Hold Order Ticks columns to enter a number that will represent the number of price digits to display in the order column of the Reflector™ screen. Note that the number or price digits you

are able to display are ultimately determined by the exchange-contract you are trading in e.g. LIFFE \ FTSE 100 as opposed to eCBOT\ TNOTE10.

To place a BUY market order for volume specified in Reflector™ screen lots box

Click  located top left of the Reflector™ screen.

To place a Sell market order for the volume specified in the Reflector™ screen lots box

Click  located top right of the Reflector™ screen.

ATrader 7.5 Matrix Screen

the Exchange and Instrument. Then click **Contracts** to populate the Matrix screen. Once you have set the Lot Size, you can trade the outright and trade the spread. The prices shown are bid, offer and last, with the volumes underneath. Implied Prices and Implied Volumes are shown with an asterisk*.

To only display explicit prices, click to remove the tick from Implied Prices . Enter Limit and Market orders as on the Hot Quotes screen i.e. hover the mouse over the bid (or offer) price and use the tick bar for a Limit order; click the bid (or offer) volume for a Market order.

To display the Depth Of Market window click the Last Traded volume or the Contract Month.

To see the price history for this contract date (last 20 trades) click the Last Traded price.

To change the default size of the characters displayed in the Matrix screen, use the Price Width (chars) spin arrows.

ATrader 7.5 allows inactive and expired contract dates to be added to the Matrix screen. However as there is no price activity for such contracts, they are not tradable. Click **Purge** to remove expired contract dates from the Matrix screen and the ATrader system.

	353	13	95	89	14
00	95.415	95.400	-0.440	-0.420	-0.420
1	24	9	72	353	13
	Jun07				
			94.935	94.950	94.935
			588	23	25
				Sep07	

Price Width (chars): 5 Default

Purge **Trade**

Use the ATrader 7.5 Screens

This chapter provides details on the Status, Position and Matrix screens and includes information on the Strategy Calculator which is only available to certain user roles.

ATrader 7.5 Status Screen

The Status screen, example below, is like an Order Book. Use the Status screen to check the status and progress of all Working, Filled, Completed, Expired and Inactive orders in your Trader Account Group. By default it shows orders for All accounts (in the Trader Account Group). To display the orders for one specific account, click the down arrow of the Account field and select the required account.

The screenshot shows the 'Order book' window with the 'Status' tab selected. The 'Account' dropdown is set to 'DEMO'. The 'Working (16 Orders)' section is active, displaying a table of orders. Below it, the 'Completed (12 Orders)' section is also visible, displaying a table of completed orders. The interface includes various navigation and action buttons at the bottom.

D	St	Exchange	Commodity	Contract Date	Buy/Sell	Order Type	Lots	Price
W	C	CME	BOSTON I	NOV10	Sell	GTD Limit	10	150.4
W	C	CME	BOSTON I	NOV10	Buy	GTD Limit	10	150.2
W	L	Liffe	FTSE 100	DEC07 SEP08 SPRD	Sell	Limit	7	3.
W	L	Liffe	FTSE 100	DEC07 SEP08 SPRD	Buy	Limit	7	2.
W	L	Liffe	FTSE 100	DEC07 MAR08 SPRD	Sell	Limit	10	3.

Order ID	St	Chk	Exchange	Commodity	Contract Date	Buy/Sell	Lots	Price	Fill	Num
57160	C		CME	FTSE 100	MAR08 JUN	Buy	6	3.5	0	0
57214	F		CME	BOSTON I	NOV10	Sell	10	150.40	10	1
57213	F		CME	BOSTON I	NOV10	Buy	10	150.80	10	1
57065	BC		CME	BOSTON I	NOV11	Sell	10	150.40	8	1
57064	F		CME	BOSTON I	NOV11	Buy	4	150.80	4	1
57069	R		CME	BOSTON S	NOV10 NOV	Buy	10	3.00	0	0

Note: You can also display Entry Time and Trigger Time columns in both the Working and Completed sections of the Status Screen. The Entry Time column is for all order types. The Trigger Time column is for SyOMS order types.

The upper part of the Status screen shows Working orders, the lower part shows Completed orders. You can select, and work with, orders from both the working and completed sections simultaneously, using the standard Control - Shift keys and your mouse.

In the working section of the above screen example, GTD Limit orders can be seen for the closed CME Exchange – they have been set to Inactive for the duration of the Exchange closure. As the Inactive orders are still valid orders at this time, they display in the Working part of the screen as greyed out. To remove expired contracts from the Status screen and ATrader system, click **Purge**.

Each order has a status code as explained in the table below:

Order Status Codes	Explanation
AP	Amend Pending
BC	Balance Cancelled
C	Cancelled
CH	Cancel Held
CP	Cancel Pending
F	Filled
HO	Held Order
I	Inactive Order
OF	Outstanding Fill
OP	Outstanding Part-Fill
P	Part-Filled
Q	Queued
R	Rejected
S	Sent
W	Working
WP	Working Pending (SyOMS order type)
EC	External Cancelled

To display full order details (Order History) double-click the order, or highlight it, and click **Detail**.

To suspend a Working order, click **Deactivate** (the order stays in the order book, but is removed from the market).

To amend the Price or Lot Size of a Working order, click the Price (or Lots) and select from the tick bar.

