



AyersGTS\_LITE

User Manual

By

Ayers Solutions Limited



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## 1 Introduction

This User Guide provides a step-by-step instruction on how to use the Ayers Global Trading System\_LITE (**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 a securities trading system with comprehensive functionality which can facilitate efficient and effective workflow in the entire trading.

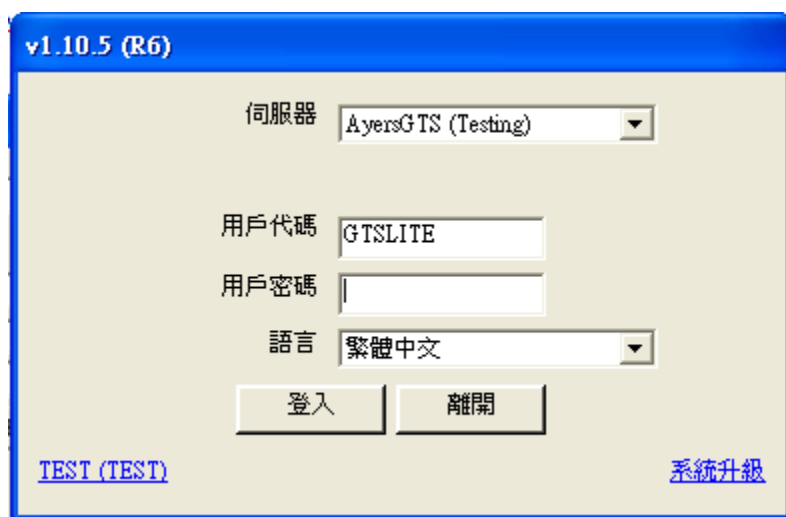
Designed with the most advanced technology, AyersGTS\_LITE is scalable to suit Individual investors. It can be securely deployed as an Internet application externally. To provide users with stable, reliable, fast, efficient and cost-effective trading platform.



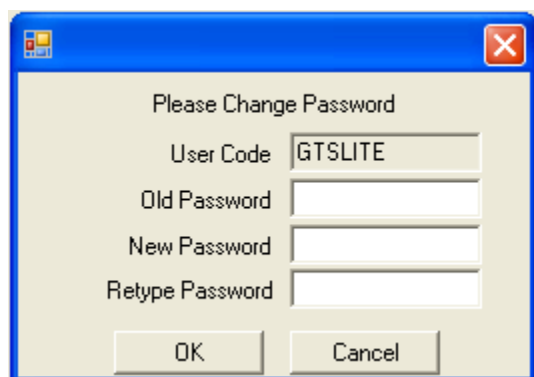
## 3 Getting Started

### 3.1 Login

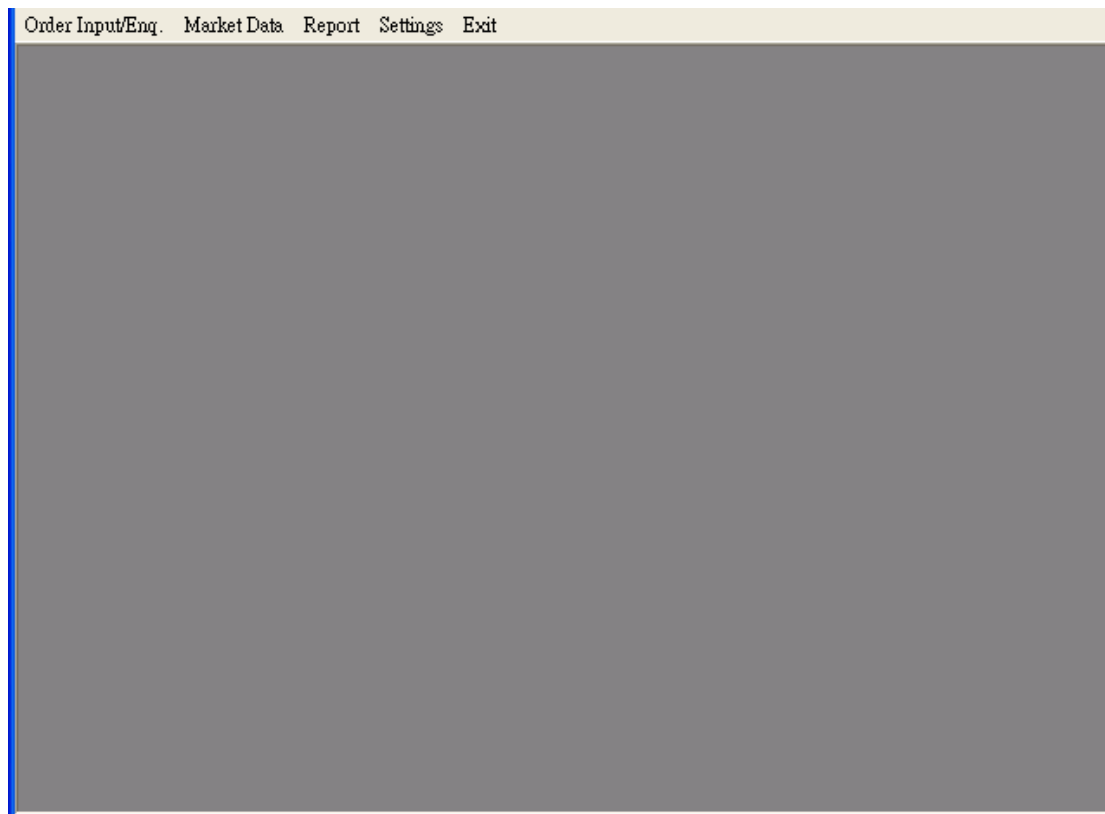
- (a) Switch on computer
- (b) Double click the “AyersGTS\_LITE” icon, AyersGTS\_LITE login screen will be shown.



- (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.

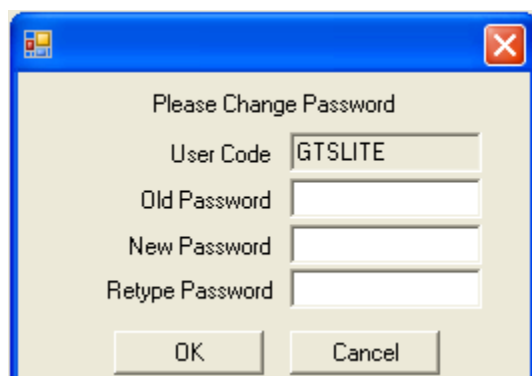


- (e) Input New Password followed by the Retype Password, then click “ok” button. The system will change your password with immediate effect.
- (f) After Login, the main window will appear.



### 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\_LITE workspace.






The Main Menu has the following items:

Menu	Description
Order Input/ Enq.	Contains order input, client account portfolio
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.

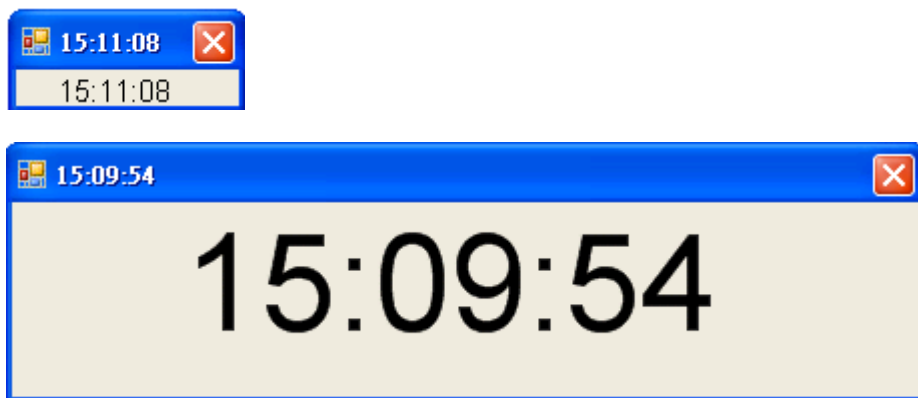
The graphic representation and the respective meaning for each of them are listed below:

Icons	Description
	Exit the current window
	Clear the current fields
	Open an existing record to edit
	Save the current record
	Delete the current record



### 4.3 Clock

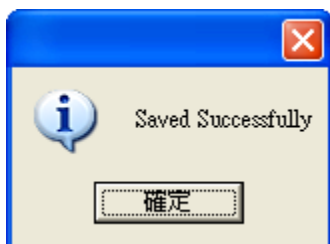
On menu “Setting → Clock” to display the time at exchange. System clock can be resized.



### 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?”



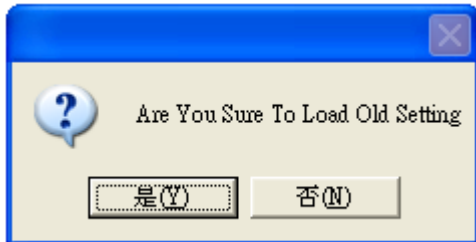
The “Saved Successfully” message will be shown.



#### 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?”

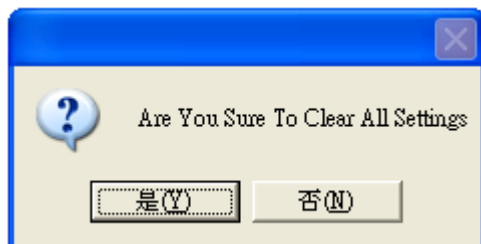


The saved desktop setting will be loaded.

#### 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



## 4.8 Change User Setting (Setting)

**Change User Setting**

Exit

User Code: ADMIN

Setting | Shortcut Key | Exchange

**Order Input**

Show Confirmation Box Before Order Submit: N - No

Show Confirmation Box Before Order Cancel: (Default)

Retain Last Input Client A/C: Y - Yes

Retain Last Input Order Type: Y - Yes

Retain Last Input Buy/Sell: Y - Yes

Change Background Colour When Buy/Sell Changed: Y - Yes

Use Cancel/Replace Mechanism To Update Order: (Default)

Only Validate Client/Product When Send: Y - Yes

Default Exchange: HKEX

Price Of Price Quote Window Auto-Filled To: 4 - Focused Order Input Window (F)

Product Of Order Input Window Auto-Filled To: 2 - Left-topest Price Quote Window (F)

Client a/c Of Order Input Window Auto-Filled To: 4 - Focused Client Portfolio Windows

Double-Click Order Journal To Trigger: 3 - Open Order Functions Menu (ME)

Right-Click Order Journal To Trigger: 2 - Show Menu, Update Order (CR)

Password Confirm Order Input: N - No

Retain Last Input Product: Y - Yes

Retain Last Input Price: Y - Yes

Retain Last Input Quantity: Y - Yes

Auto Show Product Bid/Ask Price: Y - Yes

Allow Split Large Lot Order: Y - Yes

Disallow Increasing Order Qty: (Default)

Approve Own Order Alert?: Y - Yes

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"><li>1. New Order Input Window: -Open a new order input window</li><li>2. Left-topest Order Input Window -Send the price to the Left-topest Order Input Window</li><li>3. All Order Input Window -Send the price to all order input window</li><li>4. Focused Order Input window -Send the price to the focused order input window</li></ol>
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"><li>1. None -None of product code will auto-filled to real time quote window</li><li>2. Left-Topest Price Qutoe Window -send the product code to the left-topest price quote window</li><li>3. All Price Quote windows -send the product code to all price quote windows</li><li>4. Focused Price Quote Window -Send the price to the focused price quote window</li></ol>
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"><li>1. None - None of Client a/c of order input will auto-filled to Client portfolio</li><li>2. Left-topest Client Portfolio Window -send the client code to the left-topest client protfolio</li></ol>



	<ul style="list-style-type: none"><li>3. All Client Portfolio Windows -send the client code to all client portfolio windows</li><li>4. Focused Client Portfolio Windows -send client a/c code to the focused client portfolio windows</li></ul>
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.



