



AyersGTS_LITE

Terminal

Options Manual

By

Ayers Solutions Limited



Amendment History

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1 Introduction

This User Guide provides a step-by-step instruction on how to use the Ayers Global Trading System (“**AyersGTS_LITE**”). The objective of designing AyersGTS_LITE is to assist users to run their trading businesses in a more effective and efficient way with the following user-friendly Graphics User Interface (GUI) functional modules:

- Order Input/Enq.
- Market Data
- Report
- Settings

This user guide consists of following chapters:

Chapter	Description
1	Introduction Introduction of AyersGTS_LITE
2	About AyersGTS_LITE To provides details information on AyersGTS_LITE. The system overview and system standards are explained in this chapter.
3	Getting Started To show how to login and logout of the system.
4	User Interface To cover various user interface functions in the system.
5	Order Processing Input / update / cancel / enquire orders and show client information.
6	Report Describe the usage of reports and it's functionality.
7	Appendix : FAQ



2 About AyersGTS_LITE

AyersGTS_LITE is an Options trading system with comprehensive front-office functionality which can facilitate efficient and effective workflow in the entire trading logistic by being ready to interface with any back-office settlement system, such as various of in-house trading systems and even banking systems.

Designed with the most advanced technology, AyersGTS_LITE is scalable to suit from small to large range of brokerage houses as well as international firms. Moreover, it can be securely deployed as an Intranet application internally and/or as an Internet application externally.



3 Getting Started

3.1 Login

- (a) Switch on computer
- (b) Double click the “AyersGTS_LITE” icon, AyersGTS_LITE login screen will be shown.

The login screen is a window titled "v1.10.5 (R65)". It contains the following fields and buttons:

- Server:** A dropdown menu with "AyersGTS (Testing)" selected.
- User Code:** A text box containing "GTSLITE".
- User Password:** An empty text box.
- Language:** A dropdown menu with "English" selected.
- Login:** A button.
- Exit:** A button.
- TEST (TEST):** A blue hyperlink at the bottom left.
- System Upgrade:** A blue hyperlink at the bottom right.

- (c) Enter User Code and User Password, then click “Login”; or click “Exit” to leave the system.
- (d) If this is the first time that you login to the system, you may be requested to change your password with the following screen.

The "Change User Password" dialog box has a title bar with a standard Windows icon and window controls. The text "Please Change Password" is at the top. It contains the following fields and buttons:

- User Code:** A text box containing "DEMO".
- Old Password:** An empty text box.
- New Password:** An empty text box.
- Retype Password:** An empty text box.
- OK:** A button.
- Cancel:** A button.

- (e) Input New Password followed by the Retype Password, then click “ok” button. The system will change your password with immediate effect.



(f) After Login, the main window will appear.



3.2 Change Password

To change password, click “Setting → Change User Password”.



Input the old password and new password respectively. Make sure that “New Password” and “Retype Password” are the same. Click “OK” to confirm the change.

3.3 Logout

To log out from AyersGTS_LITE, click the “Exit” button on the Main Window menu

Note: If you have any difficulties of logging on AyersGTS_LITE, please consult your administrator.



4 User Interface

4.1 Main Menu

The AyersGTS_LITE Main Menu consists of a set of global functions which are available to the entire AyersGTS workspace.












The Main Menu has the following items:

Menu	Description
Order Input/Enq	Contains all order input and enquiry functions
Market Data	Contains different Real time price quote and Market News
Report	Contains all kinds of reports
Settings	Contains common functions to configure the desktop setting
Exit	Exit the system

4.2 Common Icons

AyersGTS_LITE uses a set of function icons consistently throughout the entire system.

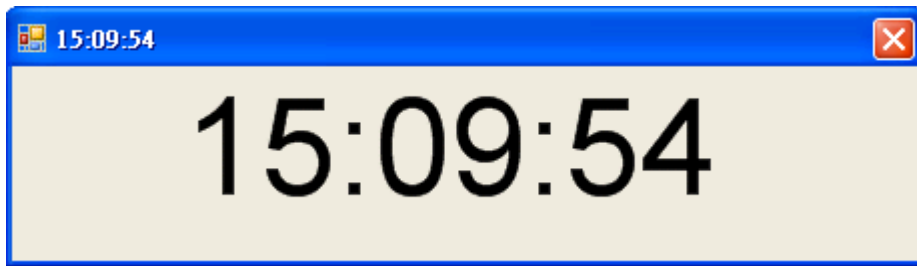
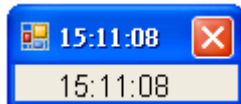
The graphic representation and the respective meaning for each of them are listed below:

Icon	Description
	Exit the current window
	Clear the current fields/ add new record
	Open an existing record to edit
	Save the current record
	Delete the current record
	Upload file
	Enquiry
	Edit
	Create/ Edit order input shortcuts key
	Print
	Cancel



4.3 ***Clock***

On menu “Setting → Clock” to display the time at exchange. System clock can be resized.



4.4 ***To save the desktop layout***

All the window size and position can be easily adjusted. User can open multiple windows at the same time. User can save the current desktop layout by clicking the menu item “Settings → Save Desktop Settings”.

Choose “Yes” when system prompts “Are you sure to save?”



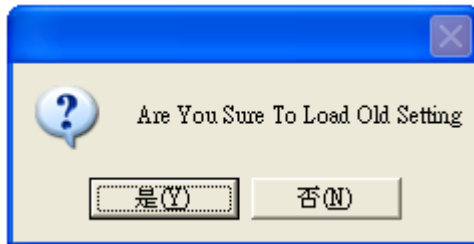
The “Saved Successfully” message will be shown.



4.5 To load the saved desktop layout

Every time user logging into AyersGTS_LITE, the last saved desktop layout will be automatically restored. However, if user wants to restore it at any time, simply clicks the menu item “Settings → Load Desktop Settings”.

Choose “Yes” when system prompts “Are you sure to load old settings?”

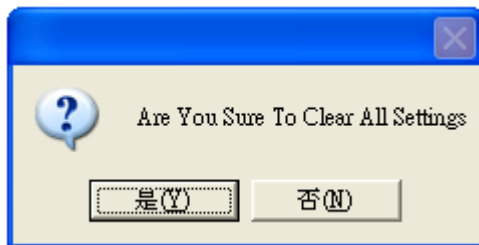


The saved desktop setting will be loaded.

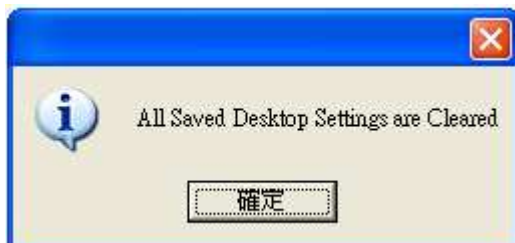
4.6 To clear the saved desktop layout

In order to clear the saved desktop layout, simply click the menu item “Settings → Clear Desktop Settings”.

Choose “Yes” when system prompts “Are you sure to clear all settings?”



The “All Saved Desktop Settings are Cleared” message will be shown.





4.7 Change User Setting (Setting)

Setting	Description
Show Confirmation Box Before Order Submit	Check this box if you want to show confirmation box every time user inputs an order.
Password Confirm Order Input	Check this box if you want to input password to confirm the order input before send to market.
Show Confirmation Box Before Order Cancel	Check this box if you want to show confirmation box every time user cancels an order.
Disallow Increasing Order Quantity	Check this box if you want to prohibit user to increase quantity of orders.
Retain Last Input Client A/C	Check this box if you want to let the last input client a/c remain in the "Order Input Screen".
Retain Last Input Order Type	Check this box if you want the last order type remain in the "Order Type" Box.
Retain Last Buy/Sell Order	Check this box if you want the last Buy/Sell Order remain in the B/S box.
Retain Last Input Product	Check this box if you want the last input Product remain in the Product field
Retain Last Input Price	Check this box if you want the last input Price remain in the Price Field.



Allow to cancel multiple Order	Check this will allow you to cancel multiple Orders.
Allow to update Price of multiple Order	Check this will allow you to update price of multiple Orders, under the condition – same client, stock and buy/ sell type.
Auto Show Product Bid/ Ask Price	Check this box if you want the stock nominal price to be shown when input the stock code.
Change background color when Buy/Sell is Changed	Change background color when Buy/Sell is selected.
Only Validate client/ Product When Send	Check client/ product validity when send order.
Default Exchange	Set the default exchange in input order layout
Price of Price Quote Window Auto-Filled To	<p>When double click on any price position for the Buy/Sell, information will auto feed into Order input Windows.</p> <ol style="list-style-type: none"> 1. New Order Input Window: -Open a new order input window 2. Left-topest Order Input Window -Send the price to the Left-topest Order Input Window 3. All Order Input Window -Send the price to all order input window 4. Focused Order Input window -Send the price to the focused order input window
Price of Order Input Window Auto-Filled To	<p>Product code from the order input window auto feed into the real time quote window.</p> <ol style="list-style-type: none"> 1. None -None of product code will auto-filled to real time quote window 2. Left-Topest Price Qutoe Window -send the product code to the left-topest price quote window 3. All Price Quote windows -send the product code to all price quote windows 4. Focused Price Quote Window -Send the price to the focused price quote window
Client a/c of Order Input Window Auto-Filled To	<p>Client code from the Order input window auto feed into the Client portfolio.</p> <ol style="list-style-type: none"> 1. None - None of Client a/c of order input will auto-filled to Client portfolio 2. Left-topest Client Portfolio Window -send the client code to the left-topest client protfolio 3. All Client Portfolio Windows



	<ul style="list-style-type: none">-send the client code to all client portfolio windows <p>4. Focused Client Portfolio Windows</p> <ul style="list-style-type: none">-send client a/c code to the focused client portfolio windows
Double-Click Order Journal To Trigger	Double-Click a trade order will trigger function menu, functions as follow - "cancel", "Update", "Enquire" and "Acknowledge" Order.
Right-Click Order journal To Trigger	Right click an order can "show function menu", "show menu, update order", "show menu, fast update order".

Click "Save" icon to save the modified setting.



4.8 Change User Setting (Shortcut Key)

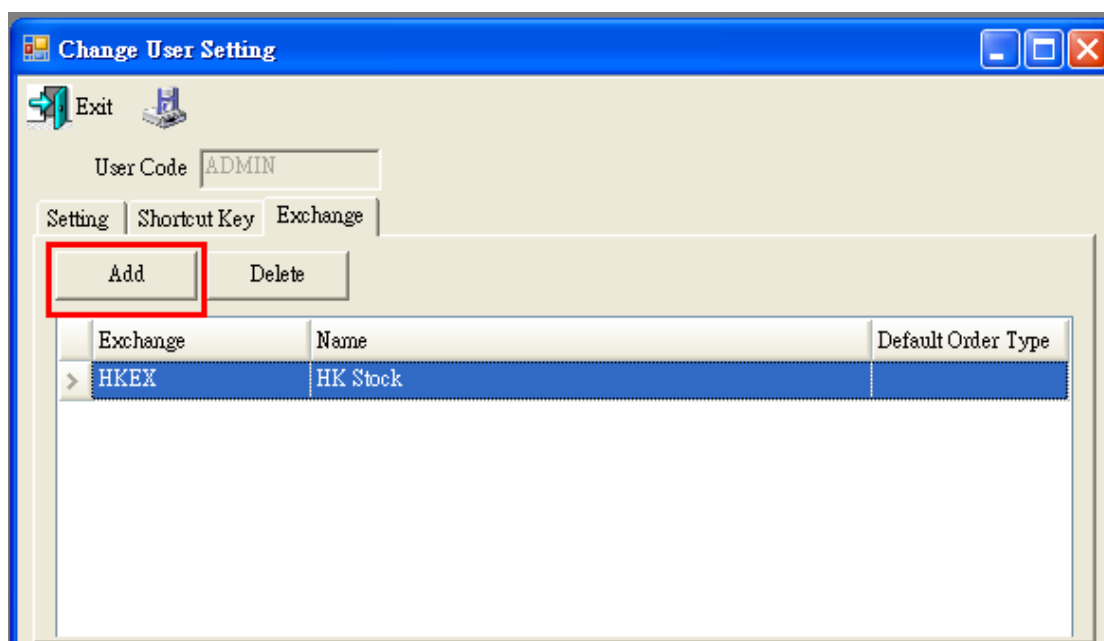
Shortcut key	Description
Buy	Buy shortcut in order input layout
Sell	Sell shortcut in order input layout
Sell Portfolio	Sell all the products in client portfolio
Buy Market	Buy by the market price
Buy Best Bid	Buy by the best bid price
Sell Market	Sell by the market price
Sell Best Ask	Sell by the best ask price
Price Up	Increase one price spread
Price Down	Decrease one price spread
Oty Up	Increase one lot
Qty Down	Decrease one lot
Hold Last own Order	Hold the user's last own order
Hold All Own Order	Hold the user's all own order
Release Last Own Order	Release that user's last own order
Release All Own Orders	Release that user's all own orders
Cancel Last Own Order	Cancel that user's last own order



Cancel All Own Orders	Cancel that user's all own orders
Go To Next Window Group	Move to Next Window Group
Portfolio	Prompt up the client portfolio
Go To Client	Move Cursor to client a/c of order input layout
Go To Product	Move Cursor to product of order input layout
Go To Price	Move Cursor to price of order input layout
Go To Qty	Move Cursor to qty of order input layout
Go To Order Type	Move Cursor to order type of order input layout
Lock/Unlock Client	Lock/Unlock Client
Lock/Unlock Product	Lock/Unlock Product
Lock/Unlock Price	Lock/Unlock Price
Lock/Unlock Qty	Lock/Unlock Qty
Lock/Unlock Type	Lock/Unlock Type
Enquire Order	Enquire the selected order
Enquire Transaction	Enquire the selected transaction
Send	Send order
Clear Current Field Value	Clear Current Field Value
Clear	Clear Window
Settle last Own Trade	Settle for the last own trade
Go To Next Window	Move to Next window
List Active Clients	List Active Clients

4.9 Change User Setting (Exchange)

Click "Settings". → "Change User Setting" in menu item. → "Exchange"



Click "Add". Then, it will show the following window.



Exchange Code: HKEX
Default Order Type:
Default Order Input Function: Order Input (HK Stock, Layout 1)
OK Cancel

Input the “Default Order Type” and “Default Order Input Function”
Click “OK’ and “Save”.

When the user chooses this exchange code, it will follow its exchange default setting.

4.10 Screen Lock

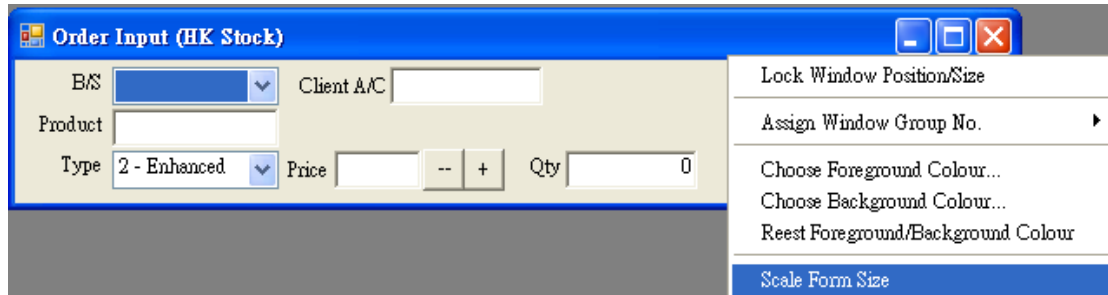
Click menu “Setting → Lock Screen” to hide AyersGTS windows, enter password to restore AyersGTS windows.