To sort all the working orders so that those orders whose prices are nearest to the market/last traded price are at the top of the list, click **Near Orders**.


To change the Trader Account, click the Account down arrow and select a new account from the list. Alternatively highlight the order and click **Amend** to display and edit the account on the order ticket.

To display the Select Columns menu, right click in the status screen and click Select Columns.

To sort orders according to the time an order entered the trading system, click **Last Entered**. The latest order then displays at the top of the Last Entered list.

To identify how an order was submitted and its origin, select the Automatic Price Injection Model column named APIM Code. The code meanings are as follows:

A = Automatic. **M** = Manual. **G** = Generated by the API. **T** = order originates from a conformed 3rd party. **U** = undefined, to be used for exchanges where APIM functionality is not used.

 The Filter buttons (Working and Completed sections of the Status Screen) can be used to focus on Orders by exchange, order type, status, lots, account and other factors.

Pull Orders

To pull a Working, Inactive or Part Filled order using the Status screen, click the red cross ✖ at the right end of the order's row or click [Pull Orders](#). The red cross ✖ acts as a one-click cancel (if conformation windows are disabled).

Alternatively, click [Pull All](#), located bottom left of the Status screen, to pull all such orders.

You can only pull orders from your own trader account (as shown in the Account field) that are **Working, Inactive** or **Part Filled** (the filled lots remain in your position, the lots still working get pulled).

Resubmit Orders

From the Status screen you can resubmit orders in situations where this is necessary, such as when an exchange goes down. An exchange going down results in all orders relating to that exchange being rejected (in this situation orders are marked as 'C' on the status screen). Use [Resubmit](#), located at the bottom of the Status screen, to re-enter all your orders and recover your previous working status.

Orders that have been **cancelled**, and display (marked 'BC' or 'C') in the 'Completed' section of the screen, may be resubmitted as new orders by using [Resubmit](#). Selection of orders that have any other status (such as Filled or Rejected) will result in [Resubmit](#) being greyed out.

To resubmit orders ('BC' or 'C'):

- 1 From the Status screen, highlight the orders that you wish to resubmit.
- 2 Click on the [Resubmit](#) button. A pop up displays that offers four selections as detailed below.

Selection	Explanation
Resubmit Balance	Submits an order for which the Lot Size will be equivalent to the unfilled balance of the original order. Please note that this order will be allocated a new Patsystems order number (as opposed to retaining the original order number). Please also note that for any orders that have been cancelled or rejected, with no Lots as yet filled, the new order will be for the same number of Lots as the original order.
Resubmit Total	This creates an order that contains the same number of lots as the original order, irrespective of how many Lots from the original have already been filled. Care should therefore be taken when using this option, particularly when applying it to batches of orders, to ensure that the total number of Lots bought does not end up being significantly larger than the intended order.
Resubmit Balance as Inactive	This results in the submission of a new order, for which the Lot Size is equivalent to the unfilled balance of the original order. This order will be submitted as Inactive, and will be held as such in the Working Order portion of the screen, until such time as it is activated by highlighting it and clicking Activate at the top of the Status screen.
Resubmit Total as Inactive	This creates a new order, for the equivalent amount of Lots as the original order. The order will be submitted as Inactive, and will remain so until activated by highlighting it and clicking Activate .

Filter a List of Orders

You can sort or filter the list of orders in the Status Screen, as described below.


- To sort by a column, left-click on the column heading. Click on the column heading again and the sort order is reversed. An icon displays on a sorted column to indicate both the column and the sort direction.
- To filter the list, right-click on a column heading and select an item from the options that display. For example, to list orders from one exchange only, right-click on the Exchange column and

select the relevant exchange. For some columns, you have an editable field, for inputting ranges and wildcards: e.g., E* for all items starting with the letter 'E'.

The heading of a filtered column changes colour, to indicate that filtering currently applies.

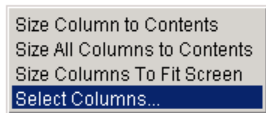
- To restore a filtered list, right-click on any grid cell (not the column heading) and select from the options that display. You can also change the order of columns by dragging their headings to a new position.
- Use the Completed Orders filter button to display the Completed Orders Filter screen, example below, and select filter options as required.

- Use the Working Orders filter button to display the Working Orders Filter screen, example below, and select filter options as required.

- To turn filtering OFF from the Status screen, use the filter OFF button, adjacent to the filter button, .

Display Order Reject Reason

A column is provided within the Status screen that displays the reject reason for an order. To activate this column, right-click on the lower part of the Completed Orders section of the window. The following pop-up window displays:



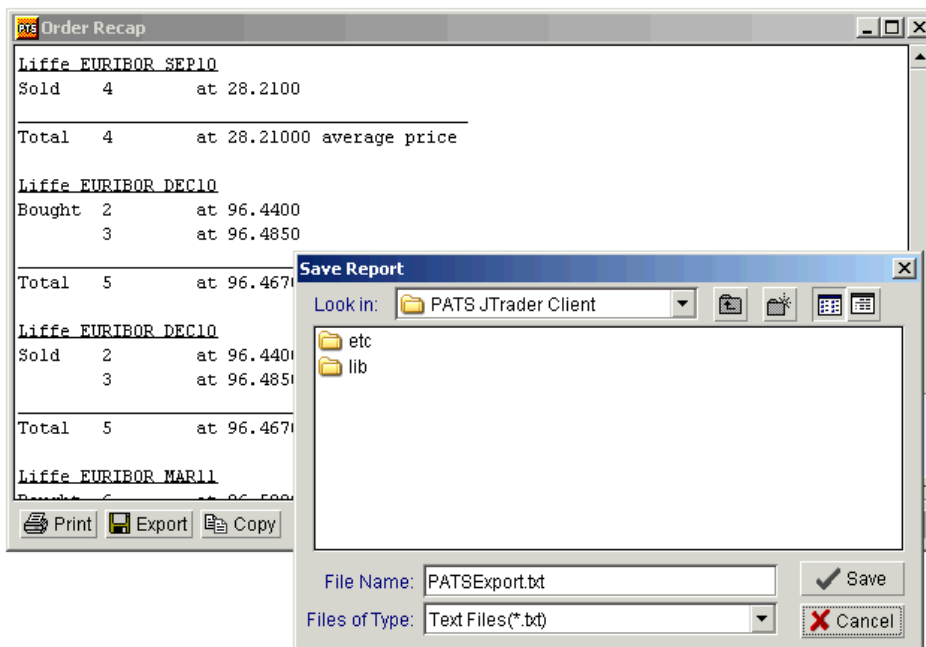
From the above pop up window:

- 1 Click on Select Columns.
- 2 Click to select the checkbox alongside the word Reason.
- 3 Apply this change. The above pop-up window continues to display.
- 4 Click on Size All Columns to Contents. All Reject Reason messages will display in full.

Order reject reason messages shall now display in the Reason column of the Completed Orders section of the Status screen.

Trade Recap

Recap is used when working with the **Completed and Working** orders section of the Status Screen. You can export the data displayed by the Recap screen to a csv file from where the data can be manipulated as required. You can use the Trade Recap functionality even when cancelled or rejected orders are included amongst the orders selected. After you click **Recap** an Order Recap screen then displays together with a Save Report screen.



Complete the Save Report screen and click **Save** to export the data as a csv file. Note that you can also **Copy** the contents of the Order Recap screen to the Windows clipboard and subsequently paste where required.

CSV Export

The **CSV Export** button, at the base of the Status Screen, allows you to choose between two export types:

- Export BOI Order Details
- Export Full Order Details

Select Export BOI Order Details to initiate a standard ATrader Bulk Order Input CSV export.

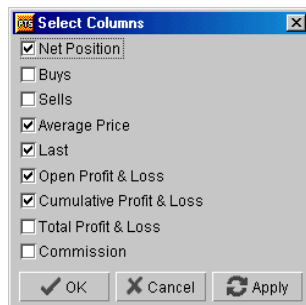
Select Export Full Order Details to export all orders in the Working section of the Status screen in CSV file format. Only valid orders are exported, including OCO order types, in their current state. The number of lots exported for each order is as originally entered for the order.

ATrader 7.5 Position Screen

The Position screen shows the overall position for a trader account. This can be broken down by a range of details including a display of open profit and loss, net position and more. Positions and P&Ls for Contracts are automatically updated after every trade. Detail on the fills making up a position can be obtained by clicking on any of the contracts.

Note: You can display totals in your local currency as well as the system currency. For this function to be enabled, your ATrader Properties file needs to have the following setting: LOCAL_CURRENCY = TRUE.

To display the Select Columns dialog, right-click in the grid of the Positions screen and click on Select Columns. The Select Columns checklist displays.



Use the Select Columns dialog to select the columns to display in the Positions screen, as required, and click **Apply**.

Customise ATrader Settings

Chapter 6

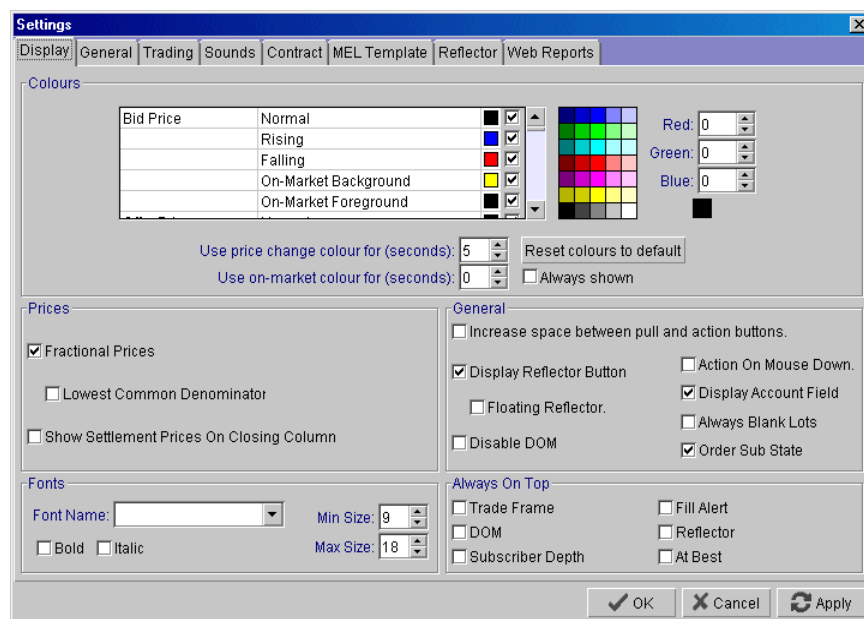
Many aspects of default ATrader behaviour can be customised to suit your own preferences. Once logged in to ATrader, click **Settings** located on the main ATrader Trading Client window. The Settings window then displays.