## 4.9 Change User Setting (Shortcut Key)

Change User Setting

User Code: ADMIN

Setting | **Shortcut Key** | Exchange

☐ Move Cursor When Buy/Sell Pressed

Buy	F8			Go To Client	None		
Sell	F4			Go To Product	None		
Sell Portfolio	F5			Go To Price	None		
Buy Market	F2			Go To Qty	None		
Buy Best Bid	F3			Go To Order Type	None		
Sell Market	F10			Lock/Unlock Client	None		
Sell Best Ask	F11			Lock/Unlock Product	(No Shortcut Key)		
Price Up	Up			Lock/Unlock Price	(No Shortcut Key)		
Price Down	Down			Lock/Unlock Qty	(No Shortcut Key)		
Qty Up	None			Lock/Unlock Type	(No Shortcut Key)		
Qty Down	None			Enquire Order	D1, Shift		
Hold Last Own Order	None			Enquire Transaction	D2, Shift		
Hold All Own Orders	F8			Send	Insert		
Release Last Own Order	None			Clear Current Field Value	C, Alt		
Release All Own Orders	F5			Clear	Escape		
Cancel Last Own Order	(No Shortcut Key)			Settle Last Own Trade	None		
Cancel All Own Orders	Space			Go To Next Window	G, Shift		
Go To Next Window Group	J, Control			List Active Clients	None		
Portfolio	P						

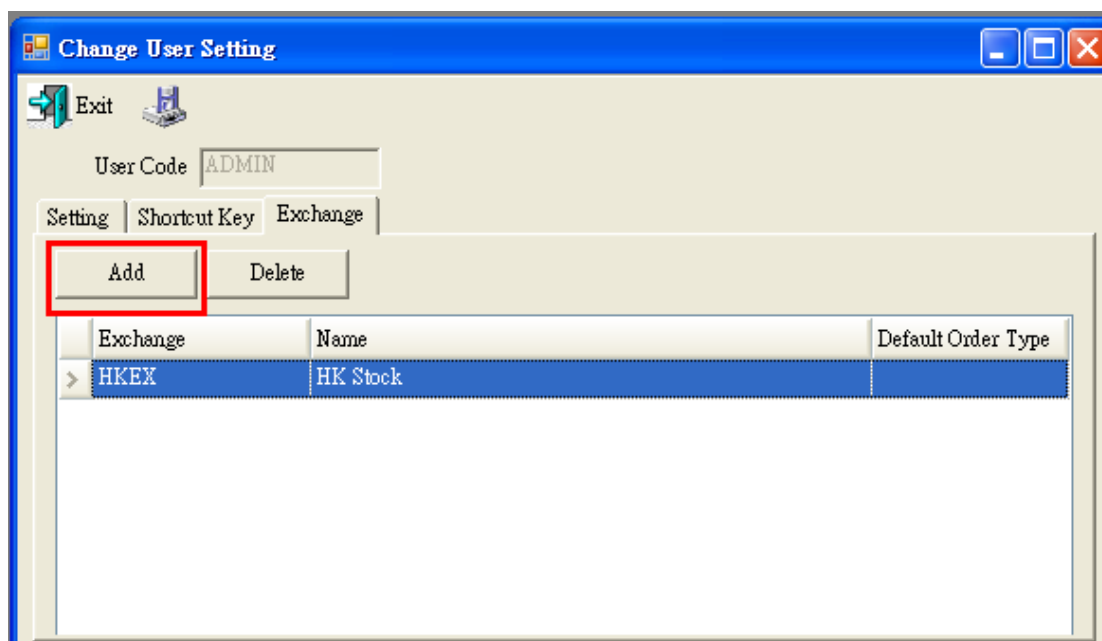
Shortcut key	Description
Buy	Buy shortcut in order input layout
Sell	Sell shortcut in order input layout
Sell Portfolio	Sell all the products in client portfolio
Buy Market	Buy by the market price
Buy Best Bid	Buy by the best bid price
Sell Market	Sell by the market price
Sell Best Ask	Sell by the best ask price
Price Up	Increase one price spread
Price Down	Decrease one price spread
Qty 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

#### 4.10 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.

#### 4.11 Screen Lock

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

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

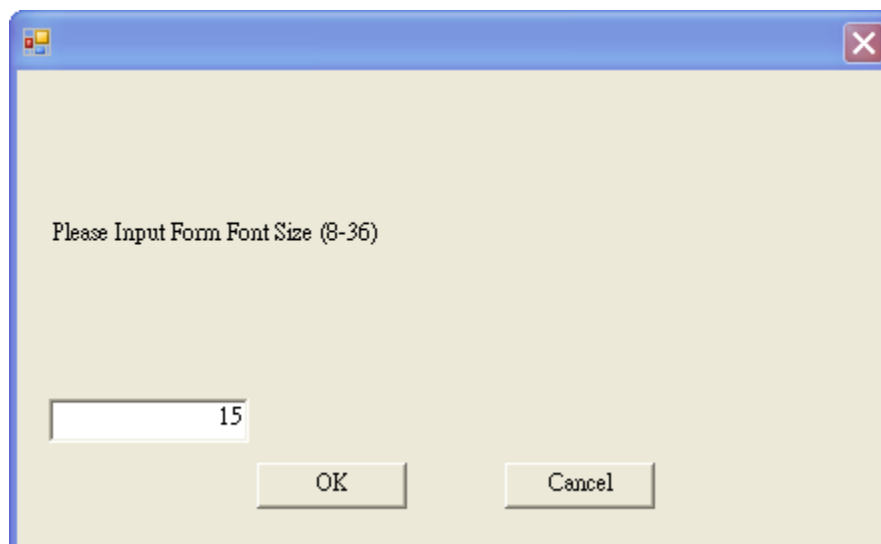
#### 4.12 Scale Form Size

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

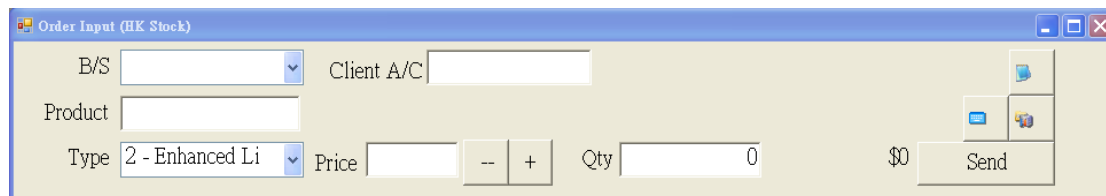
Order Input (HK Stock)  
B/S: [dropdown] Client A/C: [text]  
Product: [text]  
Type: 2 - Enhanced Price: [text] -- + Qty: 0  
Lock Window Position/Size  
Assign Window Group No.  
Choose Foreground Colour...  
Choose Background Colour...  
Reest Foreground/Background Colour  
Scale Form Size



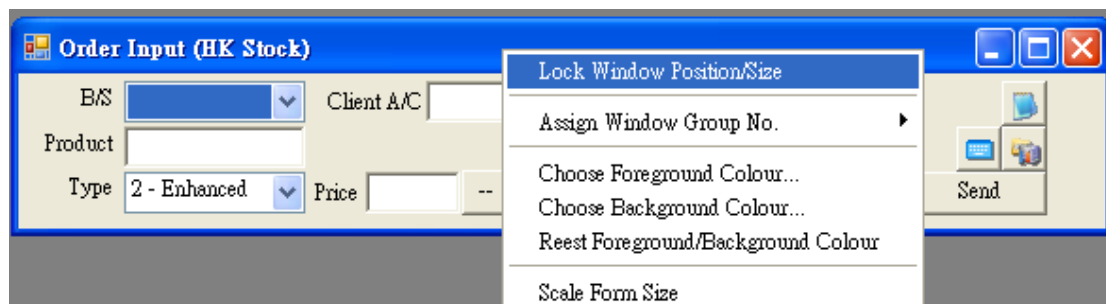
Input the size of this window and click “OK”



Then, it will be larger or smaller.



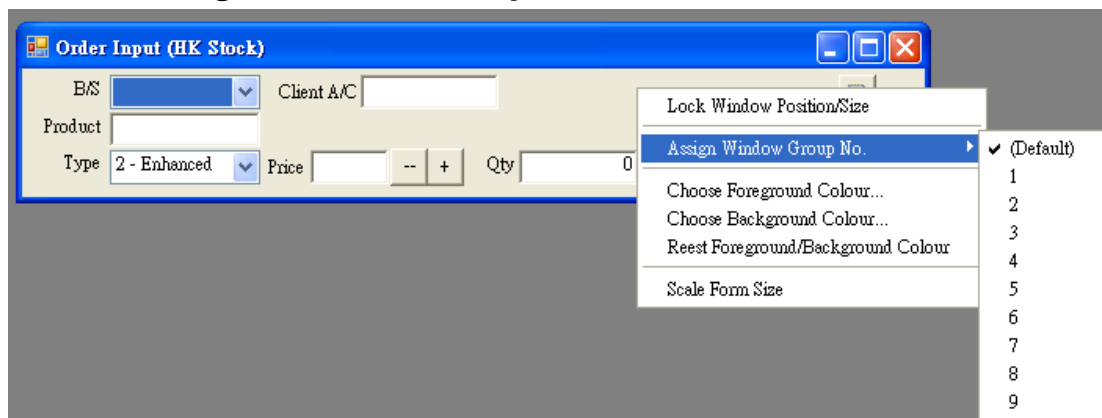
#### 4.13 Lock Window Position/Size



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.