Please Type Password To Unlock The Screen
User Code: DEMO
Password:
OK

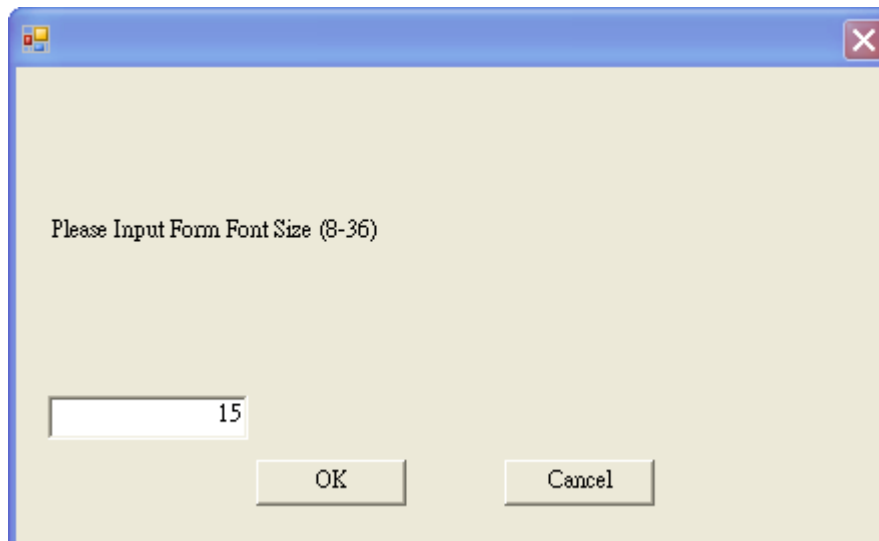


4.11 Scale Form Size

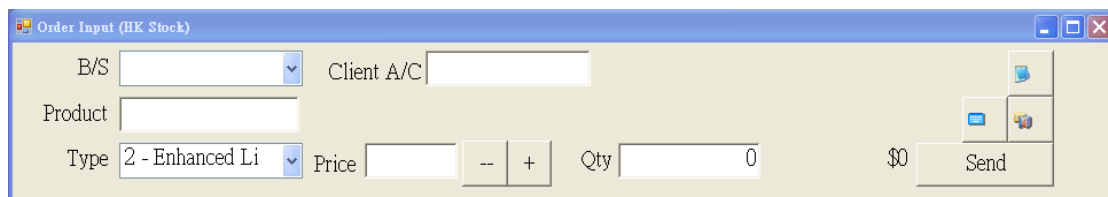
In all the windows, click the right click in space area and choose scale form size.



Input the size of this window and click "OK"

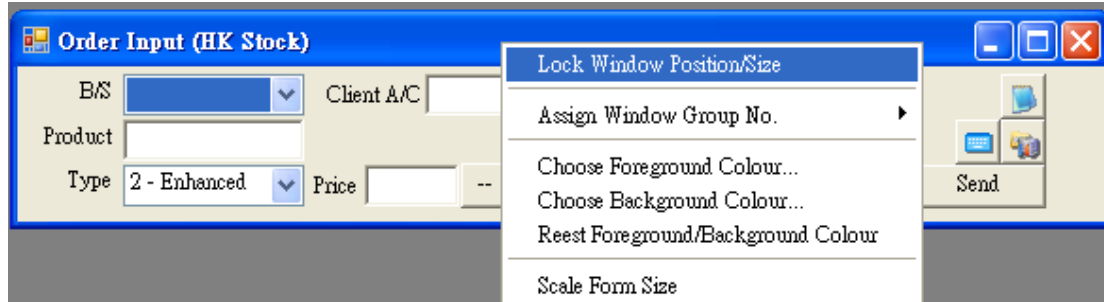


Then, it will be larger or smaller.



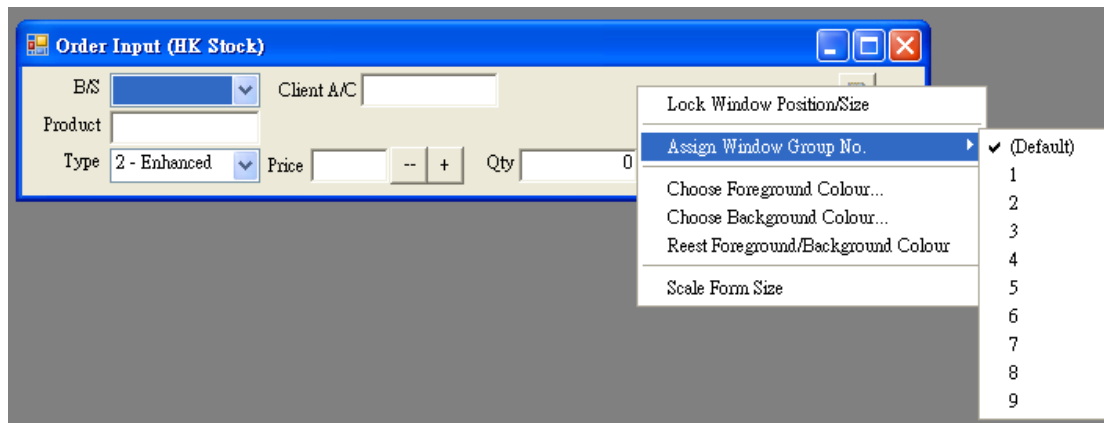


4.12 Lock Window Position/Size



In all the windows, right click in the space area of windows and choose “Lock Window Position/Size, it can lock the window position and size.

4.13 Assign Window Group



In all windows, right click in space area and choose the “assign window group no.”

Assigning the window group no. can assort with the shortcut key to move the column to the other window or group.

5 Order Processing

5.1 Real Time Order Journal

5.1.1 Introduction














The order journal is a real time monitor screen of order status along with the order information. Any update on the order will be broadcast to the order journal. Multiple windows of order journal can be launched to monitor orders of different purpose.

To launch Order Journal, click “Order Input/Enq. → Order Journal” in main menu.



Status	Update/Cancel	Order No	Client A/C	BS	Product	Or...	Price	Quantity	Executed Qty	O/S Qty	Rejected Qty
WA		2464	DEMO	Buy	HSI11200F2	PL	8,429	1	0	1	0
PEX		2462	DEMO	Buy	HSI11200F2	PL	8,409	2	1	1	0
NEW		2457	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	0
NEW		2454	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	0

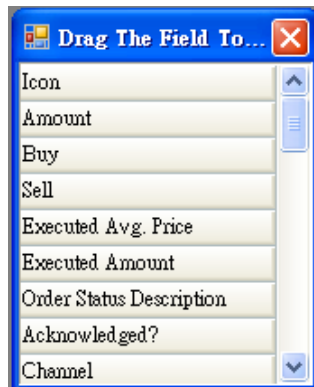
There are several buttons inside the order journal

Icon	Function	Description
	Exit	Close the current order journal.
	Refresh	Request to refresh the orders' status in the order journal.
	Setting	Configure this order journal.
	Enquire Order	Enquire the detail information of currently selected order.
	Update Order	Update the currently selected order.
	Cancel Order	Cancel the currently selected order.
	Acknowledge	Acknowledge the currently selected order is completed (i.e. Fully Filled, Cancelled or Rejected) and hide this order in the order journal.
	Release	Release the currently selected held order, so that the order will immediately be sent to the exchange for matching.
	Client Portfolio	Show the client portfolio of the currently selected order.
	Filter	To filter which field you want to concentrate to look at, multiple filter can be apply at the same time.
	Copy	To copy any trade in the Order Journal, no restrictions apply.
	Always show top record	Always show top record of order journal.
	Always show bottom record	Always show bottom record of order journal.



5.1.2 Add/ Remove Columns

All the columns width and position can be adjusted by simply using drag-and-drop. Moreover, columns can be added/ removed by right-click the mouse button and select “Add/Remove columns” item of the popup menu. After that, all available columns will be shown in a window.



To add column, drag one field in the above window into the order journal.

To remove column, drag one column from the order journal into the above window.

Display Column	Description	Values
Order No	The Unique Number for each Order	
Client A/C	Client Account code	
Client A/C Name	Client Name	
Buy/Sell	B = Buy, S = Sell	
Price	Order Price	
Quantity	Order Quantity	
Status	The status code of the order	NEW – Pending NEW (H) – Pending (Order held in system) PRO – Processing WA – Waiting for approval Q – Queued at exchange REJ – Rejected PEX – Partially filled FEX – Fully executed
Order Status Description	Order status in detail	
Input User	The user who input the order	
Executed Qty	The Quantity which has been executed/ filled	
Executed Time	The latest executed/filled time of an order	
Outstanding Qty	Outstanding Quantity	
Dealer	Show which dealer has taken the order	



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Input Time	The order input time	
Last Update User	The user who last updated the order	
Last Update Time	The last updated time of order	
Acknowledge?	Show whether the order has been acknowledged	
Update/ Cancel	Show whether the order is updating/ canceling	Update = Order is Updating Update(WA) = Order update is waiting for approval Cancel = Order is canceling
Update/Cancel Price	Show updated/cancel price	
Update/Cancel QTY	Show updated/cancel QTY	
Channel	Show which channel the order is input from	TS = Trading Terminal, I = Internet
Order Type (Futures/ Options)		PL = Price Limit (For HK Futures) AO = At – Auction Market (For HK Futures) Limit = Limit Order (For Global Futures) Market = Market Order (For Global Futures)
AE	Account Executive of the order	
Product	Stock Code of the order	
Product Name	Stock Name of the order	
Exchange	Exchange Code of the order	
Exchange Order No.	Ref. No. from exchange	
Release Condition	(For Hold Order Only) the condition for which the held order will be released	
Reference 1	Order reference 1	
Reference 2	Order reference 2	
Approve Reason	Reasons for Order Approval	
No.	No. displayed in Order Journal	
Auto-Notify Channel	The channels used in notifying clients about the order status (FEX, CAN and REJ)	
Order Internal ID	Order ID used for internal reference	
CD Order No.	The unique No. used for CD order	
Settle	A close position order ticket will pop up when a partially executed or fully executed order is double clicked	
Condition	Order type and setting	



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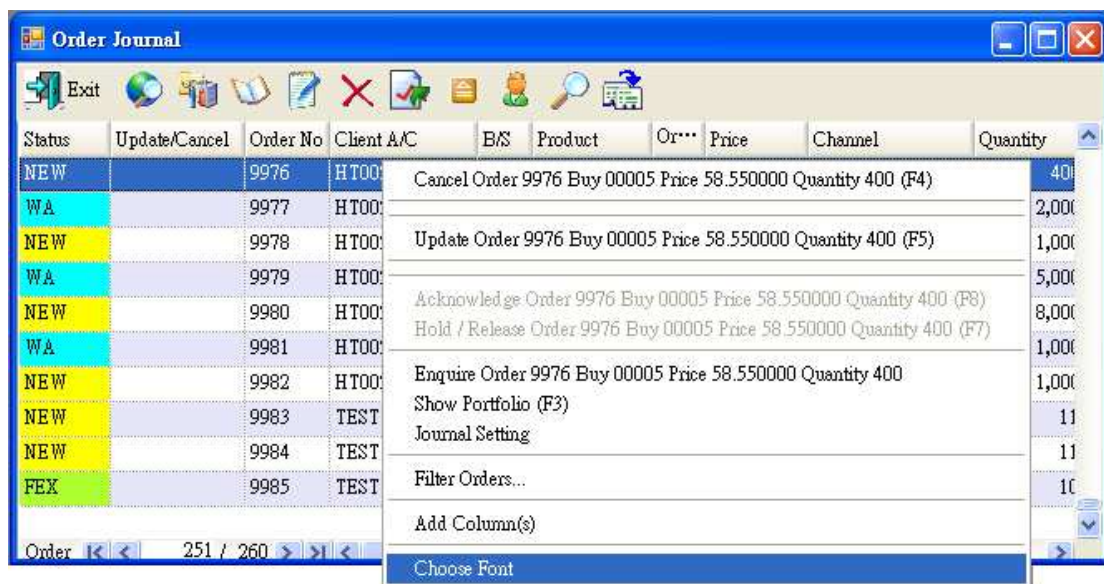
Trigger Price	The triggering price of the order	
Target Price	The target price of the order	
Stop Limit Price	The stop limit price of the order	
Trailing Stop	The trailing stop price of the order	



Drag the field and drop into the Order Journal Column.

5.1.3 Choose Font

Right click mouse button on "Order Journal" and select "Choose Font".





Click "OK" after changes.

Status	Update/Cancel	Order---	Client A/C	B/S	Product	Or---	Price	Quantity	Executed Qty	Amount	O/S Qty
NEW		2458	DEMO	Sell	HSI11200F2	PL	8,409	2	0	16,818.00	
NEW		2457	DEMO	Buy	HSI11200F2	PL	8,409	2	0	16,818.00	
NEW		2390	DEMO	Buy	HSI11200F2	PL	8,409	1	0	8,409.00	
NEW		2455	DEMO	Buy	HSI11200F2	PL	8,409	2	0	16,818.00	
NEW		2456	DEMO	Buy	HSI11200F2	PL	8,409	2	0	16,818.00	
PEX		2462	DEMO	Buy	HSI11200F2	PL	8,409	2	1	16,818.00	
WA		2464	DEMO	Buy	HSI11200F2	PL	8,429	1	0	8,429.00	

Click "Save Desktop Settings" to save "Order Journal" setting if needed.



5.1.4 Configure Order Journal

Click the “Setting” icon of the order journal in order to configure the order journal.

Settings	Description
Hide Remark/Reject Reason	Not show reject reason/remark
Activate Main Window	Minimized Order Journal window will be restore when new order is placed or order status has changed
Hide Toolbar	Hide the Toolbar on the top of the Order Journal
Play Sound	The system would play sound to alert when order is updated. Only support WAV sound format
Show Buy/Sell/All Orders	A – all orders B – buy order only S – sell order only
Show Acknowledged Order	N = show all unacknowledged orders (i.e. hide all acknowledged orders) Y = only show acknowledged orders A = show all orders



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Show Input Users' Order (Not for GTS Lite user)	Only show orders of a specified User. Leave blank if wants to show all User's orders
Show AE's Orders (Not for GTS Lite user)	Only show orders of a specified AE. Leave blank if wants to show all AE's orders
Show Exchange's Orders	Only show orders of a specified Exchange. Leave blank if wants to show all Exchange's orders
Show Orders With Following Status	Check the order status box to select which order status to be shown
Column Sort Order	Set order sort sequence in order journal
Set shortcut keys (In red rectangle area)	Set shortcut keys for different functions of order journal

5.1.5 Filter in Order Journal

Orders can be filtered in the order journal.
Click the "Filter Orders..." button.



Status	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty	O/S Qty
NEW		2455	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2456	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2457	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2458	DEMO	Sell	HSI11200F2	PL	8,409	2	0	2
NEW		2459	DEMO	Sell	HSI11200F2	PL	8,409	2	0	2

The filter row will be appeared as the first row of the order journal. Click the empty box and input the criteria to filter the orders in the order journal.

E.g. Client A/C and Product:



Status	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty	O/S Qty
NEW		2455	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2456	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2457	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2458	DEMO	Sell	HSI11200F2	PL	8,409	2	0	2



The order journal will only show the filtered orders.

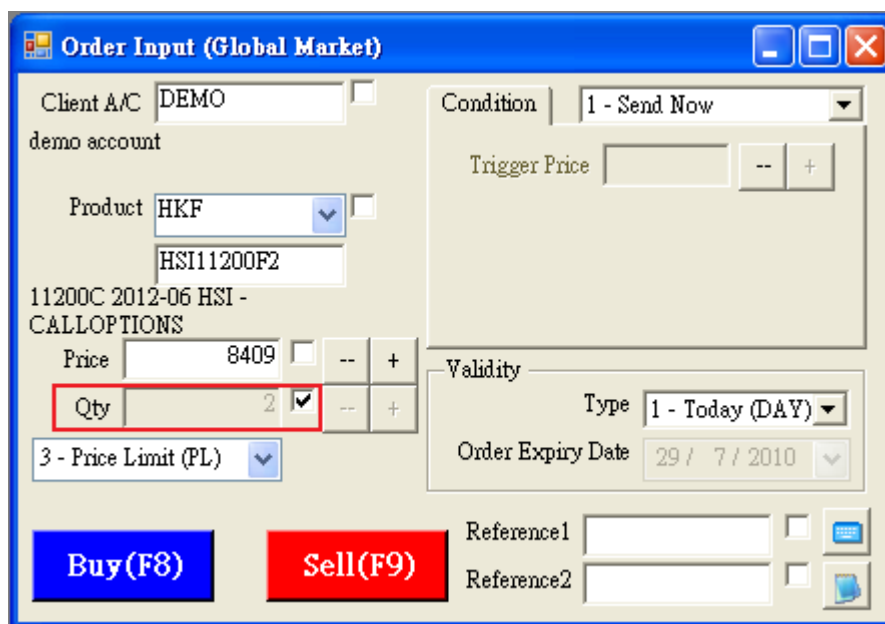


Status	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty	O/S Qty
			demo		HSI11200F2					
NEW		2390	DEMO	Buy	HSI11200F2	PL	8,409	1	0	1
NEW		2454	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2455	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2
NEW		2456	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2

5.2 Input Order

5.2.1 Using Order Input Screen (Global Market)

Click “Order Input/Enq. → Order Input (Global Market)” menu item.