The following Settings tabs are available for you to work with:

- Display tab
- General tab
- Trading tab
- Sounds tab
- Contract tab
- Mel Template
- Reflector tab
- Web Reports

Display Tab

An example of the Display tab, available from the ATrader Trading Client window-Settings screen, is shown below.



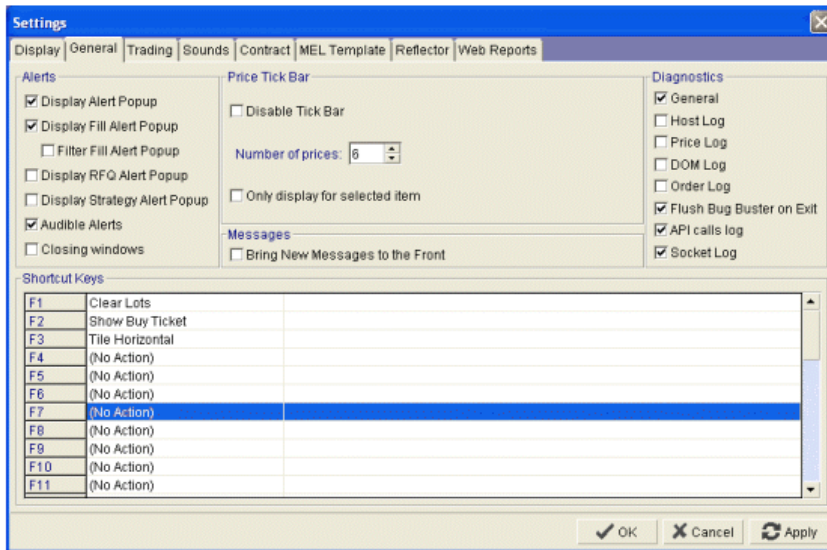
The table below explains core features of the Display tab.

Feature	Explanation
Colours	ATrader features a sophisticated colour scheme for displaying different types of price. It is probably best not to adjust this until you are familiar with ATrader and have a clear idea of what colour scheme will suit you. You can also set the length of time (in seconds) for how long colours for Price Change and On Market (your own placed orders) are displayed.
Prices	If <input checked="" type="checkbox"/> Fractional Prices is ticked, the system shows full fractions for contracts traded in fractions. For example, a contract traded in 32 ^{nds} might have a price of 113 ^{8/32} . If <input type="checkbox"/> Fractional Prices is <i>not</i> ticked, then fractions are shown as the numerator only, without the denominator - for example, 113.08. If Lowest Common Denominator is ticked, then this price would be shown as 113 ¹ / ₄ . If the show settlement prices on closing column checkbox is selected you can display this column by default in the Hot Quotes screen.
Fonts	You can change the font that is used to display prices and screen labels. The Min and Max sizes (in points) specify the range of font sizes used - so if you make the Hot Quotes screen bigger, a correspondingly larger font size will be used. To make reading small figures easier, set a large Min value (make sure the Max is greater than the Min).
Spacing	If ticked, this checkbox increases the space between the Pull and Action buttons at the foot of the screen, to help prevent inadvertently clicking the wrong button.
Floating Reflector	If ticked, this checkbox allows the User to have one Reflector screen per trading window, which when opened will automatically be populated with data relating to any instrument that is highlighted in the Hot Quotes screen. While this window is open, whichever instrument is highlighted in Hot Quotes will appear dynamically in Patsystems Reflector, and will supersede the instrument that was being displayed. If not ticked, multiple copies of the Reflector, each with a different contract, can display.
Disable DOM	Use this checkbox to disable the DOM. Prices can still be viewed via the DOM but trading via the DOM is disabled.
Action on Mouse Down	Provides the option of having a new mouse setting to improve the speed of order entry. If the checkbox is ticked, mouse actions will be performed as the (left) button is clicked down, thus making the action occur more quickly. If the checkbox is not ticked, the mouse actions will only occur as the mouse button is released.
Display Account Field	Displays the Account drop down tab on trading windows. With the Display Account Field checkbox blank, the Account drop down tab does not display on trading windows - it only displays on the Status and Positions screens.
Always Blank Lots	By default, when ATrader is first launched, the Always Blank Lots checkbox is checked. With Always Blank Lots checked, there is no need to manually clear previously entered lots from your trading screen prior to submitting your order. This avoids the possibility of resubmitting a previous Lots amount by mistake.
Always on Top	This lets you choose to keep certain screens permanently visible when open, so that you can, for example, always monitor the depth of market of a certain contract.
Order Sub State	Use the Order Sub State checkbox to display the sub state of an order on the ATrader Status screen. The Status screen displays the order sub-states as a second character alongside the W for Working Order. For example, a SyOMS order type can display as WP for a Working Pending order.