## 4.14 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. → AE Order Journal” menu item



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
	Always show bottom record	Always show bottom record

### 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-clicking 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.

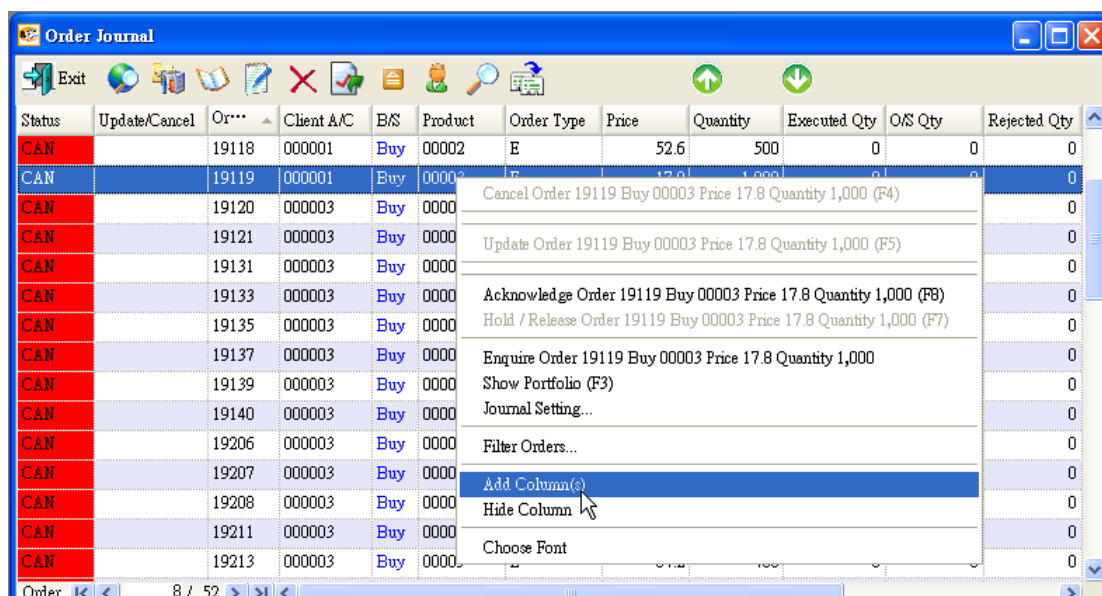
Display Column	Description	Values
Order No	The Unique Number for each Order	
Client A/C	Client Account code	
Client A/C Name	Client Name	
Buy/Sell	B = Buy, S = Sell	



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 (MWS) – queued at MWS Q – Queued in exchange REJ – Rejected PEX – Partially filled FEX – Fully executed
Order Status Description	Order status in detail	
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	To show which dealer has taken the order	
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?	To show whether the order has been acknowledged	
Update/ Cancel	To 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	To show the priced update/cancel	
Update/Cancel QTY	To show the QTY update/cancel	
Channel	To show which channel the order is input from.	TS = Trading Terminal, I = Internet
Order Type		L = Limit Order, E = Enhanced Limit, S = Special Limit, I = At - Auction Limit, A = At - Auction
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	
Exchange Order Time	Order Time from exchange	
Release Condition	For Held Order (Only) the condition which the held order will be released	
Reference1	Reference remark 1 which input in Order input	
Reference2	Reference remark 2 which input in Order input	
Approve Reason	Order Approve Reason	
No.	Order No. in order journal	
Auto-Notify Channels	Through which channels to auto-notify clients if the order is executed, rejected or cancelled.	
Order Internal Id	Order Internal Id No.	
CD Order No	CD Order No.	
Settle	Click the “settle” will prompt out a settle order if the order is executed or partial executed.	
Condition	The order type and adv. setting	
Trigger Price	The order's trigger price	
Target Price	The order's target price	
Stop Price	The order's stop price	
Trailing Stop Price	The order's trailing stop price	
Next Trailing Stop Trigger	The order's next trailing stop trigger	



If you need to add a new column, just right click on the empty space and choose “Add Column”



The screenshot shows the 'Order Journal' window with a table of orders. A dialog box titled 'Drag The Field To...' is open, allowing a user to drag a field from the 'Ex Approve Reason' column to another column. The table has the following columns: Status, Update/Cancel, Or..., Client A/C, B/S, Product, Order Type, Price, Quantity, Ex Approve Reason, and ected Qty. The table contains 18 rows of order data. The dialog box lists the following fields: Exchange Device, Update/Cancel Price, Update/Cancel Qty, Release Condition, Reference1, Reference2, Approve Reason, No., and Auto Modify Channel.

Status	Update/Cancel	Or...	Client A/C	B/S	Product	Order Type	Price	Quantity	Ex Approve Reason	ected Qty
CAN			19118	000001	Buy		52.6	500	0	0
CAN			19119	000001	Buy		17.8	1,000	0	0
CAN			19120	000003	Buy		84.1	400	0	0
CAN			19121	000003	Buy		52.65	500	0	0
CAN			19131	000003	Buy		43.6	500	0	0
CAN			19133	000003	Buy		43.6	500	0	0
CAN			19135	000003	Buy		2.12	1,000	0	0
CAN			19137	000003	Buy		52.65	500	0	0
CAN			19139	000003	Buy		2.1	1,000	0	0
CAN			19140	000003	Buy		2.1	1,000	0	0
CAN			19206	000003	Buy	00006 E	43.55	500	0	0
CAN			19207	000003	Buy	00003 E	17.86	1,000	0	0
CAN			19208	000003	Buy	00005 E	84.2	400	0	0
CAN			19211	000003	Buy	00003 E	17.86	1,000	0	0
CAN			19213	000003	Buy	00005 E	84.2	400	0	0

You can drag and drop the chosen column i.e. Approve Reason in the Order Journal Column and place it onto the desired position like the diagram on next page.





### 5.1.3 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
Show Input Users' Order (Not for GTS	Only show orders of a specified User. Leave





Lite user)	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

#### 5.1.4 Filter in Order Journal

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



The filter row will be appeared as the first row of the order journal. Select the desired criteria and input the criteria to filter the orders in the order journal.

E.g. Client A/C:



The order journal will show the filtered orders only.



Status	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty	O/S Qty
Q		20279	1	Buy	00003	E	21.1	1,000	0	

Order 1 / 1



## 5.2 Input Order

There are several order input layouts to choose for placing order.

### 5.2.1 Using Order Input Screen

Click “Order Input/Enq. → Order Input (HK Stock)” menu item.

Order Input (HK Stock)

Buy: 1 - Buy (B) Client A/C: TESTLITE Test Lite

Product: 00001 CHEUNG KONG (HOLDINGS) LIMITED

Type: 1 - Price Limit Price: 100 -- + Qty: 1,000 \$100,000 Send

Type in the order information and click “Send”.

Click “Order Input/Enq. → Order Input (HK Stock, Layout 1)” menu item. The check box allows you to lock the inputted field. Inputted field will retain on the next order if checked.

Order Input (...)

Buy: 1 - Buy (B)

Client A/C: LITE LITETEST

Product: 00001

CHEUNG KONG (HOLDINGS) LIMITED

2 - Enhanced Limit [checked]

Price: 105.5 -- +

Qty: 1,000

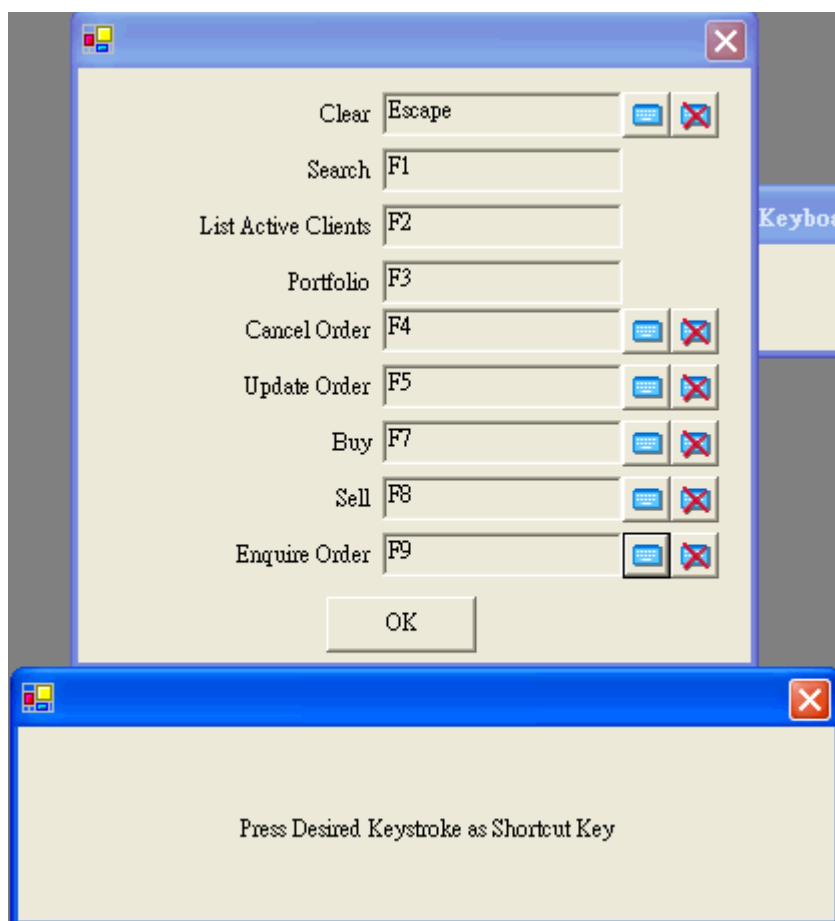
\$105,500 Send

Click “Order Input/Enq. → Order Input (HK Stock, Layout 2: For Keyboard Use)” menu item.

Order Input (HK Stock, Layout 2 : For Keyboard Use)

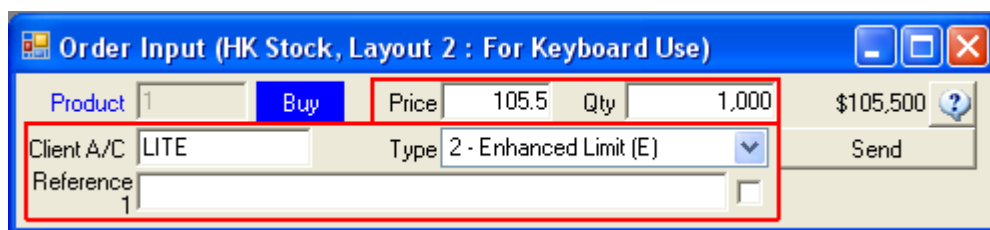
Product: [ ] ?

Press to view short cut keys in layout 2.