Client A/C DEMO
demo account

Product HKF
HSI11200F2
11200C 2012-06 HSI - CALLOPTIONS

Price 8409 -- +
Qty 2 ☒ -- +

3 - Price Limit (PL)

Condition 1 - Send Now

Trigger Price -- +

Validity Type 1 - Today (DAY)
Order Expiry Date 29 / 7 / 2010

Buy(F8) Sell(F9)

Reference1
Reference2

Fill in the order information. Click Buy/ Sell button or press “F8/ F9” key to send order. To clear all input information press “Esc” key.

The check box allows lock the information field. The information will retain after the order is sent.



Click “Order Input/Enq. → Order Input (Global Market, Buy Only)”.

This layout is for Buy Only.

Order Input (Global Market, Buy Only)

Client A/C

Product

Price

Qty 0

\$0

Condition | 1 - Send Now

Trigger Price 0

Validity Type 1 - Today (DAY)

Order Expiry Date 15 / 2 / 2009

Reference1

Reference2

Buy(F8)

Click “Order Input/Enq. → Order Input (Global Market, Sell Only)”.

This layout is for Sell Only.

Order Input (Global Market, Sell Only)

Client A/C

Product

Price

Qty 0

\$0

Condition | 1 - Send Now

Trigger Price 0

Validity Type 1 - Today (DAY)

Order Expiry Date 15 / 2 / 2009

Reference1

Reference2

Sell(F9)



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Click “Order Input/Enq. → Order Input (Global Market, Layout 1)”.

Order Input (Global Market, Layout 1)

Buy: 1 - Buy (B) Client A/C: DEMO demo account

Product: HKF HSI11200F2 11200C 2012-06 HSI - CALL OPTIONS

Type: 3 - Price Limit (PL) Price: 8409 Qty: 1

Send

Click on “Advance Setting” to select send condition and validity.

Reference1

Reference2

Condition: 1 - Send Now

Trigger Price

Validity

Type: 1 - Today (DAY)

Order Expiry Date

OK Cancel

Press “OK” when finished.

Please see session 5.2.2 Program Trade for details of condition and validity.



Click “Order Input/Enq. → Order Input (Global Market, Layout 2)”.

Global market layout 2 includes the program trade function: Order Close by OCO.

E.g. A buy order price \$8,409 with target price +/- 20, stop limit price +/- 20 and trailing stop +/- 0.

When order fully executed, system will generate a sell stop profit order, 20 spreads above of the input buy price.

If nominal falls to 20 spreads below the input buy price, the stop profit order will be cancelled and the system will generate a sell stop loss order, 20 spreads below of the input buy price.

Tick the box “MKT” to change the order type to market order.

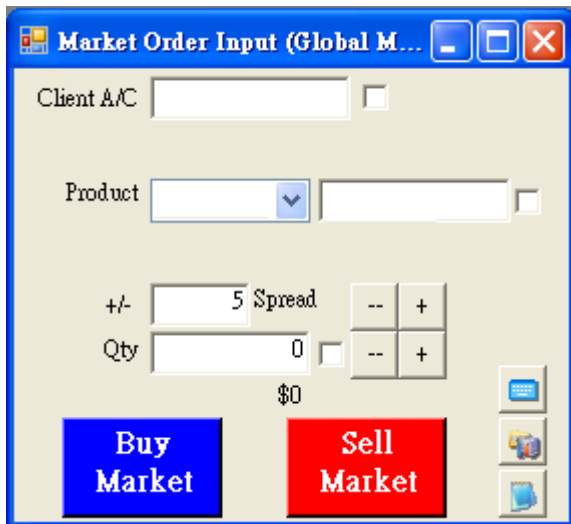
The “Cancel All” function is use to cancel the client’s order. It will only cancel the order accord to the input client and product.



The “Close All Positions” function would close all positions accord to the input client and product.



Click “Order Input/Enq. → Market Order Input (Global Market)”.



This layout can restrict the Buy/ Sell spread of a market order, and the number of spread has no limitation.

E.g 1) If the market order spread is set to “+5” to buy, then the system will buy the product within the upper 5 price spreads from the nominal.

E.g 2) If the market order spread is set to “+5” to sell, then the system will sell the product within the lower 5 price spreads from the nominal.

If the order cannot fully executed within the price spread range, the system will then changed to use Price Limit Order type to queue at market using the best price for the outstanding QTY.

Order Validity: (Today or GTD – Good Till Day)

GTD order is an order to buy or sell valid to the input day or the trade is executed.

“Order Input” fields are explained below:

Field	Description
Buy/Sell	“1”=Buy or “3”=Sell
Client A/C	Input Client a/c, or use shortcut key to input Client a/c, see Section “Create shortcut key input for client account” below, or press “F1” to search
Product	Select Exchange and input stock code, or press “F1” to search
Order Type	“1”=Price Limit (PL) for HK Futures, Limit for Global Futures “2”= At Auction Market (AO) for HK Futures, Market for Global



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	Futures
Price	"+" = add one spread, "-" = subtract one spread
Quantity	"+" = add one lot, "-" = subtract one lot

After filled in all the information, click "Send" button to place order. Order credit checking will be performed before submit to Exchange, and the order will be routed to corresponding entities according to the result.

5.2.2 Program Trade

AyersGTS_LITE supports program trade by introducing "hold" order. A "hold" order is an order which pending in AyersGTS_LITE trading server and will only send to exchange under fulfilling specified condition.

1. If select "Send Now", the order will immediately send to market.
2. If select "Hold", the order will be kept in the system. The "hold" order can be release by click on the "Hold/Release" button in order journal.
3. "Stop Limit"

E.g. Place a "Stop Limit" order: If nominal is now at \$8,410. When nominal falls and reaches the trigger price \$8,409. The order will be released to the market using Price Limit order type to sell HKF: HSI11200F2 at price \$8,409 with quantity 2.

The image below shows how it is configured:

Order Input (Global Market)

Client A/C: DEMO
demo account

Product: HKF
HSI11200F2
11200C 2012-06 HSI - CALLOPTIONS

Price: 8409
Qty: 2

Condition: 3 - Stop Limit

Trigger Price: 8409
Trailing Stop: 0

Validity Type: 1 - Today (DAY)
Order Expiry Date: 29 / 7 / 2010

Buy(F8) Sell(F9)

Reference1
Reference2

The (hold) order can also be released by click on the Hold/ Release icon.





4. "Stop Limit order with trailing stop"

Similar to "Stop Limit" order but with trailing Stop enabled.

E.g.) Input "1" in the "Trailing Stop" field means that if nominal raised by 1 dollar, then the both order price and trigger price will also raised by 1 dollar. The order price and trigger price will only be changed when nominal rises but not falls.

The screenshot shows the 'Order Input (Global Market)' window. The 'Client A/C' is 'DEMO' and the 'demo account' is selected. The 'Product' is 'HKF' and the 'Symbol' is 'HSI11200F2'. The '11200C 2012-06 HSI - CALLOPTIONS' is selected. The 'Price' is '8409' and the 'Qty' is '2'. The 'Condition' is '3 - Stop Limit'. The 'Trigger Price' is '8409' and the 'Trailing Stop' is '1'. The 'Validity' is '1 - Today (DAY)' and the 'Order Expiry Date' is '29 / 7 / 2010'. The 'Buy (F8)' and 'Sell (F9)' buttons are visible. The 'Reference1' and 'Reference2' fields are empty.

The order will release to market when nominal \leq trigger price.

The (hold) order can also be released by click on the Hold/ Release icon.





5. "Up Trigger"

E.g. If nominal is now at \$8,400. When nominal rises and reaches the trigger price \$8,409. The order will be released to the market using Price Limit order type to sell HKF: HSIH9 at price \$8,409 with quantity 2.

The screenshot shows the "Order Input (Global Market)" window. The "Client A/C" field contains "DEMO" and "demo account". The "Product" dropdown is set to "HKF" and the "Symbol" field contains "HSI11200F2". The "Description" field contains "11200C 2012-06 HSI - CALLOPTIONS". The "Price" field is set to "8409" and the "Qty" field is set to "2". The "Order Type" dropdown is set to "3 - Price Limit (PL)". The "Condition" dropdown is set to "4 - Up Trigger". The "Trigger Price" field is set to "8409". The "Validity" dropdown is set to "1 - Today (DAY)". The "Order Expiry Date" field is set to "29 / 7 / 2010". There are "Buy(F8)" and "Sell(F9)" buttons at the bottom left. The "Reference1" and "Reference2" fields are empty at the bottom right.



6. "Down Trigger"

E.g. If nominal is now at \$8,450. When nominal falls and reaches the trigger price \$8,409. The order will be released to the market using Price Limit order type to buy HKF: HSIH9 at price \$8,409 with quantity 2.

The screenshot shows the "Order Input (Global Market)" window. The "Client A/C" is set to "DEMO" and the "demo account" is selected. The "Product" is "HKF" and the "Symbol" is "HSI11200F2". The "Description" is "11200C 2012-06 HSI - CALLOPTIONS". The "Price" is set to "8409" and the "Qty" is "2". The "Order Type" is "3 - Price Limit (PL)". The "Condition" is "5 - Down Trigger" and the "Trigger Price" is "8409". The "Validity" is "1 - Today (DAY)" and the "Order Expiry Date" is "29 / 7 / 2010". There are "Buy(F8)" and "Sell(F9)" buttons at the bottom. The "Reference1" and "Reference2" fields are empty.

Client A/C	DEMO	Condition	5 - Down Trigger
demo account		Trigger Price	8409
Product	HKF		
	HSI11200F2		
11200C 2012-06 HSI - CALLOPTIONS			
Price	8409		
Qty	2		
3 - Price Limit (PL)			
		Validity	1 - Today (DAY)
		Order Expiry Date	29 / 7 / 2010
Buy(F8)	Sell(F9)	Reference1	
		Reference2	



7. "OCO" One Cancel Other

E.g. Place an "OCO" order, selling QTY 2 of product: HSI11200F2 at price \$8,409. If nominal is now at \$8,350. When nominal falls and reaches the trigger price \$8,200 it will then sell at \$8,200.

The image below shows how it is configured:

The screenshot shows the 'Order Input (Global Market)' window. The 'Client A/C' is 'DEMO'. The 'Product' is 'HKF' with 'HSI11200F2' selected. The 'Price' is '8409' and 'Qty' is '2'. The 'Condition' is set to '6 - One-Cancel-Other (OCO)'. The 'Trigger Price' is '8200', 'Stop Limit Price' is '8200', and 'Trailing Stop' is '0'. The 'Validity' is '1 - Today (DAY)' and 'Order Expiry Date' is '29 / 7 / 2010'. The 'Order Type' is '3 - Price Limit (PL)'. There are 'Buy(F8)' and 'Sell(F9)' buttons. Reference fields are also present.

If the order cannot sell at \$8,409 and nominal has fallen to \$8,200, then the system will automatically cancel the initial sell order of \$8,409 and place a new order with a selling price \$8,200.



8. "Time to Send"

Set the time to send the order to market as follow:

Order Input (Global Market)

Client A/C DEMO
demo account

Product HKF
HSI11200F2
11200C 2012-06 HSI -
CALLOPTIONS

Price 8409
Qty 2

3 - Price Limit (PL)

Condition 7 - Time To Send

Date 2 / 8 / 2010
Time 15 : 22 : 08

Validity Type
Order Expiry Date 2 / 8 / 2010

Buy(F8) Sell(F9)

Reference1
Reference2

Choose the Date and Time to send the order.



9. "Market If Touch"

"MIT" does not need to indicate the nominal will rises or falls. If the nominal reaches the trigger price, the order will release to market.

The screenshot shows the "Order Input (Global Market)" window. The "Client A/C" is "DEMO" and the "demo account" is selected. The "Product" is "HKF" and the "Symbol" is "HSI11200F2". The "11200C 2012-06 HSI - CALLOPTIONS" is selected. The "Price" is "8409" and the "Qty" is "2". The "Condition" is "8 - Market-If-Touch". The "Trigger Price" is "8409". The "Validity" is "Type" and the "Order Expiry Date" is "2 / 8 / 2010". The "Buy(F8)" and "Sell(F9)" buttons are visible. The "Reference1" and "Reference2" fields are empty.

Field	Value
Client A/C	DEMO
demo account	
Product	HKF
Symbol	HSI11200F2
11200C 2012-06 HSI - CALLOPTIONS	
Price	8409
Qty	2
Condition	8 - Market-If-Touch
Trigger Price	8409
Validity	Type
Order Expiry Date	2 / 8 / 2010
Buy(F8)	
Sell(F9)	
Reference1	
Reference2	



10. "Order Close by OCO"

Global market layout 2 includes the program trade function: Order Close by OCO.

E.g. A buy order price \$8,409 with target price \$8,600, trigger price \$8,300 and stop limit price \$8,300.

When order fully executed, system will generate a sell stop profit order \$8,600. If nominal meets the trigger price \$8,300, system will cancel the stop profit order \$8,600 and generate a sell stop loss order \$8,300.

The screenshot shows the 'Order Input (Global Market)' window. The 'Client A/C' is 'DEMO' and the 'demo account' is selected. The 'Product' is 'HKF' and the 'Symbol' is 'HSI11200F2'. The '11200C 2012-06 HSI - CALLOPTIONS' is selected. The 'Price' is '8409' and the 'Qty' is '2'. The 'Condition' is '9 - Order Close By OCO'. The 'Target Price' is '8600', the 'Trigger Price' is '8300', and the 'Stop Limit Price' is '8300'. The 'Validity' is '1 - Today (DAY)' and the 'Order Expiry Date' is '2 / 8 / 2010'. The 'Buy(F8)' and 'Sell(F9)' buttons are visible. The 'Reference1' and 'Reference2' fields are empty.

Field	Value
Client A/C	DEMO
demo account	
Product	HKF
Symbol	HSI11200F2
11200C 2012-06 HSI - CALLOPTIONS	
Price	8409
Qty	2
Condition	9 - Order Close By OCO
Target Price	8600
Trigger Price	8300
Stop Limit Price	8300
Validity	1 - Today (DAY)
Order Expiry Date	2 / 8 / 2010
Buy(F8)	
Sell(F9)	
Reference1	
Reference2	



5.2.3 Set order validity

Select validity type from the drop down menu. The 4 validity types are explained below:

Validity Types	Description
1 - Today (DAY)	If the order is not filled or executed by the end of day, the order will be cancelled.
2 - FAK = Fill and Kill	The order is executed to the extent possible; the remaining (if any) is cancelled. (Applied to HK Futures only)
3 - FOK = Fill or Kill	The order must either be filled in full, or cancelled. (Applied to HK Futures only)
4 - Good Till Day (GTD)	GTD order is an order to buy or sell valid to the input day or the trade is executed. (System can keep orders for 7 calendar days)

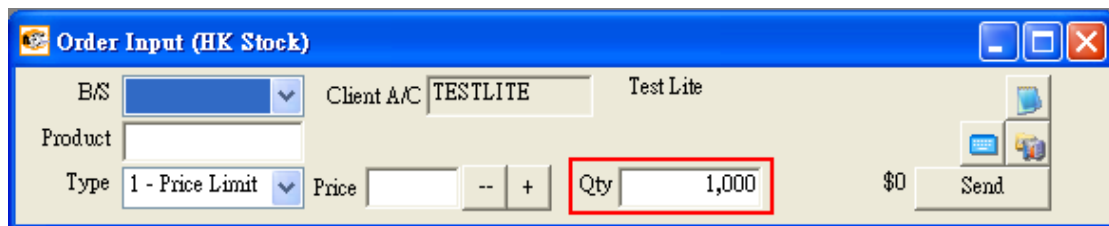
The screenshot shows the 'Order Input (Global Market)' window. It features several input fields and buttons. At the top left is the 'Client A/C' field. Below it is the 'Product' dropdown menu. To the right of these is the 'Condition' dropdown menu, currently set to '1 - Send Now'. Below 'Product' is the 'Price' field with increment/decrement buttons, and the 'Qty' field with similar buttons. Below 'Price' is the 'PL' dropdown menu. To the right of the 'Price' and 'Qty' fields is the 'Validity' section, which includes a 'Type' dropdown menu currently set to '4 - Good-Til-Car'. Below the 'Type' dropdown is the 'Order Expiry Date' field. At the bottom left are two large buttons: 'Buy(F8)' and 'Sell(F9)'. At the bottom right are the 'Reference1' and 'Reference2' fields.