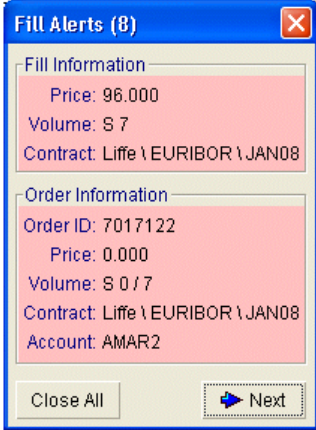

Feature	Explanation
Display Reflector Button	Use the Display Reflector Button checkbox to either display or remove the Reflector Button from your trading screens. With the Display Reflector Button checkbox blank, the Reflector Button does not display on any of your trading screens. With the Display Reflector Button checkbox selected, the Reflector button displays on all of your trading screens.

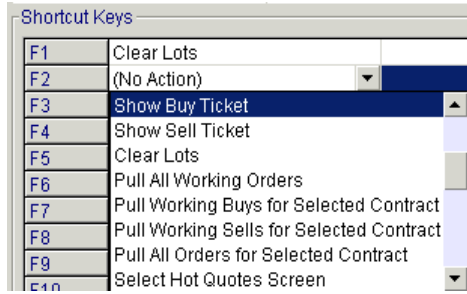
General Tab

An example of the General tab, available from the ATrader Trading Client window-Settings screen, is shown below.



The table below explains core features of the General tab.

Feature	Explanation
Alerts	<p>Switch Alerts on or off via their checkboxes. Display Alert Popup : causes each alert to appear as a popup message e.g. the Fill Alert Popup:</p>  <p>Fill Alert : notifies you when an order in your Trader Account Group receives a fill. Filter Fill : select this if you only want to see fill alerts for your own orders, (this filters by your user ID, not the Trader Account, so you will not see fills for another trader using the same Trader Account). RFQ (Request For Quote): select to display an RFQ alert.</p> <p>A Close All button is provided in each alert window (Fill, RFQ, Message). You can either click through the alerts one at a time, or select Close All to clear them in one go.</p> <p>Audible Alerts : select to create a sound when an alert is received. This will be a simple beep from your computer, or you can specify the .wav file to use, on the Sounds tab. Note that Alerts can also be accessed in the Messages window.</p> <p>Closing Windows : if selected, causes the display of the following confirm/cancel dialog on closing a window:</p>  <p>This is provided primarily to avoid the loss of work whilst configuring templates.</p>
Price Tick Bar	<p>To disable the Price Tick Bar select the Disable Tick Bar checkbox. When disabled the Price Tick Bar does not display on the Hot Quotes screen (or on any other screen). With the Disable Tick Bar checkbox left blank, you can select Only display for selected item, together with the number of prices to display. In this case, the price tick bar only displays for selected contracts. Both of the Tick Bar checkboxes can be left blank.</p>

Feature	Explanation
Messages	Select Bring New Messages to Front to force pop-up alert messages to appear in front of all other windows.
Diagnostics	These should only be used when working with the system administrator to track down a problem. If ticked, log entries will be written to the file PATSDLLtrace.log in the installation directory.
Shortcut Keys	<p>Assign function keys to a range of system actions. For example, if you set F10 to be 'Show Depth of Market', then when you press F10 this launches the DOM screen for the currently highlighted contract. You can assign Shortcut Keys to show a buy/sell ticket or apply any of the other (usual) functions to these keys. Click in the field adjacent to the shortcut key to display a drop down arrow. Click this arrow to display selectable actions for the shortcut key, example below.</p> 

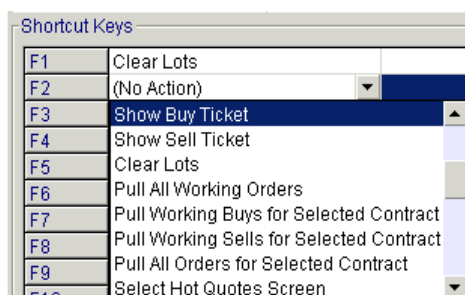
Assign a function key to Show Buy Ticket and Show Sell Ticket

The lower half of the Settings screen - General tab offers a range of configurable Function Keys. Using **F2** -Show Buy Ticket or **F3** Show Sell Ticket, as in the example below, has the same effect as clicking the Trade button.



To assign a Function Key to Show Buy Ticket from the General tab:

- 1 Click in the field adjacent to a Function Key to display a drop down arrow.
- 2 Click this arrow to display selectable functions, example below.



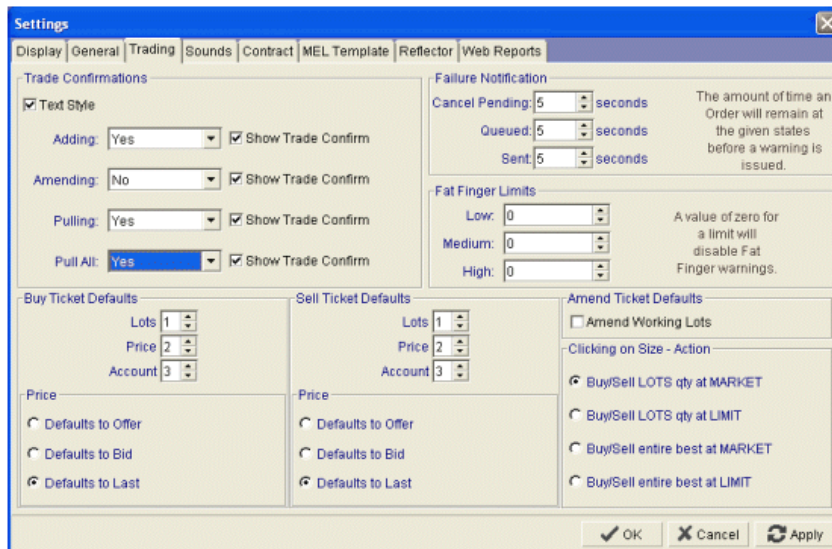
- 3 Click Show Buy Ticket to assign this action to the Function Key.
- 4 Use the same procedure (steps 1-3) to assign a Function Key to Show Sell Ticket.