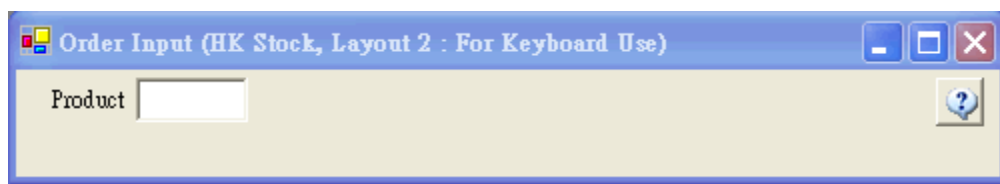


To change Shortcut key, click  and press a key as a Shortcut Key.

i.e. To place order, input product code and then press F7, the information fields will appear as follow:



If you want to clear all the information, press “Esc” return to the initial screen.






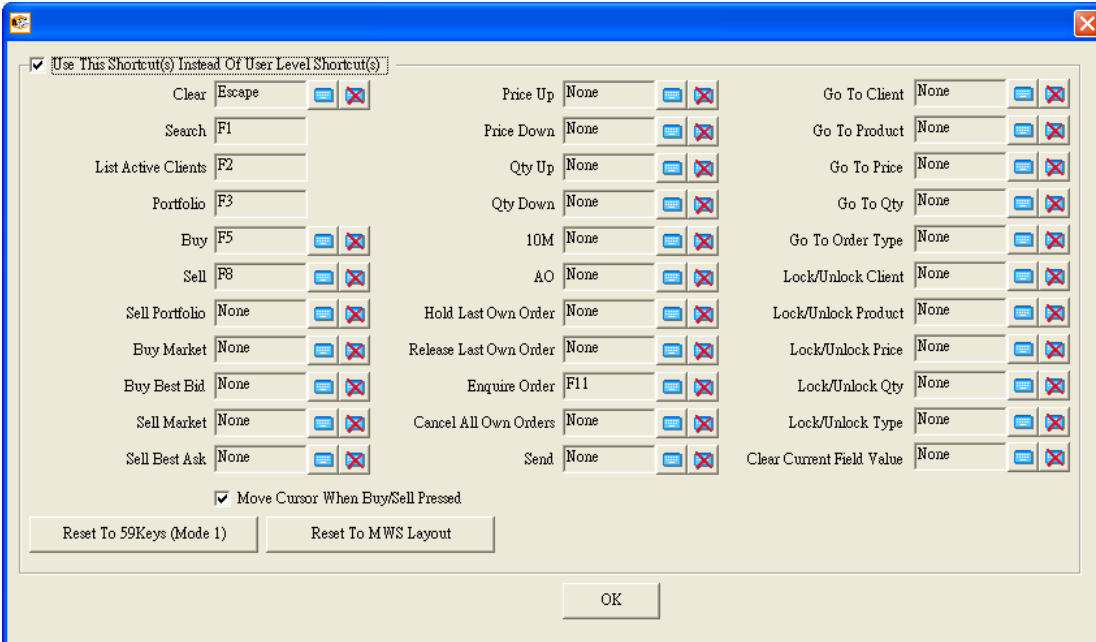
Click “Order Input/Enq. → Order Input (HK Stock, Layout 3)” menu item.

The “Max” function is to calculate the maximum quantity of the product that the appointed client can buy.

Click “Order Input/Enq. → Order Input (HK Stock, Layout 4)” menu item.



Press the  icon to setup shortcut keys. The shortcut key setup page can map with 59-keys keyboard/ MWS keyboard to use in Order Input Layout 4.



☒ Use This Shortcut(s) Instead Of User Level Shortcut(s)

Clear	Escape	Price Up	None	Go To Client	None
Search	F1	Price Down	None	Go To Product	None
List Active Clients	F2	Qty Up	None	Go To Price	None
Portfolio	F3	Qty Down	None	Go To Qty	None
Buy	F5	10M	None	Go To Order Type	None
Sell	F8	AO	None	Lock/Unlock Client	None
Sell Portfolio	None	Hold Last Own Order	None	Lock/Unlock Product	None
Buy Market	None	Release Last Own Order	None	Lock/Unlock Price	None
Buy Best Bid	None	Enquire Order	F11	Lock/Unlock Qty	None
Sell Market	None	Cancel All Own Orders	None	Lock/Unlock Type	None
Sell Best Ask	None	Send	None	Clear Current Field Value	None

☒ Move Cursor When Buy/Sell Pressed

Reset To 59Keys (Mode 1)    Reset To MWS Layout

OK



Click “Order Input/Enq. → Order Input (HK Stock, Layout 5)”.

Order Input (HK Stock, Layout 5)

Client A/C 1  
Test Client 1

Product 00001  
CHEUNG KONG (HOLDINGS)  
LIMITED

Price 99  
Qty 1,000  
Max \$ 99,000

Condition 1 - Send Now  
Trigger Price 0

Validity Type 1 - Today (DAY)  
Order Expiry Date 14 / 2 / 2010

Reference1  
Reference2

Buy (F4) Sell (F5)

Max \$... Max AO

Amount

100000

OK Cancel

The “Max\$” function is to calculate the maximum quantity of the product that the appointed client can buy within the amount.

Tick the “AO” box will change the order type to “At Auction Market” otherwise, the order type will inherit from the setting “Default Order Type” in “Setup → Exchange”.



Click “Order Input/Enq. → Order Input (HK Stock, Layout 7)” menu item.

“Order Input” fields are list below:

Field	Description
Buy/Sell	“1”=Buy or “3”=Sell
Client A/C	Input Client a/c, or use shortcut key to input, see section “Create shortcut key input for client account”, or press “F1” to search
Product	Stock Code, or press “F1” to search
Order Type	“1”=Price Limit “2”=Enhanced Limit “3”=Special Limit “7”=At-Auction Limit “8”=At-Auction Market
Price	“+” = increase one spread, “-” = decrease one spread
Quantity	“+” = add one lot, “-” = subtract one lot Short-cut key : Press 1 & “.” or 1K = 1000 1M = 1 million 1B = 1 billion Remarks: i.e. If QTY=1500 cannot input 1.5K as a short-cut

After filled in all the information, click “Send” button to send the order. The order is check against with the credit limit policy before submit to Exchange.





### 5.2.2 Program Trade

AyersGTS\_LITE supports program trade by introducing “hold” order function. A “hold” order is an order that pended in the system server and will only be release to exchange under fulfilling specific condition. Click on the Adv. Setting button to setup release condition:

1. If select “Send Now”, the order will send to market.
2. If select “Hold”, the order will keep in the system. You can release the hold order anytime by click on the “Hold/Release” button in order journal.
3. “Stop Limit”

To place a stop loss order, inputted client A/C code, product code, order type, target price and Qty. Click on the Adv. Setting button. Choose condition “Stop Limit”.

E.g. Place a “Stop Limit” enhanced limit order to sell QTY 1,000 of product: 00001, at price \$126.9, and a trigger Price at \$126.9.

The image below shows how it is configure:

Click on “Advanced Setting” button. Chose “Stop Limit” and input trigger price.



Press OK to continue.

Order Input (HK Stock)

Sell 3 - Sell (S) Client A/C 1 Testing Account 001

Product 00001 CHEUNG KONG (HOLDINGS) LIMITED SL <=126.9

Type 2 - Enhanced Limit Price 126.9 Qty 1,000 \$126,900 Send

If nominal is now at \$128.9. When nominal fall and reach \$126.9. The order will be released and send to the market to sell product: 00001 at price \$126.9 with quantity 1000 using Enhanced limit order type.

Order Journal

Status	Release Condition	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	Executed Qty
NEW(H)	SL <=126.9	14437	1	Sell	00001	E	126.9	1,000	0

The order will display in order journal as shown above



You can release the (hold) order anytime by highlight the order you wish to release and click on the release icon.

#### 4. "Enhanced stop limit order with trailing stop"

If you want to use the enhanced stop limit order with trailing stop function, all you have to do is after input the Trigger Price, just tick the "Trailing Stop" check box and input the trailing unit.

E.g. ) When inputting "1" in the "Trailing Stop" field means if nominal raised by 1 dollar, then the trigger price and initial order price will also raised by 1 dollar. Please be reminded that this will applied "ONLY" when the nominal rises.



Reference1

Reference2

Condition

Trigger Price  -- +

Trailing Stop ☒  -- +

Validity

Type

Order Expiry Date

OK Cancel

**Order Input (HK Stock)**

Sell  Client A/C  **Test Client 1**

Product  CHEUNG KONG (HOLDINGS) LIMITED SL <=126.9  
(P >=128,+1)

Type  Price  -- + Qty  \$126,900 Send

**Order Journal**

Status	Release Condition	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Qua
NEW(H)	SL <=126.9 (P >=128,+1)		20786	1	Sell	00001	E	126.9	

Order  /



You can release the (hold) order anytime by highlight the order you wish to release and click on the release icon.



5. "Up Trigger"

Release condition: When nominal rise and reach the up trigger price:

E.g. If nominal is at \$128. When nominal reach the up trigger price \$130. The order will then release to the market.

The "Order Input (HK Stock)" dialog box shows a "Sell" order for "3 - Sell (S)". The client account is "TESTLITE" and the stock is "CHEUNG KONG (HOLDINGS) LIMITED". The product code is "00001". The order type is "2 - Enhanced". The price is set to "130" and the quantity is "1,000", resulting in a total value of "\$130,000". A red box highlights the trigger condition "UT >=130". A "Send" button is visible.

This sub-dialog box allows configuration of the trigger condition. The "Condition" is set to "4 - Up Trigger". The "Trigger Price" is "130". The "Validity" section shows "Type" as "1 - Today (DAY)" and "Order Expiry Date" as "5 / 14 / 2008". "OK" and "Cancel" buttons are at the bottom.

6. "Down Trigger"

Release condition: When nominal drop and reach the down trigger price:

E.g. If nominal is at \$128, when nominal reach the down trigger price \$126. The order will then release to the market.

The "Order Input (HK Stock)" dialog box shows a "Buy" order for "1 - Buy (B)". The client account is "TESTLITE" and the stock is "CHEUNG KONG (HOLDINGS) LIMITED". The product code is "00001". The order type is "2 - Enhanced". The price is set to "126" and the quantity is "1,000", resulting in a total value of "\$126,000". A red box highlights the trigger condition "DT <=126". A "Send" button is visible.



A dialog box with a blue title bar and a close button. It contains two text input fields labeled "Reference1" and "Reference2". Below them is a "Condition" dropdown menu set to "5 - Down Trigger". Underneath is a "Trigger Price" input field with the value "126" and two buttons: "--" and "+". At the bottom, there is a "Validity" section with a "Type" dropdown set to "1 - Today (DAY)" and an "Order Expiry Date" dropdown set to "5 / 14 / 2008". At the very bottom are "OK" and "Cancel" buttons.