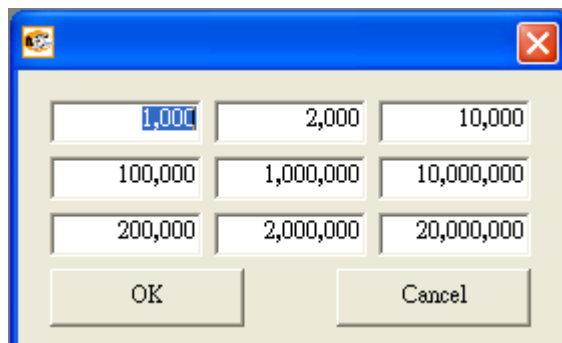
5.2.4 Order Input QTY Selector



When order input QTY selector is open, the next opened order input quantity would default to the selected quantity.




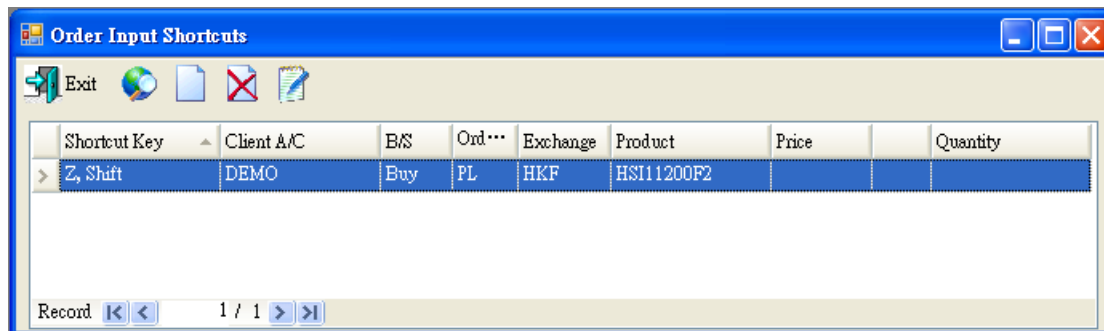
Right click on the input QTY selector window can edit the quantity value.








5.2.5 Order Shortcut key

To define order shortcut key, click on menu “Order Input/Enq.” → “Order input Shortcuts” or click  icon in any Order input Layout.



Click  icon to create new shortcut. Click  icon to edit existing shortcut.

Click  icon to delete shortcut key. Double-click on the shortcut key will launch Order Input window with the shortcut information filled.



Input the information for the shortcut key.

E.g. Set shortcut key “Z, Shift” to “Use Price Limit order type to buy HKF HSI11200F2” as shown in the above image. Click “OK” to save the shortcut key setting.



E.g. "Use Price Limit order type to buy HKF HSI11200F2". In any of the Order Input, press shortcut key "Z, Shift" and the predefined information will auto-fill into the "Order Input".

Order Input (Global Market)

Client A/C: DEMO
demo account

Product: HKF
HSI11200F2
11200C 2012-06 HSI - CALLOPTIONS

Price: [] -- +
Qty: 0 -- +

3 - Price Limit (PL)

Condition: 1 - Send Now

Trigger Price: [] -- +

Validity Type: 1 - Today (DAY)

Order Expiry Date: 2 / 8 / 2010

Buy(F8) Sell(F9)

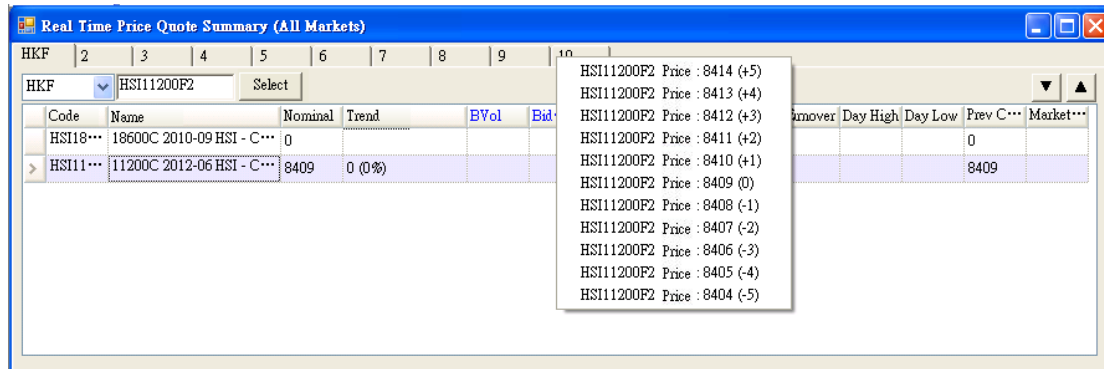
Reference1: []
Reference2: []

Enter "Client A/C", "Price" and "QTY" then click on Buy/ Sell to send.



5.2.6 Using Real Time Price Quote Screen

To open “Real Time Price Quote”, click “Market Data → Real Time Price Quote Summary (All Markets)”.



Click on the “BVol”, “Bid”, “Ask”, “AVol” will open the price spreads. Click on the price will launched an Order Input window with product code and price auto fill in.



The max no. of price quote window that can be opened is 3. Different products price quote can be used on 10 different tabs.

Click Up/ Down arrow to move product Up or Down. To remove product from price quote window, right click on the selected row and choose “Remove Selected Product(s)”.



5.2.7 Real Time Price Quote (Market Depth)

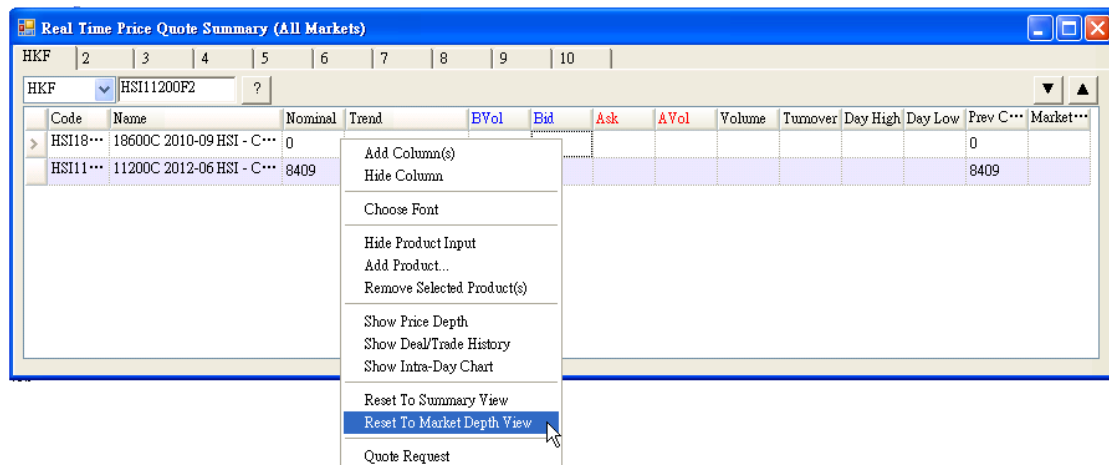
Right click on the selected row from the price quote window and choose “Show Price Depth”.



BVol	Bid	Ask	AVol
2	2.18	2.8	1
1	2.12		0
2	1.7		0
1	1.045		0
0			0
0			0
0			0
0			0
0			0
0			0

Double click on the “BVol”, “Bid”, “Ask”, “AVol” will launched an Order Input window with product code and price auto fill in.

Right click on the price quote window and choose “Reset to Market Depth View”.



Code	Name	Nominal	Trend	BVol	Bid	Ask	AVol	Volume	Turnover	Day High	Day Low	Prev C...	Market...
HSI18...	18600C 2010-09 HSI - C...	0										0	
HSI11...	11200C 2012-06 HSI - C...	8409										8409	

- Add Column(s)
- Hide Column
- Choose Font
- Hide Product Input
- Add Product...
- Remove Selected Product(s)
- Show Price Depth
- Show Deal/Trade History
- Show Intra-Day Chart
- Reset To Summary View
- Reset To Market Depth View**
- Quote Request



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Code	Name	B5	B4	B3	B2	B1	A1	A2	A3	A4	A5	Nominal	Trend
HSI18...	18600C 2010-09 HSI - C...											0	
HSI11...	11200C 2012-06 HSI - C...											8409	0 (0%)

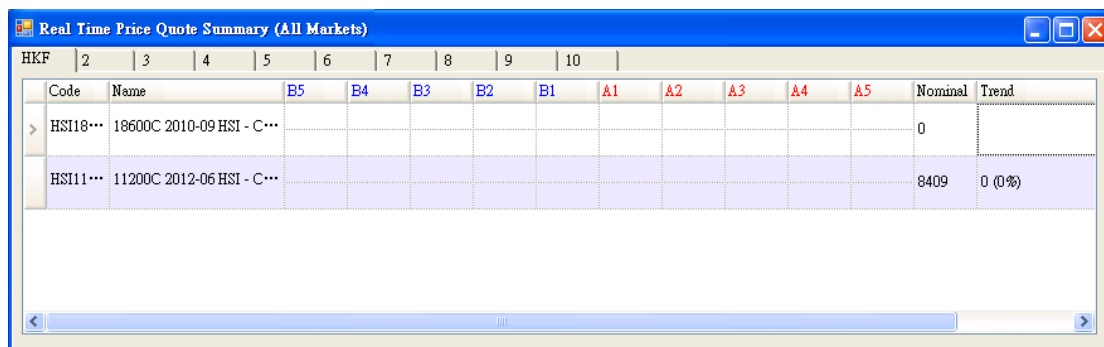
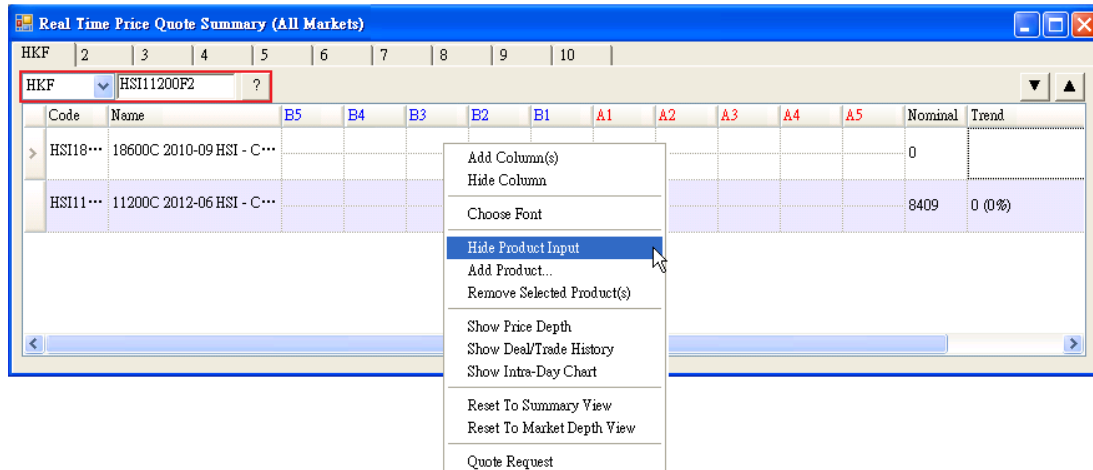
Click on the “Bid” or “Ask” will launch an order input window with product code and price auto fill in.

To return to summary view, right click the price quote window and choose “Reset To Summary View”.



5.2.8 Hide Product Input

Right click on the price quote window and choose “Hide Product Input” to hide product input.



To show the product input again, right click on the price quote window and choose “Hide Product Input”



5.2.9 Add Columns

All the columns width and position can be adjust by using drag-and-drop. Moreover, columns can be added/ removed by right-click the mouse button and select “Add columns” item from the popup menu.

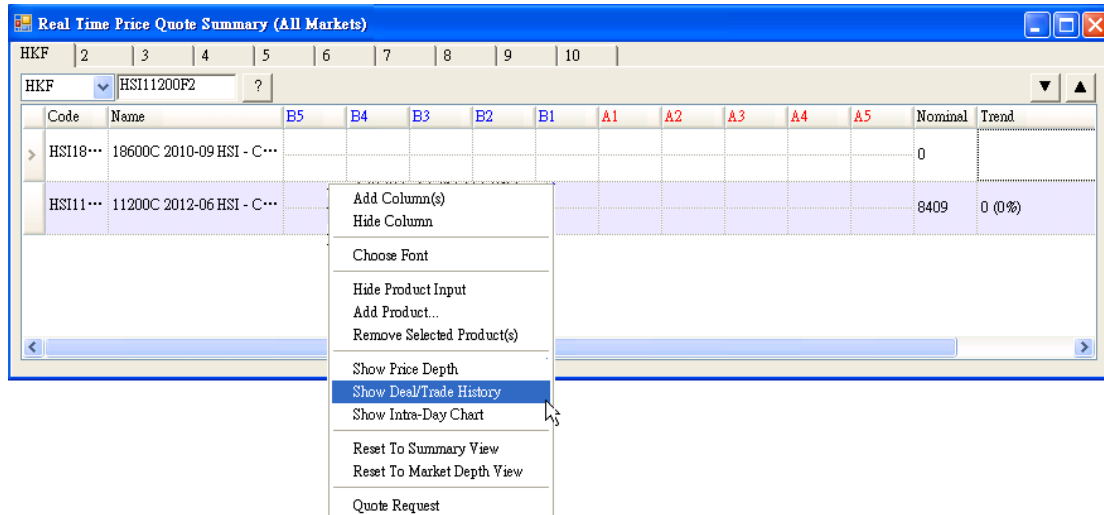


To add column, drag the field in the above window into the price quote window.
To remove column, drag the column from the price quote window back to the above window.



5.2.10 Show Deal/ Trade History

Right click on the product and select “Show Deal/ Trade History”.



The deal/ trade history can shows the product executed time, lot size, price and Bid/ Ask information.

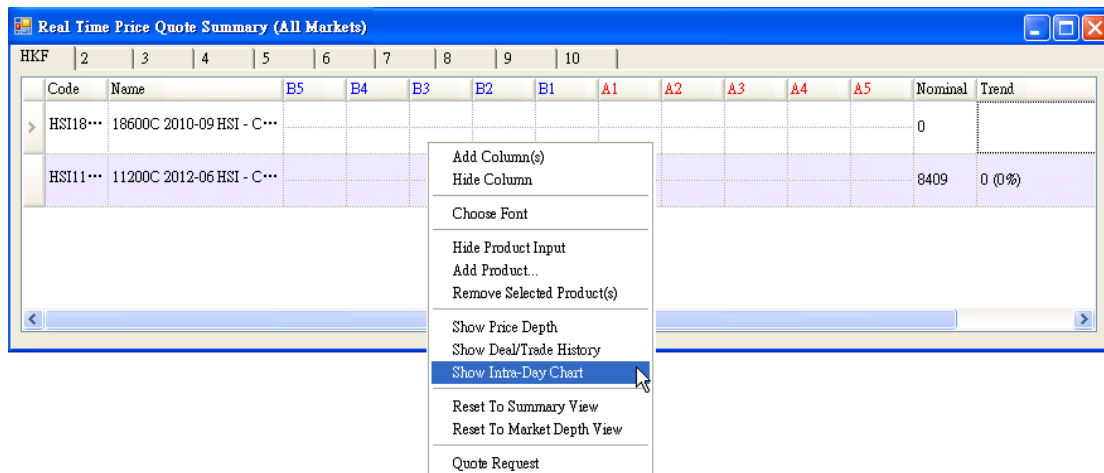
Time	Lot Size	Price	Bid/Ask
14:32:41	1	20,386	A
14:32:41	1	20,385	A
14:32:42	1	20,387	?
14:32:42	1	20,388	B
14:32:43	2	20,388	A
14:32:43	1	20,387	A
14:32:43	1	20,388	A
14:32:44	1	20,387	A
14:32:45	1	20,386	A
14:32:45	1	20,387	A
14:32:45	1	20,387	A
14:32:45	2	20,387	A

Please note that the Bid/ Ask information are system guessed. It will show “A” or “B” whichever the executed price closest to the bid/ ask price. The “?” indicates the Bid/ Ask information is unknown.