Trade Settings Screen

You can specify the type of trade to make, in some detail. After selecting Show Buy Ticket or Show Sell Ticket, click the adjacent field to the right - **More ...** displays on the extreme right of the field. Click **More ...** to display the **Trade Settings** screen. With the Trade Settings screen displayed, select the Exchange and all other required parameters. Then click **Save** or **Cancel**. You can set up a range of function keys, each one launching a differently configured Trade Ticket as required.

Trading Tab

An example of the Trading tab, available from the ATrader Trading Client window-Settings screen, is shown below.



The various sections of the Trading tab are described as below.

Trade Confirmations

Use this section of the Trading tab to display a Trade Confirmation screen and define where the mouse will be positioned on this screen. To display a Trade Confirmation screen for when adding, amending or pulling orders or using **Pull All** (orders), select the associated **Show Trade Confirm** checkbox on the Trading tab. To determine cursor position on the trade confirmation screen use the drop down arrow of Adding, Amending, Pulling or Pull All and select as required.

You can use the **Text Style** checkbox, located top left of the Trade Confirmations section of the Trading tab, to display a Confirmation of Order screen, example below.



Use the Adding, Amending, Pulling and Pull All drop down arrow options to determine cursor position on the Confirmation Of Order screen.

Single Click Trading

To speed up the process of trading using the Settings-Trading tab, use the **Show Trade Confirm** checkboxes. These are located alongside each of Adding, Amending, Pulling and Pull All. If a **Show Trade Confirm** box is unchecked, then no confirmation window will be displayed when the corresponding action is attempted. The action will be carried out immediately without requiring any Trade Confirmation. This is single click trading.

It is recommended that you do not switch to Single Click Trading until you are completely familiar with ATrader.

Fat Finger Limits

The Fat Finger Limits section of the Trading tab protects you against inadvertently making an overly large order. The limits are particularly important if you use single click trading. The Low limit represents your normal activity. For example, if you tend to trade 50 lots or less, set the low limit to 50; this will allow a 50 lot trade, but warn you for 51 lots or more (you can still make the trade).



The Medium limit represents exceptional circumstances. You may wish to make a 100 lot trade to reverse a 50 lot position. In this scenario, setting the Medium limit to 100 would allow the trade (Low limit warning still displays). Trading 101 lots or more would first trigger the Low warning and then the Medium warning. You can set the Medium warning to 0 (zero) if you do not want to use it.

The High limit is your maximum lot size - the system will not let you make an order greater than the value you set here. After clicking **Yes** on the Low warning and the Medium warning, the High limit will cut in and prevent the trade.



Note: Fat Finger Limits are local limits only; they do not alter or override the limits imposed on your Trader Account by the SARA.

Customise the Buy/Sell Ticket

The Buy Ticket Defaults and Sell Ticket Defaults sections of the Trading Tab allow you to customise the tabbing order on the Trade Ticket.

Customise the Trade Ticket Tabbing Order

From the Buy Ticket Defaults and Sell Ticket Defaults sections use the spin arrows for Lots, Price and Account to assign priorities 1, 2 and 3 to these three data elements. These numbers determine the order of cursor placement over Lots, Price and Account when pressing the <tab> key.

The data element associated with 1 will be where the focus of the cursor is once the ticket is opened. The Buy Ticket Defaults could be set to the following tab order:

1 = Account field

2 = Price field

3 = Lots field

For Buy or Sell Tickets, after data element 3, hitting <tab> will take you to **BUY** or **SELL**.

Note that if you press the <ENTER/RETURN> key at any time during this operation, you will action **BUY/SELL** even if this is not currently in focus.

Exchange, Commodity and Date can also be modified on the buy sell ticket, but you will need to click into these fields to change the data. You can also access these fields by using the <tab> key when the cursor is on **BUY/SELL**.

Customise the Trade Ticket Price Settings

Use the Price section of the Trading tab to click and select the default price to be displayed in the Buy Trade Ticket and the Sell Trade Ticket. The four options available are:

- Defaults to Offer
- Defaults to Bid
- Defaults to Last
- Use Last Entered Price

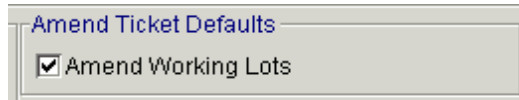
Clicking on Size - Action

Use the Clicking on Size - Action section of the Trading tab to customise the action taken when clicking on the size of a bid or an offer. This customisation will only apply on the Hot Quotes and Matrix screens. The Clicking on Size - Action options are:

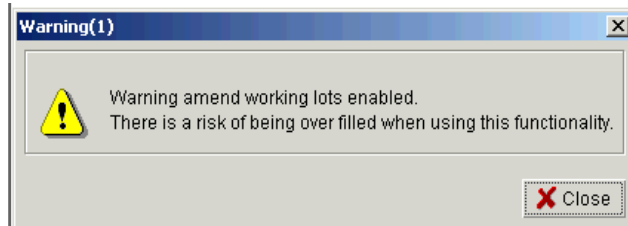
- Buy/Sell LOTS qty at MARKET
- Buy/Sell LOTS qty at LIMIT (using the current bid/offer as the limit price)
- Buy/Sell entire best at MARKET
- Buy/Sell entire best at LIMIT (using the current bid/offer as the limit price)

Amend Working Lots

The Amend Working Lots section of the Trading tab enables you to amend a partial filled order using the Trade Ticket. To activate this feature from the Trading Tab select the Amend Working Lots checkbox, example below.



After selecting this functionality, the following warning displays as a reminder:



To amend working lots from the Status screen, select the required order and then click **Amend**. The Trade Ticket displays with the focus on the Lots box. You can then amend the Lots in the Lots box as required.

Failure Notification

Use the Failure Notification section of the Trading tab to specify the amount of time an order will remain at the given states before a warning is issued. The given order states are: Cancel Pending, Queued and Sent.

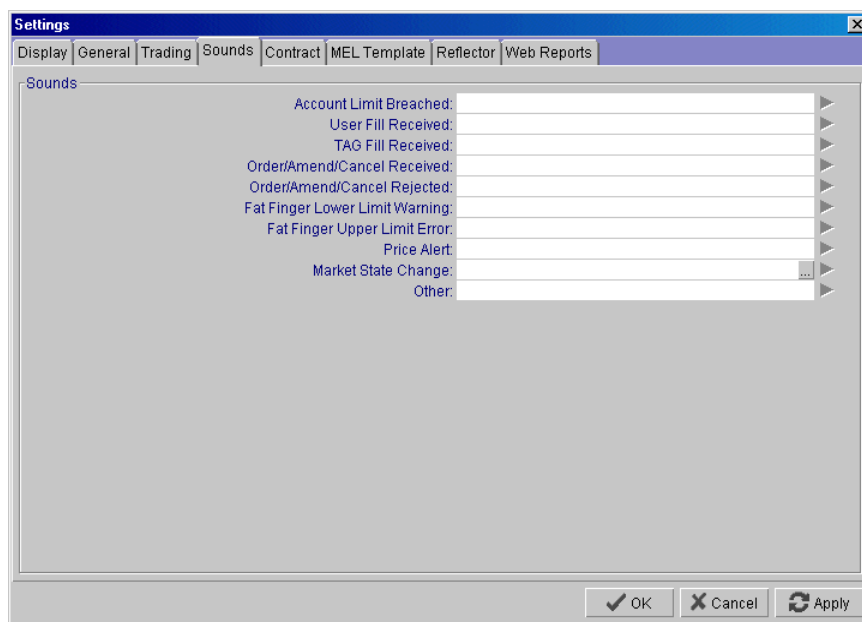
Sounds Tab

The Sounds tab is available from the ATrader Trading Client window-Settings screen. To attach a .wav file to a specific event (from the Sounds tab):

- 1 Click the required event field.
- 2 Click **More...** to display the Select Wav File screen.
- 3 Browse to the location of the .wav file and select it.

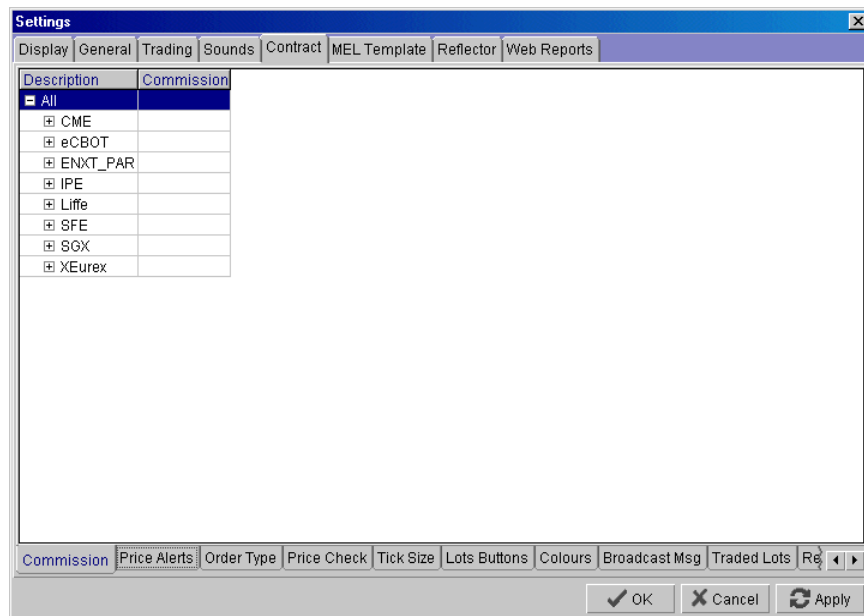
Then, when the event occurs, the system will play the .wav file. To check the .wav file, click the 'play' arrow to the right of the event field.

Note that you can differentiate between a Trader Account Group (TAG) Fill received and a User Fill received sound. Sounds can also set up be for Tokyo Grain Exchange (TGE) market state changes.