7. "One Cancel Other"

E.g. Place an "OCO" order of selling QTY 1,000 of product: 00001, at price \$130. If nominal fall to the trigger Price \$128. Then sell the product: 00001 at \$127.5

The image below shows how it is configured:

The "Order Input (HK Stock, Layout 5)" window. On the left, "Client A/C" is "TESTLITE", "Test Lite" is checked, "Product" is "00001", "CHEUNG KONG (HOLDINGS) LIMITED" is selected, "Price" is "130", "Qty" is "1,000", and the total is "\$130,000". There are "Max \$...", "Max", and "AO" buttons, along with "Buy(F4)" and "Sell(F5)" buttons. On the right, the "Condition" dropdown is set to "6 - One-Cancel-Other (OC)". Below it, "Trigger Price" is "128" and "Stop Limit Price" is "127.5". The "Validity" section has "Type" set to "1 - Today (DAY)" and "Order Expiry Date" set to "28 / 2 / 2010". At the bottom right, "Reference1" and "Reference2" are both checked.

If nominal has reached \$128, then the initial sell order of \$130 will be automatically cancel by system and place a new order with a selling price \$127.5.



8. "Time To Send"

The screenshot shows the 'Order Input (HK Stock, Layout 5)' window. The 'Condition' dropdown is set to '7 - Time To Send'. The 'Date' is 27 / 2 / 2010 and the 'Time' is 20 : 13 : 41. The 'Validity' dropdown is set to '1 - Today (DAY)' and the 'Order Expiry Date' is 28 / 2 / 2010. The 'Client A/C' is TESTLITE and the 'Product' is 00001. The 'Price' is 130 and the 'Qty' is 1,000. The 'Max \$...' button shows \$130,000. The 'Buy(F4)' and 'Sell(F5)' buttons are visible. The 'Reference1' and 'Reference2' checkboxes are checked.

The order will send to market according to the input date and time.

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 (HK Stock)' window. The 'Buy' dropdown is set to '1 - Buy (B)'. The 'Client A/C' is 1 and the 'Product' is 00001. The 'Type' dropdown is set to '2 - Enhanced'. The 'Price' is 102.1 and the 'Qty' is 1,000. The 'MIT ?=102.1' is displayed. The 'Send' button is visible.

The screenshot shows the 'Order Journal' window. The table displays the order details:

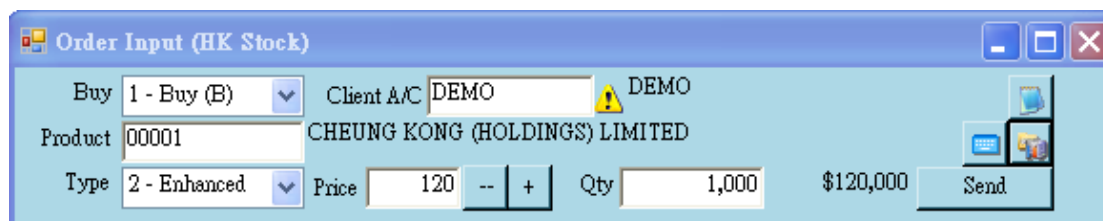
Status	Release Condition	Update/Cancel	Order No	Client A/C	B/S	Product	Or...	Price	Quantity	E
NEW(H)	MIT <=102.1		20787	1	Buy	00001	E	102.1	1,000	



10. "Order Close By OCO"

E.g. A buy order price \$120 with target price \$130, trigger price \$110 and stop limit price \$110

When order fully executed, system will generate a sell stop profit order \$130. If nominal meets the trigger price \$110, system will cancel the stop profit order \$130 and generate a sell stop loss order \$110.

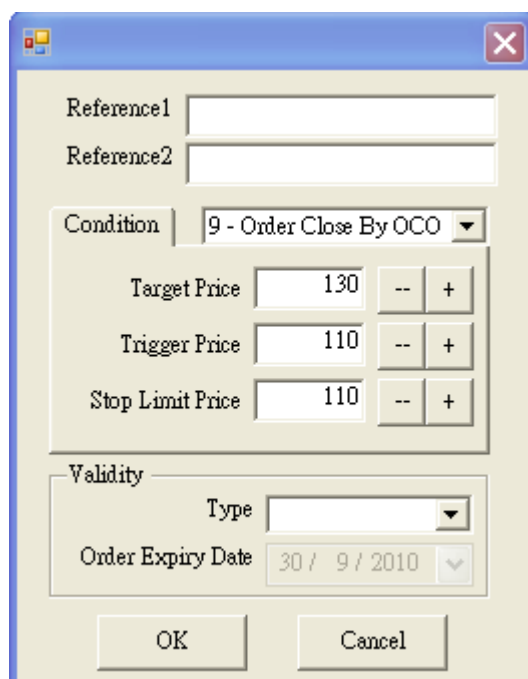


Order Input (HK Stock)

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

Product: 00001 CHEUNG KONG (HOLDINGS) LIMITED

Type: 2 - Enhanced Price: 120 -- + Qty: 1,000 \$120,000 Send



Reference1:

Reference2:

Condition: 9 - Order Close By OCO

Target Price: 130 -- +

Trigger Price: 110 -- +

Stop Limit Price: 110 -- +

Validity

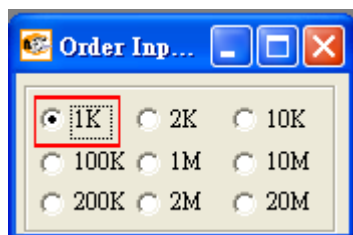
Type:

Order Expiry Date: 30 / 9 / 2010

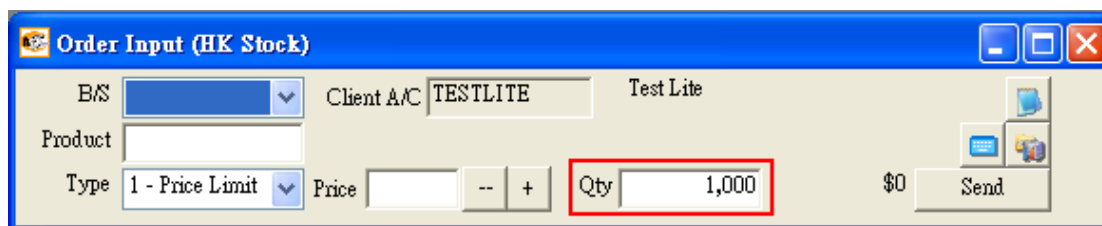
OK Cancel



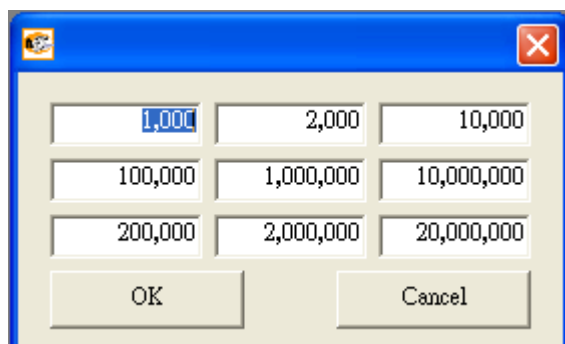
### 5.2.3 Order Input QTY Selector



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.

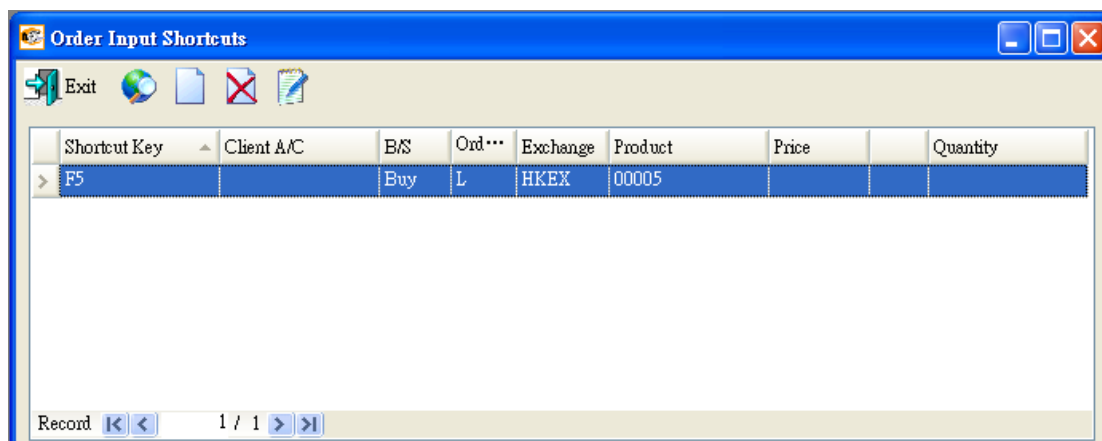









#### 5.2.4 Order Shortcut key

You can also place order using shortcut keystroke. To define shortcut key, click on menu “Order Input/ Enq.” → “Order input Shortcuts” or click  in Order input.



To create new shortcut, click  icon. To edit existing shortcut, double-click on the shortcut key record or click . Click  icon to delete shortcut key.



Input the information you want the shortcut key represents. E.g. To set shortcut key “F5” represents “Buy 00005 using limit order type”, you can setup like the one shown in the above screen. Click “OK” to save the shortcut key.

After defining the shortcut key, you are ready for using the shortcut key in the “Order Input Screen”.



E.g. Open order input window and press shortcut key “F5”, the predefined information will be auto-filled.

The screenshot shows the 'Order Input (HK Stock)' window. It has a blue title bar. Inside, there are several input fields: 'Buy' with a dropdown set to '1 - Buy (B)', 'Client A/C' with 'TESTLITE', 'Product' with '00005', and 'Type' with a dropdown set to '1 - Price Limit'. The 'Price' field is empty, and the 'Qty' field is set to '0'. There are buttons for '--', '+', and 'Send'. The window also displays 'HSBC HOLDINGS PLC' and 'Test Lite'.

### 5.2.5 Using Real Time Price Feed Screen

Besides launching “Order Input Screen” using menu item, you can also launch the “Order Input Screen” from the “Real Time Price Feed Screen”

To open “Real Time Price Feed Screen”, click “Market Data → Real Time Price Quote (AASock, HK)” menu item.