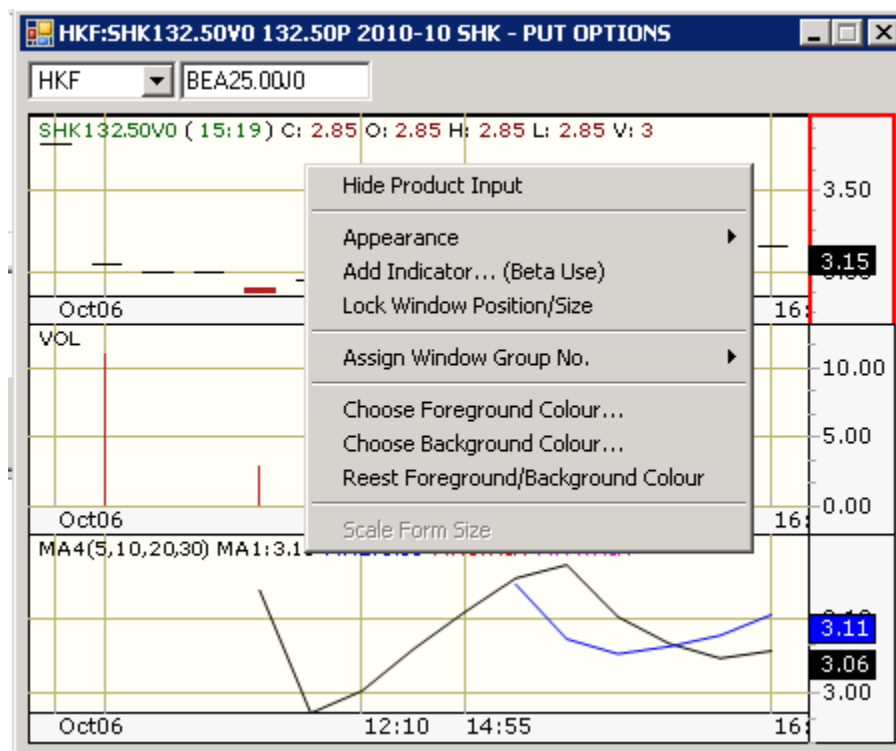


5.2.11 Show Intra-Day Chart

Right click on the product and select “Show Intra-Day Chart”.



The intra-day chart shows the product trend and turnover. Right click inside the window can change its appearance, foreground/ background colour from the pop up menu.





Click “+” to increase scale size.

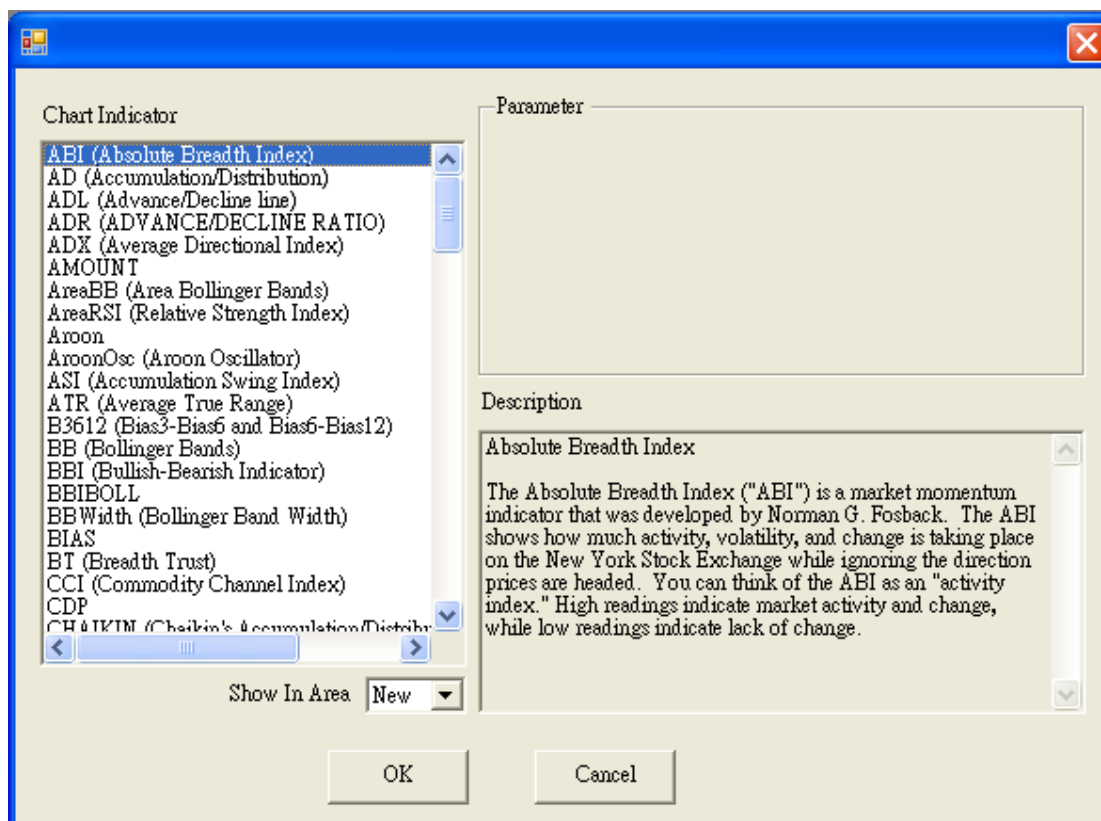


Click “-” to decrease scale size.





Select "Add Indicator" to add different indicator to the graph.





5.2.12 Real Time Price Quote Summary (HK Options)

Click “Market Data → Real Time Price Quote Summary (HK Options)”.

Volume	Nominal	BVol	Bid	Ask	AVol	Strike	BVol	Bid	Ask	AVol	Nominal
	2.83					9.75					0.01
	2.58					10.00					0.01
	2.08					10.50					0.01
	1.59	20	1.57	1.62	70	11.00			0.02	30	0.01
15	1.18	50	1.09	1.15	71	11.50	29	0.03	0.05	45	0.04
	0.69	50	0.66	0.72	72	12.00	48	0.1	0.13	50	0.13
2	0.36	50	0.34	0.38	20	12.50	46	0.27	0.3	33	0.28
18	0.16	47	0.14	0.17	47	13.00	43	0.56	0.6	20	0.61
30	0.06	49	0.05	0.08	50	13.50	41	0.96	1.01	30	1.01
	0.02			0.04	20	14.00					1.46
	0.01					14.50					1.92

Click on the “Nominal”, “Bid”, “Ask” will launch an order input window with product code and price auto fill in.

Client A/C

Product
13.00C 2010-08 A50 - CALL
OPTIONS

Price -- +

Qty -- +

1 - Price Limit (PL)

Condition

Trigger Price -- +

Validity Type

Order Expiry Date

Reference1

Reference2



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Right click price quote window can select “Quote Request”, “Reset to Basic Layout” and “Reset to Layout 1 (With Option Greek Parameters)”.

Volume	Nominal	BVol	Bid	Ask	AVol	Strike	BVol	Bid	Ask	AVol	Nominal
	2.83					9.75					0.01
	2.58					10.00					0.01
	2.08					10.50					0.01
	1.59	20	1.57	1.62	70						
15	1.18	50	1.09	1.15	71						
	0.69	20	0.67	0.72	72						
2	0.36	50	0.34	0.38	42	12.50	46	0.27	0.3	15	0.28
18	0.16	97	0.14	0.17	77	13.00	20	0.57	0.61	50	0.61
30	0.06	49	0.05	0.08	50	13.50	41	0.96	1.01	30	1.01
	0.02			0.04	20	14.00					1.46
	0.01					14.50					1.92

Basic Layout will hide the greek parameters.

Call Options							Put Options					
Volume	Nominal	Bid	BVol	Ask	AVol	Strike	BVol	Bid	Ask	AVol	Nominal	Volume
	2.83					9.75						0.01
	2.58					10.00						0.01
	2.08					10.50						0.01
	1.59	1.57	20	1.62	30	11.00			0.03	50	0.01	
15	1.18	1.09	50	1.15	50	11.50	56	0.02	0.05	45	0.04	15
	0.69	0.67	50	0.72	65	12.00	20	0.1	0.13	50	0.13	24
2	0.36	0.35	20	0.38	20	12.50	20	0.27	0.3	50	0.28	10
18	0.16	0.14	20	0.18	65	13.00	20	0.56	0.6	20	0.61	
30	0.06	0.05	20	0.08	65	13.50	20	0.96	1.01	30	1.01	
	0.02			0.04	20	14.00					1.46	
	0.01					14.50					1.92	



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Layout 1 (With Option Greek Parameters) will display greek parameters Delta, Gamma etc...

Real Time Price Quote Summary (HK Options)																								
A50 OPTIONS 2010-08																								
Call Options												Put Options												
Rho	Vega	Theta	Gamma	Delta	Volume	Nominal	BVol	Bid	Ask	AVol	Strike	BVol	Bid	Ask	AVol	Nominal	Volume	Delta	Gamma	Theta	Vega	Rho		
						2.83					9.75					0.01								
						2.58					10.00					0.01								
						2.08					10.50					0.01								
						1.59	20	1.57	1.61	30	11.00			0.02	30	0.01								
					15	1.18	50	1.09	1.14	50	11.50	20	0.03	0.05	45	0.04	15							
						0.69	20	0.67	0.71	30	12.00	20	0.1	0.13	50	0.13	24							
					2	0.36	20	0.34	0.38	50	12.50	20	0.27	0.3	12	0.28	10							
					18	0.16	20	0.14	0.17	27	13.00	20	0.57	0.61	50	0.61								
					30	0.06	20	0.05	0.08	65	13.50	50	0.96	1.01	30	1.01								
						0.02			0.04	20	14.00					1.46								
						0.01					14.50					1.92								
Record 1 / 12																								






5.2.13 Client Account Portfolio Screen

Click “Order Input/Enq. → Client Account Portfolio”.

Input the “Client A/C” and click “Refresh” to enquire client's information.

Details	HKD	Code	Name	Qua...	Tod...	Tod...
Net Cash Bal.	10,000,000.00	HSI12600R9	12600P 2009-06 HSI - PUT...	-4	1	5
P/L	-934,292.50	MHIU9	2009-09 MHI - FUTURES	1	1	0
I. Margin	18,845.00	30Y TBM9	30Y TB JUN09	22	0	0
Margin Req.	15,076.00	30Y TBU9	30Y TB SEP09	34	0	0
Margin Excess	12,050,631.50	30Y TBZ9	30Y TB DEC09	7	0	0
%	48,106.70					
Proj. Margin	12,039,667.50					

Click  or  icon to place order. To configure Order Input Short-cut key click  icon.



AyersGTS_LITE Options Manual (Terminal) v1.10.5

Client Account Portfolio

Client A/C: Refresh **1 - test client**

Portfolio | O/S Orders | Today's Orders | Today's Trades | Info | Trade Alloc. | Calls/Contact History | **2 - Futures/Options**

Details	HKD	Code	Name	Qua...	Tod...	Tod...	Avg. P...	Nominal
Net Cash Bal.	10,000,000.00	HSI12600R9	12600P 2009-06 HSI - PUT...	-4	1	5	7250	4,14
P/L	-934,292.50	MHIU9	2009-09 MHI - FUTURES	1	1	0	17000	18,43
I. Margin	18,845.00	30Y TBM9	30Y TB JUN09	22	0	0	122.06	119.0
Margin Req.	15,076.00	30Y TBU9	30Y TB SEP09	34	0	0	121.03...	118.0
Margin Excess	12,050,631.50	30Y TBZ9	30Y TB DEC09	7	0	0	121.16...	117.0
%	48,106.70							
Proj. Margin	12,039,667.50							

Cur... Cash
HKD 10,000,000.00

Record 1 / 5

The fields in client portfolio are explained below:

Net Cash Balance	Client net cash
P/L	Compare Average price with nominal to calculate P/L
I. Margin	Total Initial margin for traded contracts
Margin Req.	Total margin require for maintain the contracts
Margin Excess	Margin Excess = Net Cash Balance + P/L - Margin Req.
%	The ratio of client net cash and initial margin
Proj. Margin	Client available Margin (Include margin used for O/S buy)

Click on "Detail" to enquire client's products P/L from different exchanges.

Detail

Trade Date	Product Code	Name	Buy	Sell	Price	Nominal	P/L
- Exchange: HKF							
8/2/2009	HHI10000F9	10000C 2009-06 HHI...	5		10500		
8/2/2009	HHI10000R9	10000P 2009-06 HHI...		1	98005		

Record 1 / 5

Client A/C: Refresh Close



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Choose different currency will convert the cash, P/L etc... values to the selected currency.

Client Account Portfolio

Client A/C: 1 Refresh 1 - test client

Portfolio | O/S Orders | Today's Orders | Today's Trades | Info | Trade Alloc. | Calls/Contact History | 2 - Futures/Options

Details: HKD (selected) | HKD | USD

Net Cash Bal. HKD -806,012.50

P/L -806,012.50

I. Margin 446,500.00

Margin Req. 446,500.00

Margin Excess 8,747,487.50

% 2,059.12

Proj. Margin 8,747,487.50

Code	Name	Qua...	Tod...	Tod...	Avg. P...	Nominal
HSI12600R9	12600P 2009-06 HSI - PUT...	-5		5	7200	4,14
30Y TBM9	30Y TB JUN09	22	0	0	122.06	119.0
30Y TBU9	30Y TB SEP09	34	0	0	121.03...	118.0
30Y TBZ9	30Y TB DEC09	7	0	0	121.16...	117.0

Cur... Cash

HKD 10,000,000.00

Record 2 / 4

In Client Account Portfolio, you can inspect the Portfolio, O/S Orders, Today's Order, Today's Trade and Info.

Order can be Update / Cancel on the "O/S" tab.