Contract Tab

An example of the Contract tab, available from the ATrader Client window - Settings screen, is shown below.



Use the Contract tab to assign properties to the contracts you can trade. For each tab located at the bottom of the Contract tab (Commission, Price Alerts, Traded Lots etc.):

- 1 Select the relevant tab.
- 2 In the tree hierarchy, highlight the item to which you want to assign the property. Position your cursor in the relevant field to specify the required properties, as explained in the table below.
- 3 To save your changes click **Apply**. To close the Settings tab click **OK**.

The tabs are as follows:

Tab	Enter
Commission	Commission fees payable to the clearer for each lot traded.
Price Alerts	Enter the low and high price at which Price Alerts are triggered. The Amend Alert price can be edited via the above pop up, or Alert Off selected to remove the price alert for that contract. Note: Price Alerts can only be specified at the Maturity level, and display only if <input checked="" type="checkbox"/> Display Alert Popup in the General tab is ticked.
Price Check	Enter the maximum number of ticks that a trade can be away from the last traded price. If you try to enter a trade outside this tolerance, the Price Check Alert displays. To carry on with the trade OK the warning pop-up. This feature protects you against entering orders that are too far away from the market. Note: These price check alerts will always be generated, and do not depend on <input checked="" type="checkbox"/> Display Alert Popup in the being ticked.
Order Type	Select the default order type to be used on a Trade Ticket for a particular Exchange, Contract or Maturity. Where applicable, selections include Timed order types which are held by the Synthetic Order Management System (SyOMS) (marked with an exclamation mark !), or locally held by ATrader (marked with an asterisk #) until triggered. Use the Execution Time field to enter the required default time for a timed order type.

Tab	Enter
Tick Size	Select the required Tick Size and Tick Width. Note: The actual tick size for a contract is defined in SARA, a separate application that only your system administrator can use.
Lots Buttons	Enter the required values for the lots number pad. The Lots number pad displays in trade entry screens. Set lots values as applicable according to contracts traded e.g. you may never trade certain contracts with Lots values of 1 through 10 so you can change these lots button values.
Colours	Set up colours for grid cells (Background) and cell text (Foreground). These can apply to an exchange or contract type. To remove a selected colour, highlight the cell and click <u>Default</u> .
Broadcast Message	To receive (enable) Broadcast Messages from an exchange select the exchange's corresponding checkbox. To stop receiving such messages click to remove the tick from the checkbox.
Traded Lots	You can use the Traded Lots tab to set a default lots increment by exchange, contract or contract date. The screen example above shows the default Lots increment assigned for the EURIBOR MAY06 contract. The Lots increment applies to the Lots boxes of all screens. Note that you can overwrite the Traded Lots quantity on the working screen itself.
Reflector	Use the Hold Price Ticks column to enter a number that will represent the number of price digits to display in the price column of the Reflector™ screen. Use the Hold Order Ticks column to enter a number that will represent the number of price digits to display in the order column of the Reflector™ screen.

Reflector Tab

Use the Reflector™ tab, example below, to configure the settings you require for the Reflector™ screen.

Configurable Reflector tab settings include:

Default window size

Set the default Reflector™ screen size (in pixels).

Split Bar

The Split Bar is the Horizontal Bar in the centre of the Reflector™ screen. Best bid and best offer prices display either side of the Split Bar. Set the width as required.

Inside Market Indication Flash

If an inside market is present and the data in the inside market changes, you can configure the Split Bar to flash - in order to alert you to this change Both Flash Interval and Number of Flashes can be set in milliseconds as required.

Fixed Price Amendment Popup


If you do not wish to drop an order at the price level adjacent, click the Fixed Price Amendment checkbox to select it. As an order is amended to a new price, a price display appears adjacent to the order as it is dragged to a new level. For each level passed, this price display will amend by a tick. Releasing the order will amend the order to the new price level. For more information and screen examples, refer to Fixed Price Amendment (page 13).

Inside Market Popup

Select the number of inside market prices to display in the Inside Market Popup. The maximum number is 15.

Select Hide Inside Market in order to not display Inside Market information.

General

The selections made from the General section (Hold Orders, Hold Prices and Indicate Orders Outside Display and Set Protection Levels) display by default at the base of the Reflector screen. Click the Right Arrow button  located lower right side of the Reflector™ screen to display the Settings pop up window, default selections.

Protection Orders

If Enable Flatten (Order Type) is ticked, you can select between a Market and a Limit order type. Then, when using the protected orders section of the Reflector screen, you can click **Pull & Flatten** to pull all working orders and place an order to flatten the current position.

If Enable Reverse (Order Type) is ticked, you can select between a Market and a Limit order type. Then, when using the protected orders section of the Reflector screen you can click **Reverse** to pull all working orders and place an order to reverse the current position.

System Requirements

The following are the minimum system requirements:

Parameter	Value
Processor	1.5GHz or equivalent. Pentium 3 or equivalent.
Hard Disk Drive	50Mb of free HDD space
RAM	1GB
Operating System	Windows NT4/XP and 2000. Note: while ATrader is compatible with Windows Vista, the recommended OS is Windows XP.
Internet Explorer version	5.5 or 6.0
SUN JVM version	1.4.2_11 (minimum)

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