The screenshot shows the 'Real Time Price Quote (AASock, HK)' window. It has a blue title bar. The main area displays market data for 'CHEUNG KONG 0001'. It includes a table for 'BID' and 'ASK' prices, a 'Transaction Log' table, and a 'Link' table. The window also displays various market statistics like 'Day High', 'Day Low', 'Open', 'Prev Close', 'Closed', 'Change \$', 'Change %', 'Volume', 'Turnover', 'Avg Price', 'IEP / IEV', 'Lot Size', 'Spread', '52wk High', '52wk Low', 'P/E Ratio', 'Yield', 'Dividend', 'EPS', 'Shares Issued', 'Market Capital', and 'Currency'. The window also displays the 'www.aastocks.com' logo and a news ticker at the bottom.

Double-Click the broker queue summary will launch the “Order Input Screen” and “Stock Code” and “Price” will be auto-filled.



Real Time Price Quote (AAStock, HK)

HSI 27776.48 ↑ 6.190 (+0.02%) Turn 72.01B > HSIFSpot 27831 Pre 55 Information Provided by AASTOCKS-Disclaimer

Day High 6.960 BID ASK CHINA AOYUAN 3883

Day Low 6.020 6.790 6.800

Open 6.100 1K( 1) 48K( 2)

Prev Close 51K( 2) 72K( 4)

Nominal 6.800 26K( 3) 359K( 4)

Change \$ 1K( 1) 62K( 6)

Change % 5K( 4) 141K( 7)

Volume 367.813M

Turnover 2323.455M

Avg Price 6.3169

IEP / IEV

Lot Size

Spread

52wk H

52wk L

P/E Rat

Yield

Dividen

EPS 0.34

Shares Issued 2200M

Market Capital 14960M

Currency HKD

OFFER PRICE: HK\$5.20 PER SHARE

Transaction Log

Order Input (HK Stock)

Buy 1 - Buy (B) Client A/C

Product 03883 China Aoyuan Property Group Limited

Type 2 - Enhanced Limit Price 6.77 Qty 0 \$0 Send

10-09 13:43 SKorea Sept consumer expectations index rises further - UPDATE [XFNA] 14:17:54

Click "Send" to submit the order.

### 5.3 Client Account Portfolio

Click "Order Input/ Enq → Client Account Portfolio" menu item.

Input the "Client A/C" and press enter to enquire a particular client's portfolio.

Client Account Portfolio

Exit

Client A/C 1 Refresh 1 - TestClient 1

Portfolio O/S Orders Today's Orders Today's Trades Info Trade Alloc. Calls/Contact History 1 - Equity (EQTY)

HKD

Net Cash Bal. 157,639,067.60 Used Purchase 21,100.00

Purchase Limit 200,000.00 Avail. Purchase 157,817,967.60

Loan Limit 20,000,000.00 O/S Buy 21,100.00



Portfolio Value 157,639,067.60 Avail. Loan 177,617,967.60


	Code	Name	O/S Sell	Quantity	Market Value (...	Marginable Va...	Max. Se
Sell	00001	CHEUNG KONG (HOLD...		364,500	0.00	0.00	
Sell	00005	HSBC HOLDINGS PLC		-4,400	0.00	0.00	
Sell	00013	HUTCHISON WHAMPO...		6,000	0.00	0.00	
Sell	00023	BANK OF EAST ASIA LI...		1,000	0.00	0.00	
Sell	00026	CHINA MOTOR BUS CO...		1,000	0.00	0.00	
Sell	00028	TIAN AN CHINA INVES...		15,000	0.00	0.00	

Record 1 / 24

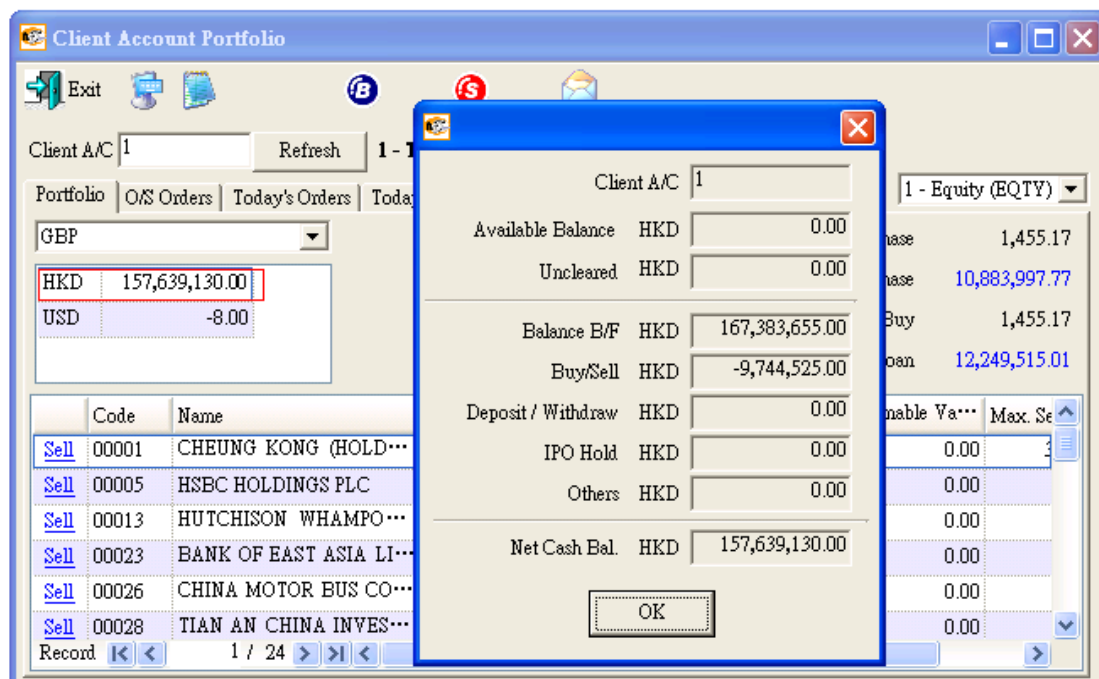
To sell a particular product, click the "Sell" link of the product in the product position table.



You can also click  (buy) or  (sell) icon to place order.

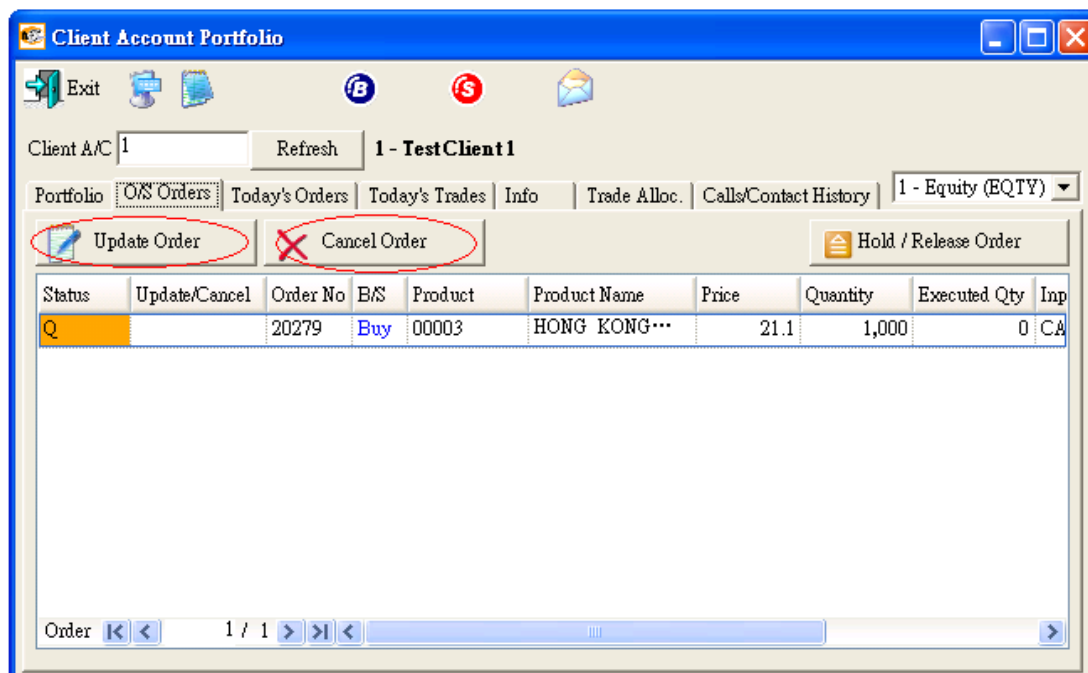
Click  icon to configure the short-cut key

Double-click on currency to show client's cash opening, ledger balance and available balance in client portfolio (If BackOffice System provide those information to AyersGTS\_LITE).



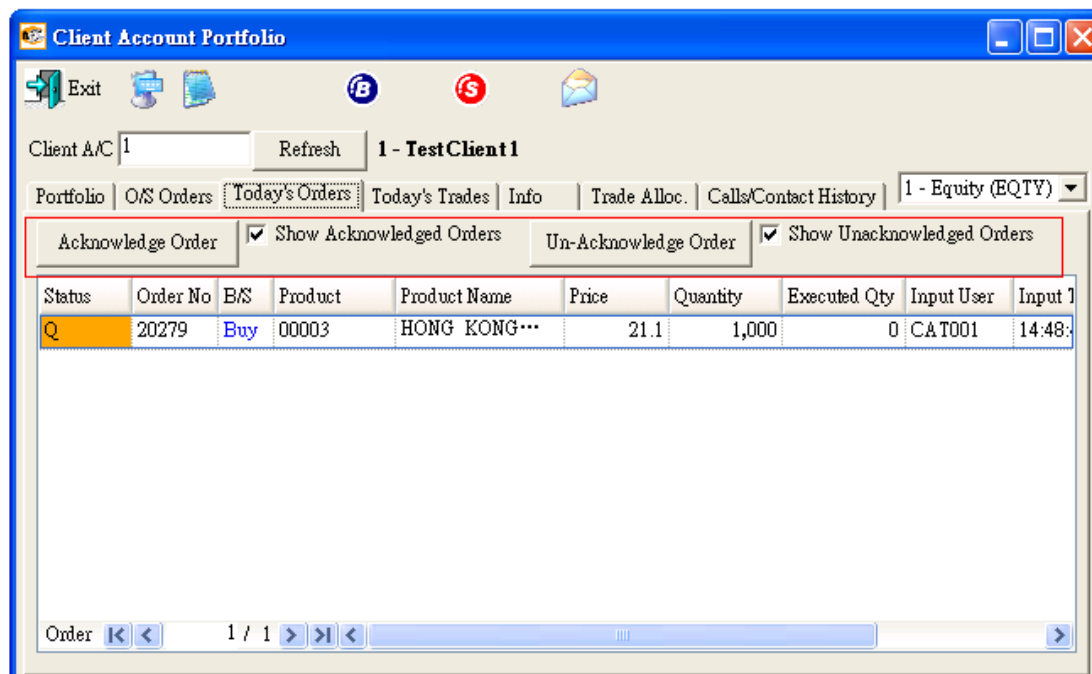
In Client Account Portfolio, you can inspect the Portfolio, O/S Orders, Today's Order, Today's Trade and Info.