Client Account Portfolio

Client A/C: 1 Refresh 1 - Test Client 1

Portfolio | O/S Orders | Today's Orders | Today's Trades | Info | Trade Alloc. | Calls/Contact History | 2 - Futures/Options

Update Order Cancel Order

Status	Update/Cancel	Order No	B/S	Product	Product Name	Price	Quantity	Executed Qty	Inp
--------	---------------	----------	-----	---------	--------------	-------	----------	--------------	-----

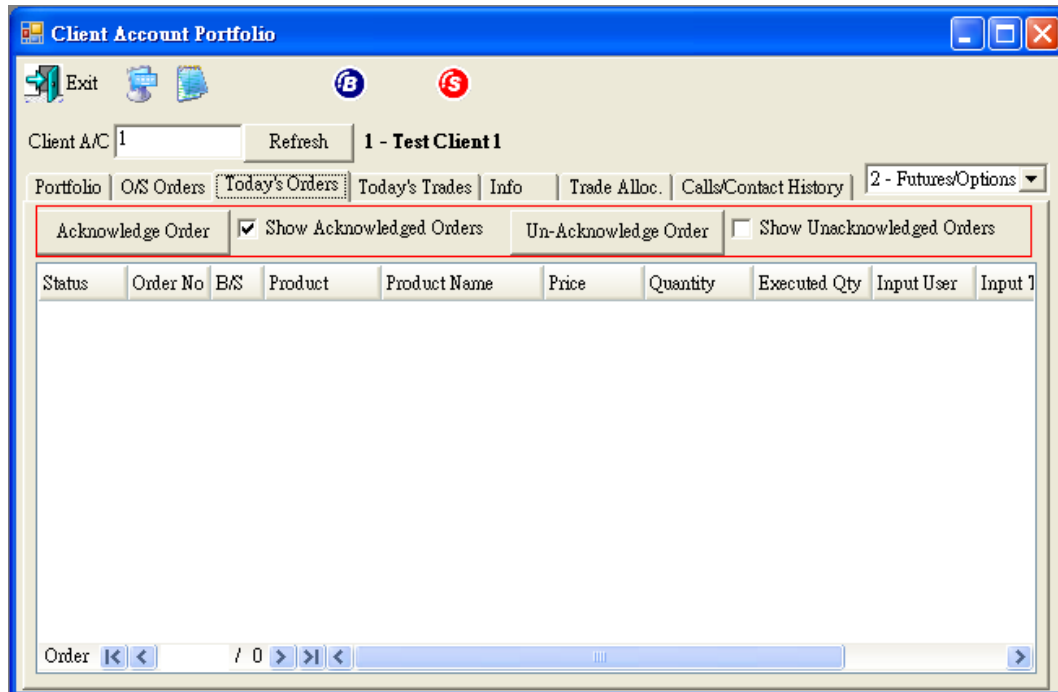
Order 1 / 1



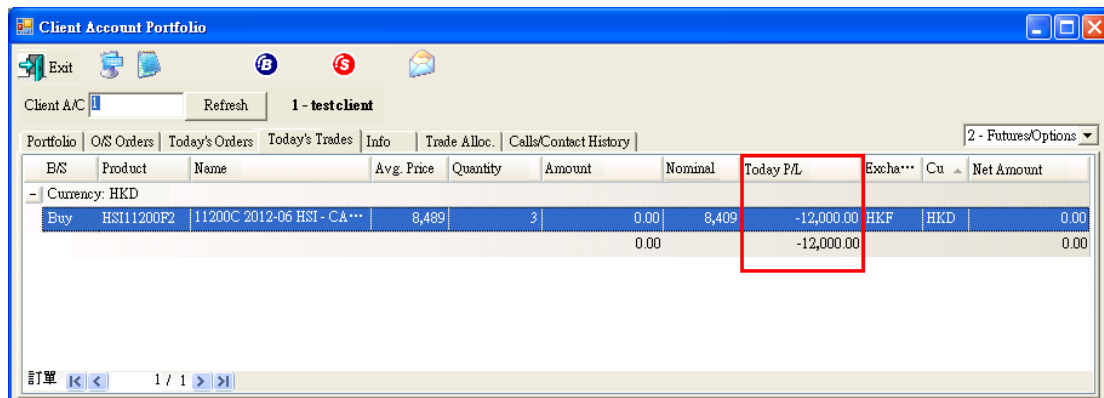
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The “Today’s Order” tab shows all the orders from today.

Order can be Acknowledge / Un-Acknowledge in this tab.



On “Today’s Trades” tab, you can inspect today Profit/Loss for all of the executed trades.



System will show different exchanges and different currencies by group.



On “Info” tab, you can inspect client’s general information.

The screenshot shows the 'Client Account Portfolio' window with the 'Info' tab selected. The window title is 'Client Account Portfolio'. The top bar contains icons for Exit, a printer, and a refresh button. Below the title bar, there is a 'Client A/C' field with the value '1' and a 'Refresh' button. The main content area is divided into several sections: 'Client A/C' (1), 'Other Info....', 'Status' (A - Active), 'Name' (Test Client 1), 'Account Type' (C - Cash A/C), 'AE' (AE01), 'Email', 'Phone No.', 'Fax No.', 'Alert Remark' (123), 'Remark', and 'Address'. At the bottom, there are checkboxes for 'No Buy' and 'Marginable Value Credit Ratio (%)'.

Click “Other Info” to enquire detail information of the client.

The screenshot shows the 'Client Account Portfolio' window with the 'Other Info' tab selected. The window title is 'Client Account Portfolio'. The top bar contains icons for Exit, a printer, and a refresh button. Below the title bar, there is a 'Client A/C' field with the value '1' and a 'Refresh' button. The main content area is divided into several sections: 'Client A/C' (1), 'Name' (Test Client 1), 'Status' (A - Active), 'AE' (AE01), 'Account Type' (C - Cash A/C), 'Email', 'Phone No.', 'Fax No.', 'Remark', 'Address', 'Alert Remark' (123), 'Trading Limit', 'Remark', 'Product Info', 'No Email Order Notification Message', 'No SMS Order Notification Message', 'No Buy', 'No Sell', 'Notification Language', 'Internet Trading', 'Generate Password', 'Login Id' (1), 'Change', 'Internet Trading' (1 - Yes (Y)), 'Real Time Quote Service', 'Real Time Quote Service User', 'Password', 'Remark', 'IVRS Trading', 'Generate Password', 'Login Id', 'Change', 'IVRS Trading', 'Calls Per Period', 'Quotes Per Call', '(Leave Blank For Default)', 'Demo Account', 'Mobile Trading', and 'Mango Trading'.

The information is for reference use only. It cannot be modified here.



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On the “Trade Alloc” tab, all trades allocate to/ from this account will be listed here.

The screenshot shows the 'Client Account Portfolio' window with the 'Trade Alloc' tab selected. The window title is 'Client Account Portfolio'. Below the title bar, there are icons for Exit, a printer, a document, and a mail icon. The 'Client A/C' field contains '1' and the 'Refresh' button is visible. The '1 - test client' label is present. The tabs include Portfolio, O/S Orders, Today's Orders, Today's Trades, Info, Trade Alloc., Calls/Contact History, and a dropdown for '2 - Futures/Options'. The 'Trade Alloc' table has columns: From, To, Exchan, Product, Name, B/S, Price, Quantity, and Channel. A single record is shown with From '>', To 'DEMO', Exchan 'HKF', Product 'HSI11...', Name '11200C 2012-06...', B/S 'B', Price '8,489', Quantity '1', and Channel 'TS'. At the bottom, a record counter shows '1 / 1'.

From	To	Exchan	Product	Name	B/S	Price	Quantity	Channel
>	DEMO	HKF	HSI11...	11200C 2012-06...	B	8,489	1	TS

On “Call/Contact History” tab; user can enquire information that need to alert or remind. User can add more information by click on “Add” button.

The remark can be print or export in menu “Report → Client A/C reports → Client Follow-up Items Listing”

The screenshot shows the 'Client Account Portfolio' window with the 'Calls/Contact History' tab selected. The 'Add' button is highlighted with a red box. The table has columns: Input Time, Remark, User, and Completed?. A single record is shown with Input Time '10/2/2010 17:19:41', Remark 'CALL BACK', User 'ADMIN', and Completed? with an unchecked checkbox.

Input Time	Remark	User	Completed?
10/2/2010 17:19:41	CALL BACK	ADMIN	<input type="checkbox"/>



5.2.14 Create Short-cut key for input client account

Click “Setting → Client Account Shortcut Key Setup”.

Shortcut...	Client A/C	Name
t	TEST	test

This function is used to create a Short Cut Key for the specific client account. Therefore you do not need to memorize all the client account number. The updated Short Cut Key will become effective immediately.

Input a number or an alphabetical character in the Shortcut Key field and, press the “Add” button and then click the “Save” icon to save the changes.

To delete one of the short-cut, highlight the record and press the “Delete” button on the keyboard. Click the “Save” icon to save the changes.

To use the short-cut, in any field which requires to input “Client Account” (e.g. In Order Input Screen), just type in the shortcut key then a “+” keystroke after.

Client A/C: TEST

Product: HKF

Price:

Qty: 0

Condition: 1 - Send Now

Trigger Price: 0

Validity: 1 - Today (DAY)

Order Expiry Date: 9 / 8 / 2010

Buy (F8) Sell (F9)

Reference1:

Reference2:

E.g. if you have setup “t” representing “TEST”, then type “t+” in the client account field will automatically translate it to “TEST”.



5.3 Update Order

There are 4 means of updating an order in “Order Journal”. To update an order, highlight the order in “Order journal” either:

1. Click on the “Update Order” icon;
2. or Click on the update order short-cut key “F5”
3. or Right click and select “Update Order”
4. or Double click on order to open “Menu”. Chose “Update Order”.

Update Order

Order No 2457 Buy NEW - Pending

Client A/C DEMO demo account

Product HSI11200F2 11200C 2012-06 HSI - CALLOPTIONS

Order Type PL - Price Limit

Price 8409 New Price 8409 ... -- +

Quantity 2 New Qty 2 ... -- +

Executed Qty 0 O/S Qty 2

Release Condition TCLS -20 +20 TS=0 M=10

Cancel Order Update Order (F5) Exit

Input the new price or new quantity and then click the “Update Order” button.

Click on “Advanced Setting” to type in remark and changed trigger price.

Advanced Setting

Reference1

Reference2

Condition

Trigger Price 20 -- +

Validity Type

Order Expiry Date 5 / 8 / 2010

OK Cancel



5.4 Cancel Order

There are 4 means of cancelling an order in "Order Journal". To cancel an order, highlight the order in "Order journal" either:

1. Click on the "Cancel Order" icon;
2. or click on the cancel order short-cut key "F4"
3. or right click and select "Update Order"
4. or double click on order to open "Menu" and chose "Cancel Order".

Order No	2457	Buy	NEW - Pending
Client A/C	DEMO	demo account	
Product	HSI11200F2	11200C 2012-06 HSI - CALLOPTIONS	
Order Type	PL - Price Limit		
Price	8409		
Quantity	2		
Executed Qty	0	O/S Qty	2
Release Condition	TCLS -20 +20 TS=0 M=10		

Click the "Cancel Order" button to cancel order.



5.5 Enquire Order Details

5.5.1 Using Order Enquiry Screen

Click “Order Input/Enq. → Order Enquiry” menu item.

Input “Order No.” field and press “Enter”. The detail of the order will be shown.

The screenshot shows the 'Order Enquiry' window with the following details:

- Order No: 2462
- Client A/C: DEMO
- Product: HSI11200F2
- Price: 8409
- Quantity: 2
- Order Type: PL - Price Limit
- O/S Qty: 1
- Release Condition: TCLS -20 +20 TS=0 M=10
- Order Expiry Date: (empty)
- Input User: ADMIN

The status bar indicates 'Buy' and 'PEX - Partially Executed'.

Price	Quantity	Time	Buy/...	Product
8,409	1	21/7/2010 11:08:14	B	HKF.HSI11200F2
Σ	1			

Record 1 / 1

This screenshot is identical to the previous one, but the '?' button next to the Order No. field is highlighted with a red box.

To search order using other criteria, click the “?” button



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Select Order No

Please Select Criteria And Click "Search" Button

Exchange : HKF
Product Code : hsi1120f2
Client A/C Code : (All)

F1 - Search

Order No	Status	Client A/C	B/S	Exchange	Product...	Price	Quantity	Executed Qty	O/S Qty
2464	WA	DEMO	Buy	HKF	HSI1120...	8429	1	0	
2462	PEK	DEMO	Buy	HKF	HSI1120...	8409	2	1	
2461	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	
2460	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	
2459	NEW	DEMO	Sell	HKF	HSI1120...	8409	2	0	
2458	NEW	DEMO	Sell	HKF	HSI1120...	8409	2	0	
2457	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	
2456	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	
2455	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	
2454	NEW	DEMO	Buy	HKF	HSI1120...	8409	2	0	

Record 1 / 11

11 Record(s) Found

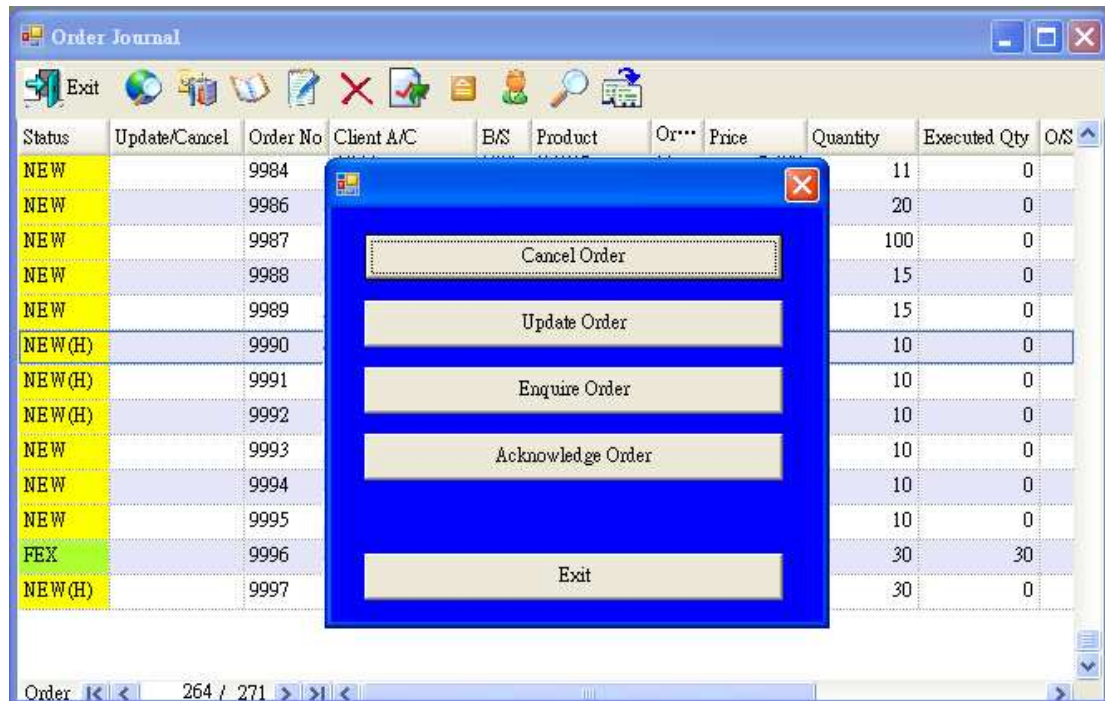
OK Cancel

Input the selection criteria and click "Search" button, all the orders fulfilling the criteria will be shown the list in the bottom. Click "OK" to show the order detail of the selected record.



5.5.2 Using Menu in Order Journal

From menu “Setup → Setting → System Setting 2”, in the field of “Double-Click Order Journal to Trigger”, if set to “Open Order functions Menu (MENU)”, then double click anywhere on the selected order in order journal, will appear a menu screen for user to select require function.





5.6 Enquire Client Information (Portfolio, Orders and Limits)

5.6.1 Using Client Information Screen (Search by client a/c code)

To enquire client information, open “Order Input/Enq. → Client Account Portfolio”. Input “Client A/C” and click “Refresh” button.

Details	HKD	Code	Name	Qua...	Tod...	Tod...	Avg. P...	Nominal	P/L (H...	Prev...	O/S...	O/S...	Excha...	Info
Net Cash Bal.	9,890,200.00	HSI11200F2	11200C 2012-06 HSI - CA...	1	0	0	8469	0	0.00	1	15	4	HKF	
P/L	334,013.00	HSINO	HK_HNGSNG JUL10	4	0	0	20018	21,051	206,600...	4				
I. Margin	1,357,135.90													
Margin Req.	976,093.51													
Margin Excess	9,248,119.49													
%	753.37													
Proj. I. Margin	8,799,769.10													

Cur... Cash
HKD 9,890,200.00

Record 1/2

5.6.2 Using Order Journal

“Client Account Portfolio” can also be launched from the “Order Journal Screen”. To enquire client information, highlight the order in the order journal and then click



“Portfolio” icon.

Status	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty	O/S Qty	Rejected
NEW		2456	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	
NEW		2457	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	
NEW		2458	DEMO	Sell	HSI11200F2	PL	8,409	2	0	2	
NEW		2459	DEMO	Sell	HSI11200F2	PL	8,409	2	0	2	
NEW		2460	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	
NEW		2461	DEMO	Buy	HSI11200F2	PL	8,409	2	0	2	
PEX		2462	DEMO	Buy	HSI11200F2	PL	8,409	2	1	1	
WA		2464	DEMO	Buy	HSI11200F2	PL	8,429	1	0	1	

Order 1/119



6 Report

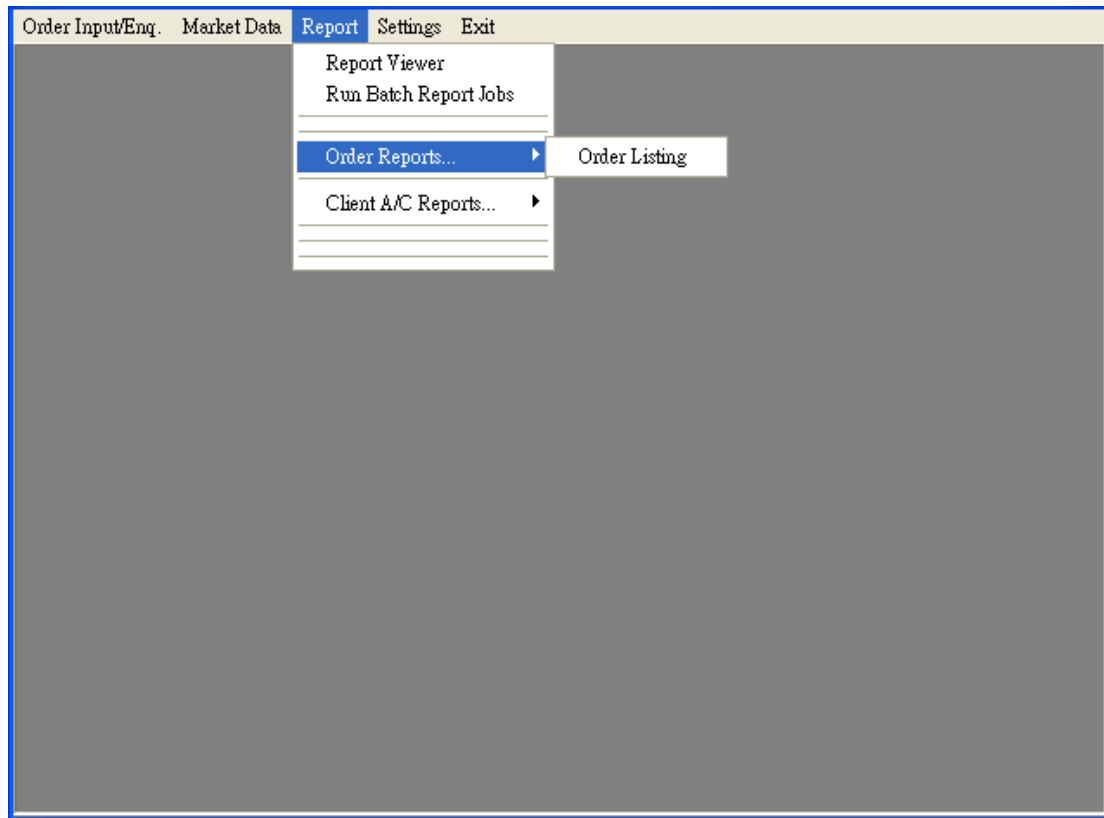
Our System already implemented the following reports for reference or export as a file.

Section	Description
Order Reports	Order Log Filled Orders Listing Unfilled Orders Listing Approved Orders Listing Order Listing Order sheet
Client Reports	Client Account Cash Position Listing Client Account Product Position Listing Client Trade Summary

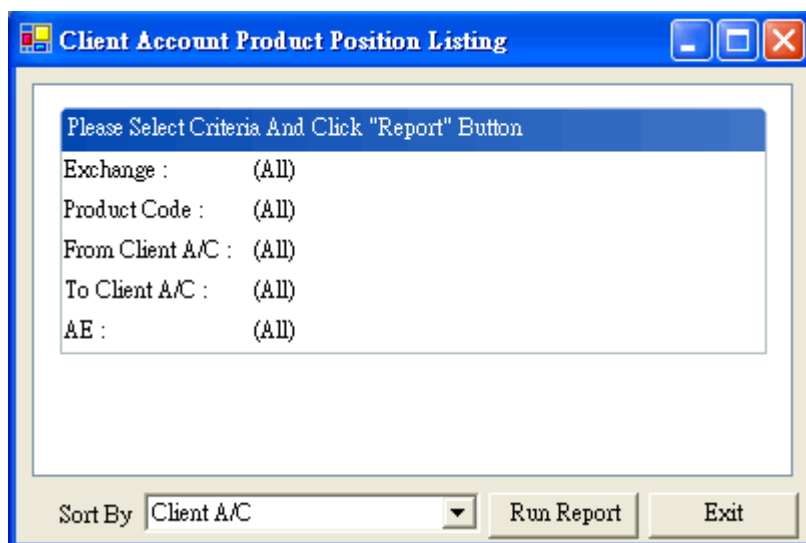


6.1 Generate a report

Click "Report" on the main menu.
Choose the desired report.



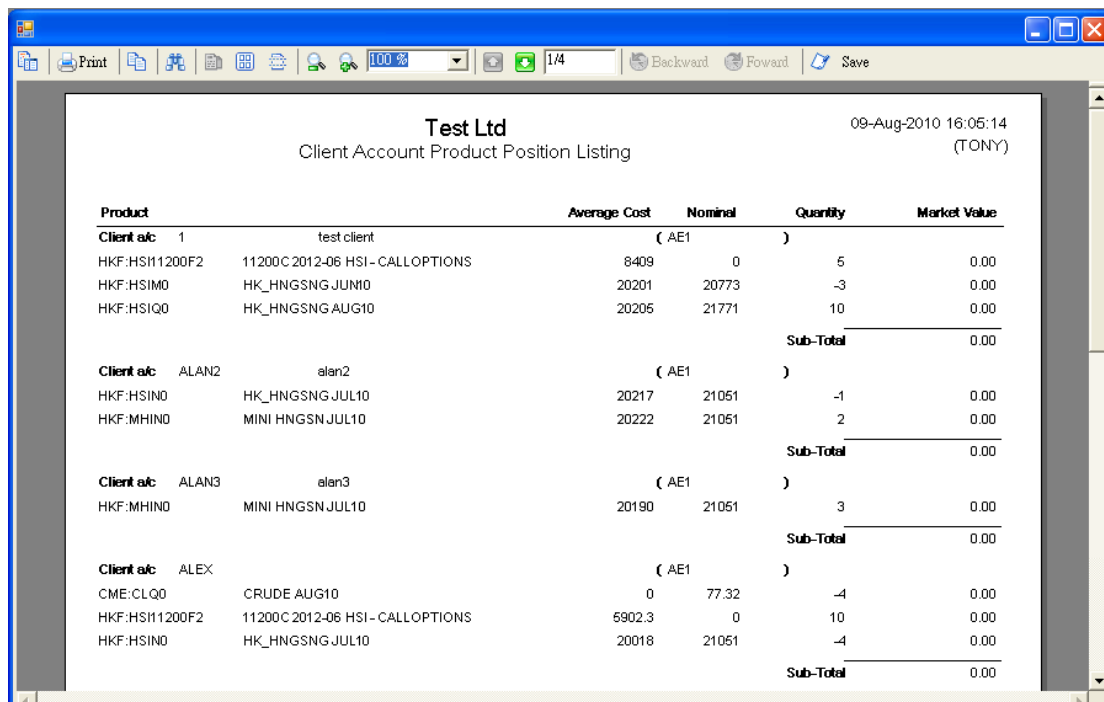
Input the criteria for generating the report.





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The report will be generated.



The screenshot displays a terminal window titled "Test Ltd" with a subtitle "Client Account Product Position Listing". The window includes a menu bar with options like Print, Backward, Forward, and Save. The main content area shows a table of client positions for "Test Ltd" as of 09-Aug-2010 16:05:14 (TONY). The table lists products, average costs, nominal values, quantities, and market values for four clients: 1, ALAN2, ALAN3, and ALEX. Each client's section is separated by a header line and ends with a "Sub-Total" row.

Product		Average Cost	Nominal	Quantity	Market Value
Client ac: 1 test client (AE1)					
HKF:HSI1200F2	11200C 2012-06 HSI - CALLOPTIONS	8409	0	5	0.00
HKF:HSIM0	HK_HNGSNG JUN10	20201	20773	-3	0.00
HKF:HSIQ0	HK_HNGSNG AUG10	20205	21771	10	0.00
Sub-Total					0.00
Client ac: ALAN2 alan2 (AE1)					
HKF:HSIN0	HK_HNGSNG JUL10	20217	21051	-1	0.00
HKF:MHIN0	MINI HNGSN JUL10	20222	21051	2	0.00
Sub-Total					0.00
Client ac: ALAN3 alan3 (AE1)					
HKF:MHIN0	MINI HNGSN JUL10	20190	21051	3	0.00
Sub-Total					0.00
Client ac: ALEX (AE1)					
CME:CLQ0	CRUDE AUG10	0	77.32	-4	0.00
HKF:HSI1200F2	11200C 2012-06 HSI - CALLOPTIONS	5902.3	0	10	0.00
HKF:HSIN0	HK_HNGSNG JUL10	20018	21051	-4	0.00
Sub-Total					0.00

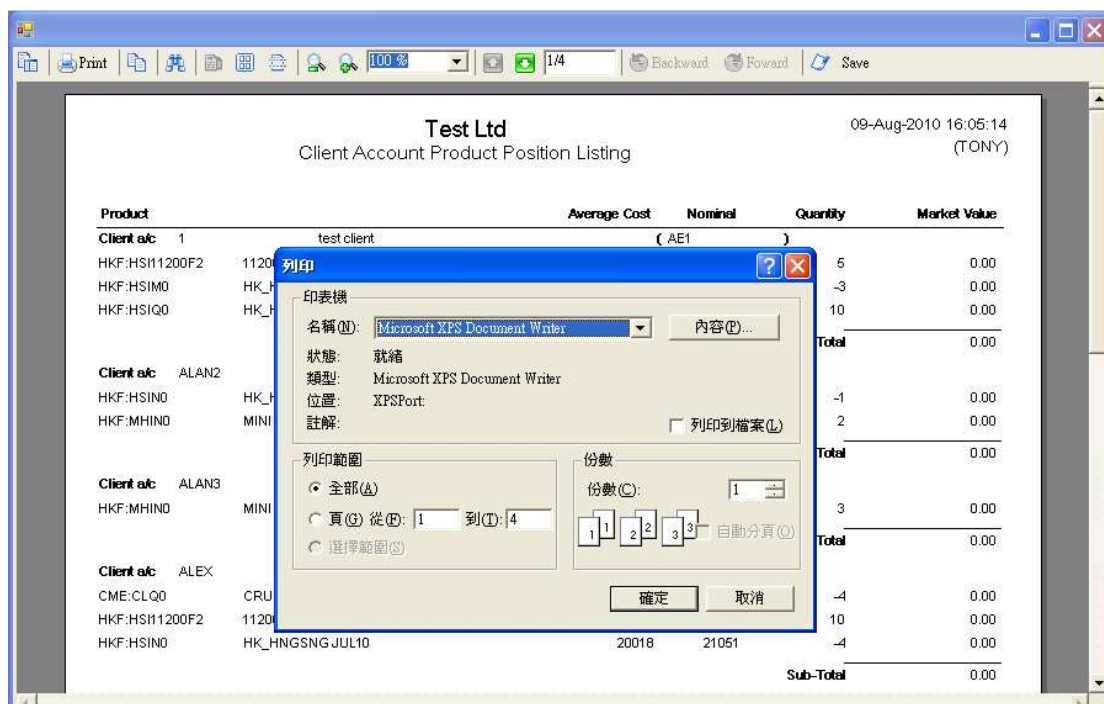


6.2 Print report

Click the “Print” button on the report menu.



Select the printer and print the report.





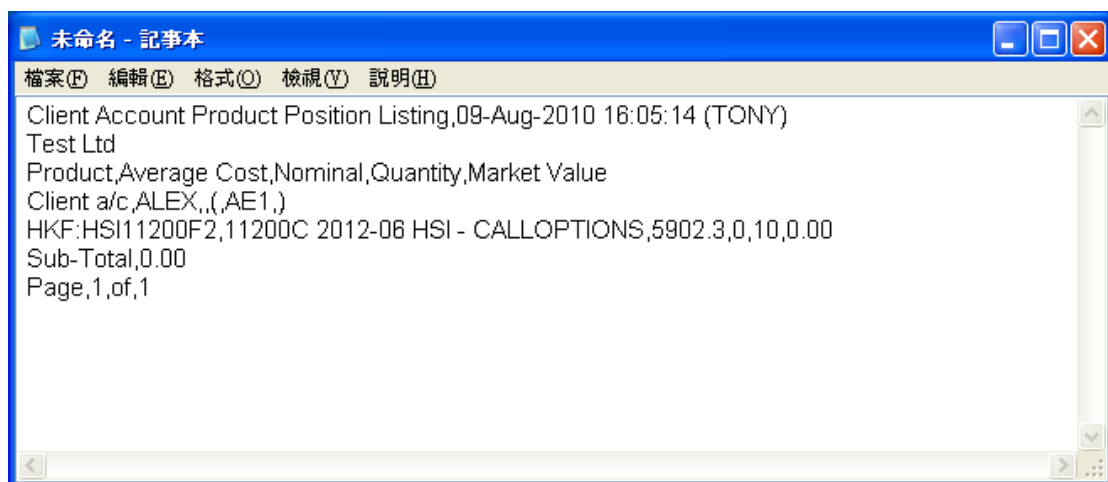
6.3 Copy text

You can copy the text of a report and paste on other application. For example, you can copy the text of a report and paste on Microsoft® Word or Notepad.

Click the “Copy” button on the report menu.



Go to Microsoft® Word or Notepad; click “Edit → Paste” on the main menu to paste the text on the word document.





6.4 Search report

You can search a word or phrase in a report.

Click the “Search” button on the report menu.



A “Find” window will be shown. Input the word or phrase to be searched in the report. Click the “Find Next” button. The searched word or phrase will be highlighted in the report.

09-Aug-2010 16:20:15
(TONY)

Test Ltd
Client Account Product Position Listing

From Client A/C : ALEX To Client A/C : ALEX

Product	Average Cost	Nominal	Quantity	Market Value
Client ac: ALEX		(AE1)		
CME:CLQ0 CRUDE AUG10	0	77.32	-4	0.00
HKF:HSI11200F2 11200C 2012-06 HSI - CALLOPTIONS	5902.3	0	10	0.00
HKF 20018	21051		-4	0.00
Sub-Total				0.00

Find

Find what:

☐ Match whole word only

☐ Match case

Direction
☐ Up ☒ Down

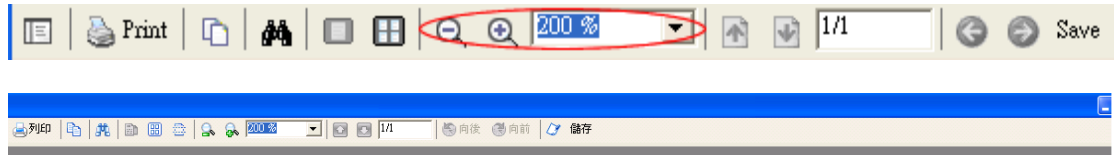
Find Next

Cancel



6.5 Zoom in/Zoom out

Click the “Zoom” button or select the desired percentage on the report menu to zoom in or zoom out a report.