"Update Order" and "Cancel Order" can also be perform here on "O/S" tab in "Client Portfolio.



On “Today’s Order” tab, you can inspect all the orders from today.

“Acknowledge Order” and “Un-Acknowledge Order” can be performed here.



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





Client Account Portfolio

Exit Refresh 1 - TestClient 1

Portfolio O/S Orders Today's Orders Today's Trades Info Trade Alloc. Calls/Contact History 1 - Equity (EQTY)

B/S	Product	Name	Avg. Price	Quantity	Amount	Nominal	Today P/L
Currency: HKD							
Buy	00001	CHEUNG KONG (HOLDI...	99	2,000	198,000.00	0	0.00
					198,000.00		0.00

Order 1 / 1



On "Info" tab, you can inspect client's general information.

Client Account Portfolio

Client A/C: 1 Refresh 1 - TestClient1

Portfolio | O/S Orders | Today's Orders | Today's Trades | Info | Trade Alloc. | Calls/Contact History | 1 - Equity (EQTY)

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:

Address:

☐ No Buy ☐ No Sell Marginable Value Credit Ratio (%):

☒ Internet Trading ☐ IVRS Trading Cash Credit Ratio (%):

Login Id: 1 Login Id:

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

Client Account Portfolio

Client A/C: LITE Refresh LITE - LITETEST

Portfolio | O/S Orders | Today's Orders | Today's Trades | Info | Trade Alloc. | Calls/Contact History | 1 - Equity (EQTY)

From	To	Excha...	Product	Name	B/S	Price	Quantity	C...
DEN	->	HKEK	00001	CHEUNG KONG...	B	69.95	1,000	TS

Record 1 / 1



### Calls/Contact History

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

The screenshot shows the 'Client Account Portfolio' window. At the top, there's a title bar and a menu bar with 'Exit', 'B', 'S', and an envelope icon. Below the menu bar, there's a 'Client A/C' field with 'DEMO' and a 'Refresh' button. To the right, it says 'DEMO - DEMO'. A tabbed interface is present with tabs: 'Portfolio', 'O/S Orders', 'Today's Orders', 'Today's Trades', 'Info', 'Trade Alloc.', 'Calls/Contact History' (which is selected and highlighted with a red box), and '2 - Futures/Options'. Below the tabs is a table with columns: 'Input Time', 'Remark', 'User', and 'Com...'. The table contains one row: '9/2/2010 21:42:00', 'Test', 'VINCENT', and an empty checkbox. At the bottom, there's a 'Record' section with navigation buttons and '1 / 1'.

On “Call/Contact History” tab; user can enquire those information that need to alert or remind.

GTSLITE Users cannot add or deleted the “Call/Contact History” remark.

## 5.4 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”. Choose “Update Order”.

The screenshot shows the 'Update Order' dialog box. It has a title bar with a close button. The dialog is divided into several sections. On the left, there are fields for 'Order No' (20788), 'Client A/C' (1), 'Product' (00001), 'Order Type' (E - Enhanced Limit), 'Price' (101.8), 'Quantity' (1,000), 'Executed Qty' (0), and 'Release Condition'. On the right, there's a 'Buy' button and a yellow box labeled 'NEW - Pending'. Below these, there are fields for 'New Price' (101.8), 'New Qty' (1,000), and 'O/S Qty' (1,000). To the right of these fields are three buttons: '...', '--', and '+'. At the bottom, there are three buttons: 'Cancel Order' (with a red X icon), 'Update Order (F10)' (with a notepad icon), and 'Exit' (with a green arrow icon).





Input the new price or new quantity and then click the “Update Order” button.  
Click on “Advanced Setting” to type in remark.

A dialog box titled "Advanced Setting" with a blue border and a close button (X) in the top right corner. It contains the following fields and controls:

- Reference1: A text input field.
- Reference2: A text input field.
- Condition: A dropdown menu showing "1 - Send Now".
- Trigger Price: A text input field with "0" and two buttons: "--" and "+".
- Validity: A section containing:
  - Type: A dropdown menu.
  - Order Expiry Date: A date picker showing "26 / 2 / 2010".
- OK and Cancel buttons at the bottom.

## 5.5 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”.

A dialog box titled "Cancel Order" with a blue border and a close button (X) in the top right corner. It displays order details and has two buttons at the bottom: "Cancel Order" (with a red X icon) and "Exit" (with a right arrow icon).

Order No	20788	Buy	NEW - Pending
Client A/C	1	Test Client 1	
Product	00001	CHEUNG KONG (HOLDINGS) LIMITED	
Order Type	E - Enhanced Limit		
Price	101.8		
Quantity	1,000		
Executed Qty	0	O/S Qty	1,000
Release Condition			



Click the “Cancel Order” button to cancel order.



## 5.6 Enquire Order Details

### 5.6.1 Using Order Enquiry Screen

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

Input “Order No.” field and press “Enter”. The detail of the order is show.

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

- Order No: 715
- Client A/C: 3
- Product: 02899
- Price: 11.34
- Quantity: 4,000
- Order Type: E - Enhanced Limit
- Reject Reason: (empty)
- Release Condition: (empty)
- Order Expiry Date: (empty)
- Input User: ADMIN

The order status is displayed as **Buy** and **FEX - Completed**. A link [Request MWS To Show Most-Updated Order Status](#) is available.

The 'Trade Summary' tab is selected, showing the following table:

Price	Quantity	Time
11.34	4,000	9/10/2007 14:26:23
Σ	4,000	

At the bottom, the record count is shown as 1 / 1.



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

**Select Order No**

Please Select Criteria And Click "Search" Button

Exchange : HKEK  
Product Code : (All)  
Client A/C Code : (All)

F1 - Search

Order No	Status	Client A/C	B/S	Exchange	Product...	Price	Quantity	Executed Qty	OS Qty	AE
> 716	NEW	3	Buy	HKEK	00001	129.4	1,000	0	1,000	AE1
715	FEK	3	Buy	HKEK	02899	11.34	4,000	4,000	0	AE1
714	FEK	3	Buy	HKEK	00001	128.3	2,000	2,000	0	AE1
713	NEW	3	Buy	HKEK	00410		500	0	500	AE1
710	NEW	1	Sell	HKEK	00001	126	1,000	0	1,000	AE1
706	NEW	3	Buy	HKEK	00001	125.2	1,000	0	1,000	AE1
705	NEW	3	Buy	HKEK	00001	125	1,000	0	1,000	AE1
704	NEW	3	Buy	HKEK	00008	4.99	6,000	0	6,000	AE1
703	NEW	3	Buy	HKEK	00008	4.99	6,000	0	6,000	AE1
702	FEK	3	Buy	HKEK	00008	4.99	6,000	6,000	0	AE1
701	PEK	3	Buy	HKEK	00698	42	1,000,000	300,000	700,000	AE1
692	NEW	1	Buy	HKEK	00001	123	1,000	0	1,000	AE1
691	NEW	1	Buy	HKEK	00001	123.9	2,000	0	2,000	AE1

Record 1 / 13

13 Record(s) Found

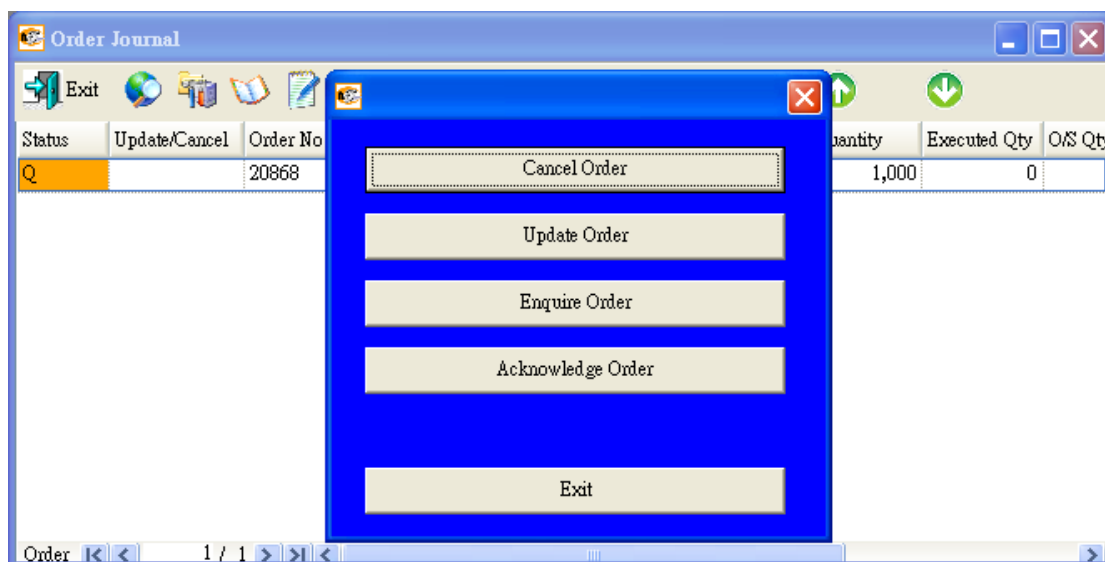
OK Cancel

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



## 5.6.2 Using Menu in Order Journal

From menu “Settings → Change User Setting”, 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.