Test Ltd Client Account Product Position Listing

From Client

Product	Average Cost	Nominal	Qu
Client a/c ALEX		(AE1)	
HKF:HSI11200F2	11200C 2012-06 HSI - CALLOPTIONS	5902.3	8409

Sub-



6.6 Export report

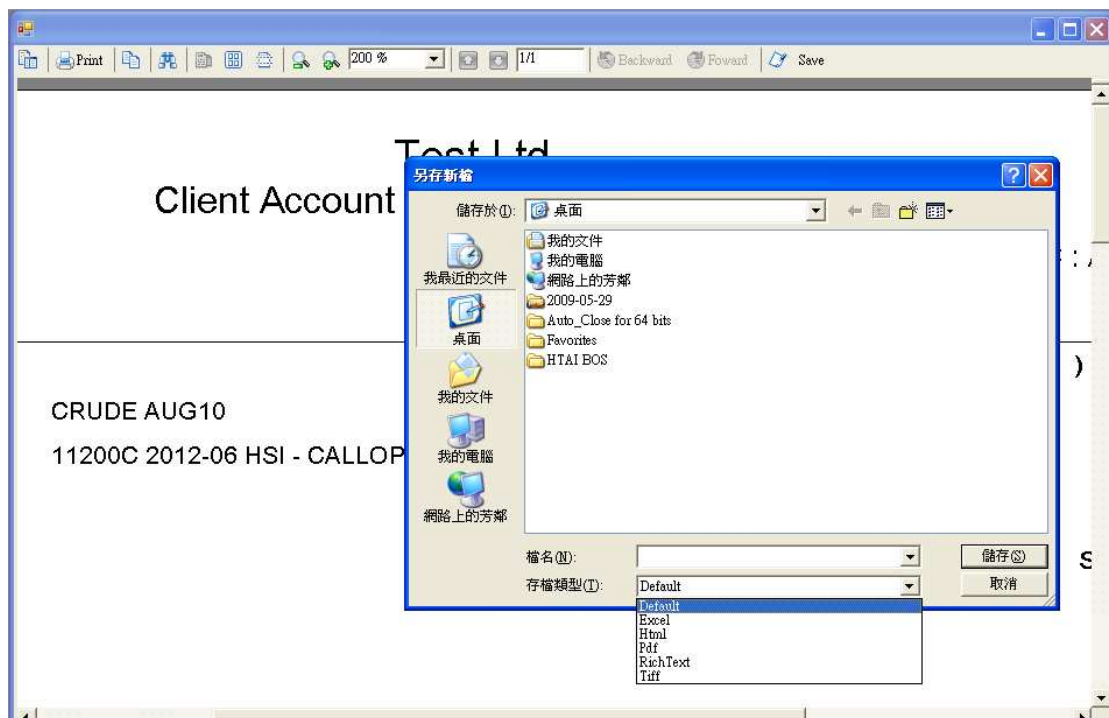
Report can be exported into the following formats:

- rpt (Default)
- Microsoft® Excel
- Html
- PDF
- Rich Text
- Tiff

Click the “Save” button on the report menu.



Input the file name. Select the location of the file to be exported and select the desired format. Then click the “Save” button.



The “Data Has Been Exported Successfully” message will be shown.

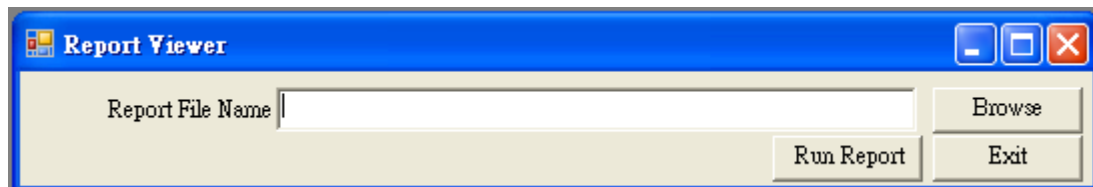




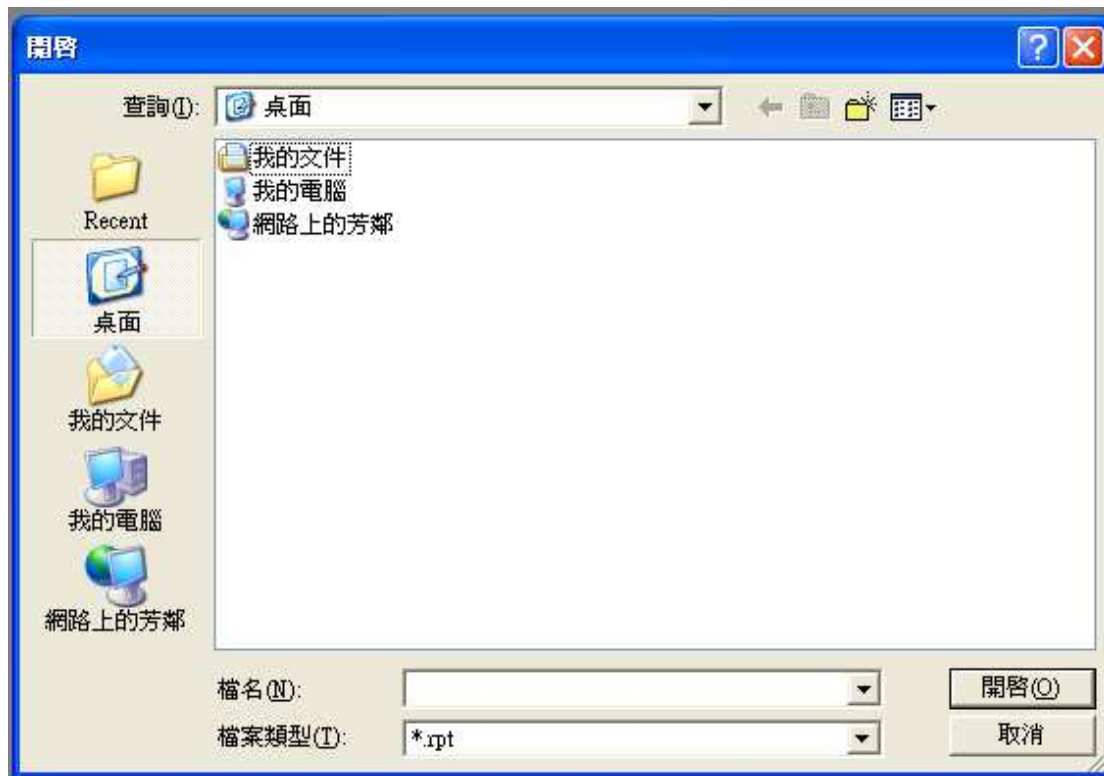
6.7 Open an existing report

Report viewer is used to open “rpt” format report.

Click “Report → Report Viewer” on the main menu.
The report Viewer window will be shown.



Use the “Browse” button to search.
Click “Open” and then “Run Report” to open the report.





7 Appendix B: FAQ

7.1 System Setting


7.1.1 Where to download AyersGTS?

Please go to our Website <http://www.ayers.com.hk/download> to download AyersGTSv19FullInstall.

7.1.2 Why sometimes cannot upgrade GTS?

Please press Ctrl+Alt+Delete at the same time, choose Task Manager, then on tab "Process", select "mts.client.exe" and end the process.


7.1.3 Why sometimes cannot login in to GTS?

- May be you have frequently entered incorrect password. Find that user in "Setup → user" window. Type in new password or press  button to reset password.
- Please check network connection.

7.1.4 What are the short-cut keys for input QTY (Quantity)?

“.” = 000, “k” = 000, “m” = 000 000, “b” = 000 000 000

7.1.5 How to use Good Till Day?

In “order input” click “Advanced Setting” icon . Chose GTD (Good till day) in the “validity” session and select an expiry date from the drop down menu. If the order not executed till the expiry date then the system will automatically cancel the order.

The order is valid for 7days (includes Sat, Sun and Public holidays), start counting from the next day that the order was placed.

7.2 Other setting

7.2.1 What does the order status code mean? (e.g. NEW, WA,)

Order Status Code	Description
NEW	The order is pending for processing
NEW (HOLD)	The order is held in the system (Program Trade)
WA	The order is waiting for approval
PRO	The order is processing
Q	The order is queuing in the market
PEX	The order is partially executed
FEX	The order is fully executed



CAN	The order is cancelled
REJ	The order is rejected

7.2.2 Where to find trade summary?

Menu “AE → Order Enquiry” click on “Trade Summary” tab.

7.2.3 Where to find out who edited the order?

Menu “AE → Order Enquiry” click on “Amendment History” tab.

7.2.4 How to add column in order journal?

Right click empty spaces in order journal and choose “Add Column(s)”. Drag the desired column(s) to the row of columns and release.

7.2.5 How to show/not show confirmation box before order submission?


- If this setting is apply to everyone, then click on menu “Setup → System Setting”. On “Setting 2” tab check/un-check to show/not show confirmation box before submitting order.
- If this setting only applies to a particular user, then click on menu “Setup → User”. On “Setting” tab, choose your desired setting and click “Save” when finish.

7.2.6 What is order acknowledgement?

This is for users to get clearer view in order journal after orders are confirmed to client. The orders that are acknowledged will be hidden from the list.

7.2.7 How to acknowledge orders?

There are three order statuses that can be acknowledged: FEX, CANCEL and REJ.

Highlight the order that is in these statuses in order journal, and click on  icon to acknowledge. The order will then disappear. If wanted these orders to be visible again, get to “Order Journal”, click “Journal Setting” select either “All” or “Acknowledge Only” in “Show Acknowledged Order”.

7.2.8 How to un-acknowledge orders?

To un-acknowledge a particular order, go to menu “AE → Client Portfolio” and input the Client A/C. On the “Today’s Orders” tab, click on “Un-Acknowledge Order” button.

7.2.9 How to use “Search Engine F1”?

Search Engine can be used when require to fill in information to the fields, e.g. (Client A/C). Press F1 in the field and the search engine will appear. Input criteria to find matched records.

If limited keywords are known, then try use “%” to aid in the search.

e.g. 1) c% t% m% will search records that begin with c, and the next word is t, and the next word is m etc...



Results: "Cxxx Txx Mxx".

e.g. 2) %client will search records that contain client.

Results: "Client 2"
"Testing client"
"Client test"

7.2.10 Which sound format is supported in "Order Journal" setting?

"WAV" is the only sound format supported in "Order Journal" setting.

7.2.11 How to display order reference in Order Journal?

Right click in order journal and select "Add columns". Drag column "Reference" to the order journal and drop it with other columns.

7.2.12 How to cancel/update multiple orders?

Multiple orders can only be updated under the conditions of having the same client, product and buy/ sell type.

In order journal, select the order (hold "Ctrl" key to highlight multiple orders), either click on the update icon or use short-cut key to update multiple orders.

To cancel multiple orders (hold "Ctrl" key to highlight multiple orders), either click on the cancel icon or use short-cut key to cancel multiple orders.

7.2.13 What are the consequences of increase of order quantity?

If increase order quantity of a trade that is in queue, that trade will be cancel and the system will place a new order with the modified quantity, which means that the order will have to queue again.

7.2.14 How long will the trade data be hold in the system?

The system will hold seven days of trade data.

7.2.15 What are the suffixes (-D, -E) of order numbers means?

-D stands for orders inputted from Demo account

-E stands for orders that are executed from other systems



7.3 *Generating Report*

7.3.1 What are the codes stands for in "Order List" and "Order Sheet"?

A: The Approval time of the trade.
F: The Fill time of the trade.
K: The Acknowledge time of the trade.
I: The Input time of the trade.
M: The Modified time of the trade.
C: The Cancelled time of the trade.

7.3.2 What are the differences between order listing and order sheet?

The display format is different and Order listing will show the filled QTY and outstanding QTY of the order.

7.3.3 How to find out all unfilled orders?

Menu "Report → Orders Report → Unfilled Orders Listing"



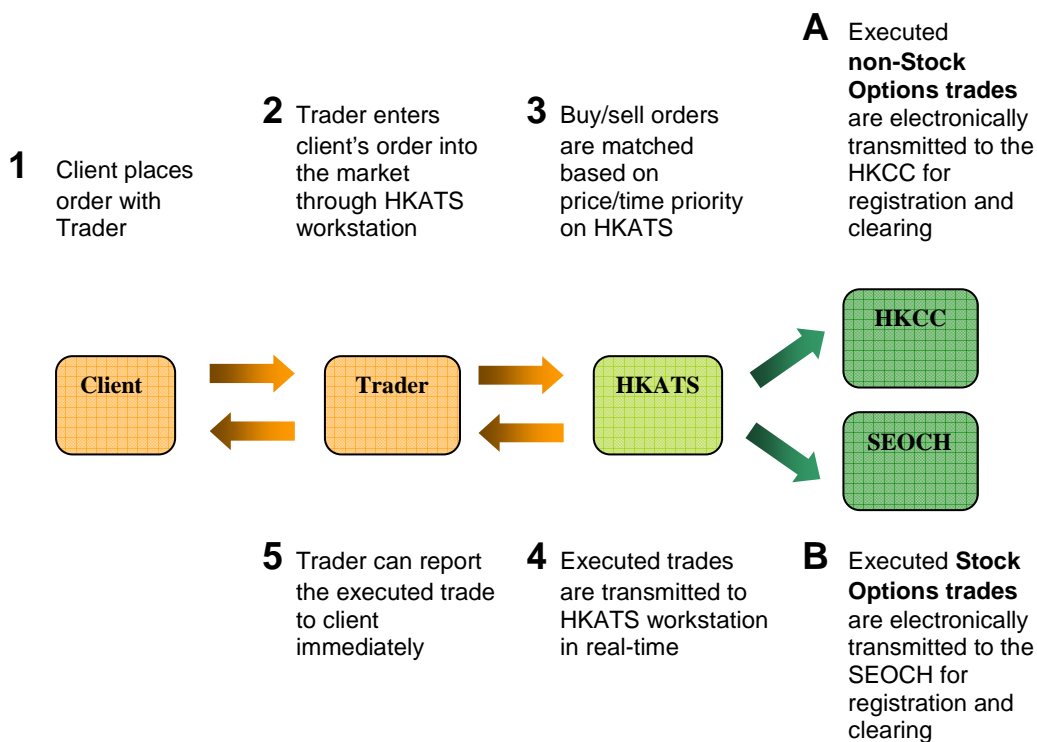
7.4 Trading Mechanism

Overview

7.4.1 Trading Processes

With HKATS, orders are placed electronically into the Central Orderbook. The system automatically matches the corresponding buy or sell orders in real-time based on price/time priority. The executed trade is reported back to the Trader who can then confirm the trade immediately with his client. At the same time, the trade information, depending on what product the trade relates, is transmitted to the HKFE Clearing Corporation Ltd (HKCC) or The SEHK Options Clearing House Ltd (SEOH) where appropriate for registration and clearing.

The process is expressed diagrammatically as follows:





Order Types Available

7.4.2 Auction Orders

Auction orders are placed without a limit price and are only for the pre-market opening period. An auction order is an order to buy or sell in the market at the COP. All auction orders will be displayed and matched on a time priority basis. Unmatched auction orders are converted to limit orders on the market open.

7.4.3 Limit Orders

Limit orders will be matched automatically by HKATS if the COP is at the limit price or better. Limit orders with a bid that is higher than the COP or an ask price that is lower than the COP will be displayed at the COP. Any unmatched limit orders entered during the pre-opening period will remain as limit orders after the market open.

7.4.4 Inactive Orders

Users can also enter inactive orders in AyersGTS during the pre-market opening and it has the option of activating these orders later.

7.4.5 Order Amendment and Cancellation

Orders resident in the Central Orderbook may be amended, cancelled or inactivated only during the period of 30 minutes before the opening of each trading session or during trading hours. During the period of 30 minutes before the opening of a trading session, users can modify information of the orders, change the duration of validity and reduce the quantity of the order. Such actions will not affect the time priority of valid orders. However, any attempt to amend the order price or increase the order quantity during the period of 30 minutes before the opening of a trading session will result in the cancellation of the order and the entry of a new inactive order.

7.4.6 Bulletin Board

The Bulletin Board allows users to define as well as place limit orders for futures and options strategies into the market place. Such orders are recorded in a separate orderbook - the Bulletin Board Orderbook.

The Bulletin Board accepts combination of HSI Futures and HSI Options contracts in a Bulletin Board Order. However, for stock options strategy, each Bulletin Board Order is confined to stock options contracts of a single stock option class.

As HKATS Bulletin Board will **NOT** automatically match acceptable orders, users must follow the guided sorting priority (including price/time) during execution and placement of bulletin board orders.

In order to avoid confusion caused by '**reversed order**', i.e. an order that is comprised of the same components but with reversed Buy/Sell legs, users must check the existence of matchable order prior to placing any bulletin board order in the market



place. Since identical orders are placed according to the price-time priority; users have to execute the top order amongst identical strategy to avoid the Bulletin Board trades being executed not in compliance with the price/time priority principle. Bulletin Board trades found to be not in compliance with the principle will be deemed to be invalid.

Disclaimer: The HKEx information in this manual is for reference only. You should check with HKEx for the most updated and detailed information.