## 6 Report

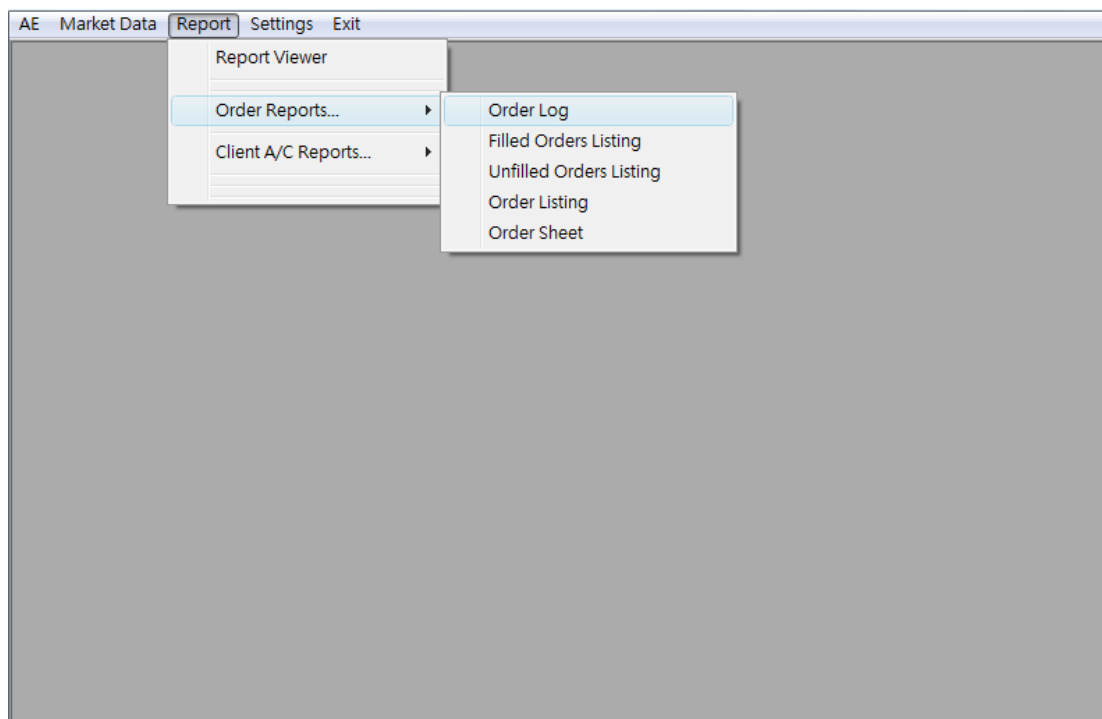
Our System already implemented the following reports for reference or export as a file.

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

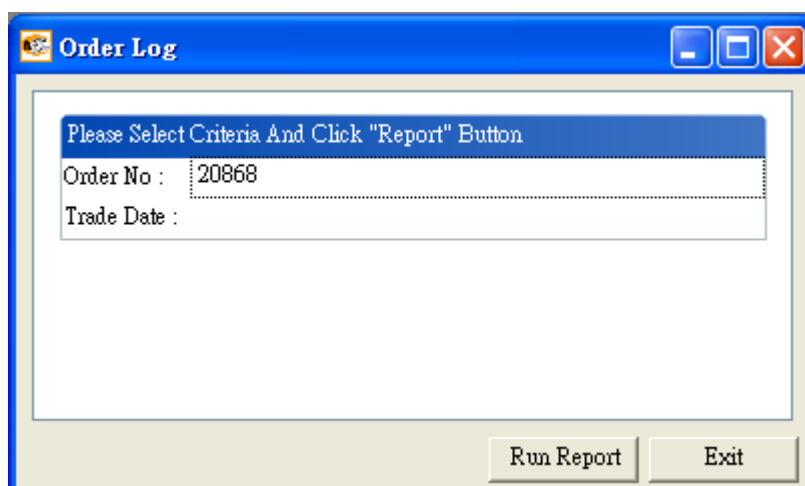


## 6.1 Generate a report

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

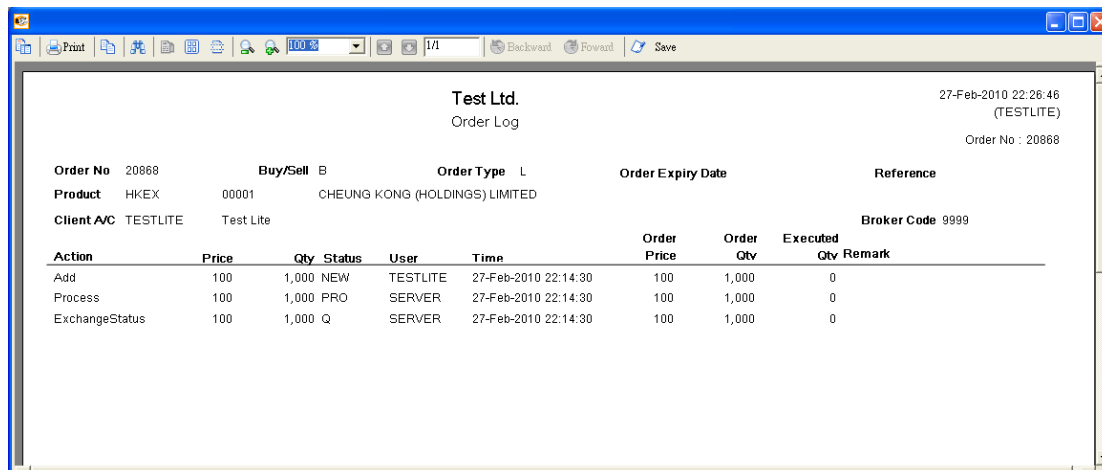


Input the criteria for generate the report.





Click "Run Report" to generate.



The screenshot displays the AyersGTS\_LITE application window. The title bar includes standard Windows window controls and a menu bar with options like Print, Backward, Forward, and Save. The main content area is titled "Test Ltd. Order Log" and shows a timestamp of "27-Feb-2010 22:26:46 (TESTLITE)". Below this, there is a section for "Order No : 20868" and "Reference". The main data is presented in a table with columns for Action, Price, Qty, Status, User, Time, Order Price, Order Qty, Executed Qty, and Remark. The table contains three rows of data: "Add", "Process", and "ExchangeStatus", all with a price of 100 and a quantity of 1,000. The status for "Add" is "NEW", for "Process" is "PRO", and for "ExchangeStatus" is "Q". The user for all three actions is "TESTLITE" or "SERVER".

Order No	Buy/Sell	Order Type	Order Expiry Date	Reference
20868	B	L		
Product	HKEX	00001	CHEUNG KONG (HOLDINGS) LIMITED	
Client A/C	TESTLITE	Test Lite		
				Order No : 20868
				Broker Code 9999

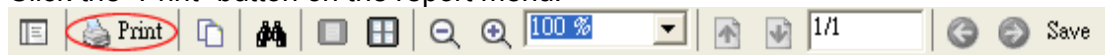
Action	Price	Qty	Status	User	Time	Order Price	Order Qty	Executed Qty	Remark
Add	100	1,000	NEW	TESTLITE	27-Feb-2010 22:14:30	100	1,000	0	
Process	100	1,000	PRO	SERVER	27-Feb-2010 22:14:30	100	1,000	0	
ExchangeStatus	100	1,000	Q	SERVER	27-Feb-2010 22:14:30	100	1,000	0	



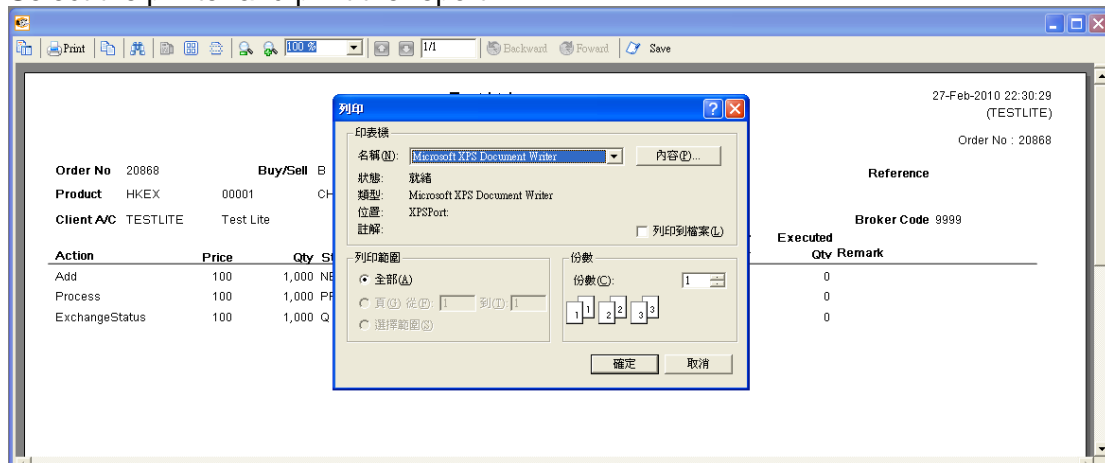


## 6.2 Print report

Click the “Print” button on the report menu.



Select the printer and print the report.



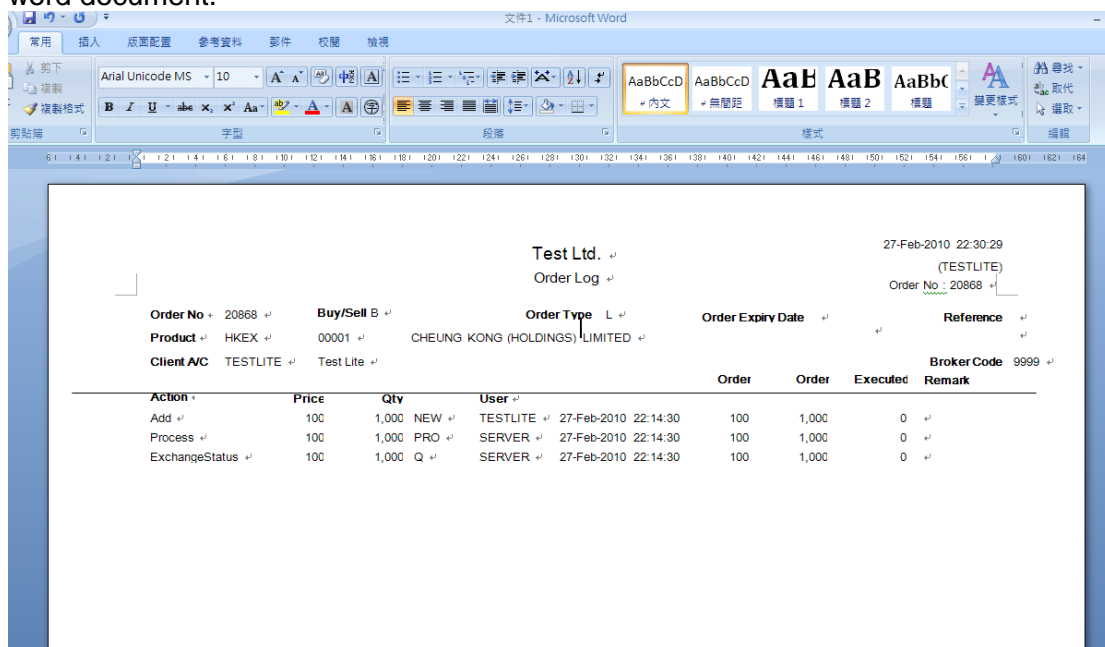
## 6.3 Copy text

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.

Click the “Copy” button on the report menu.



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

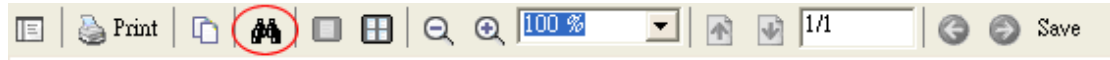




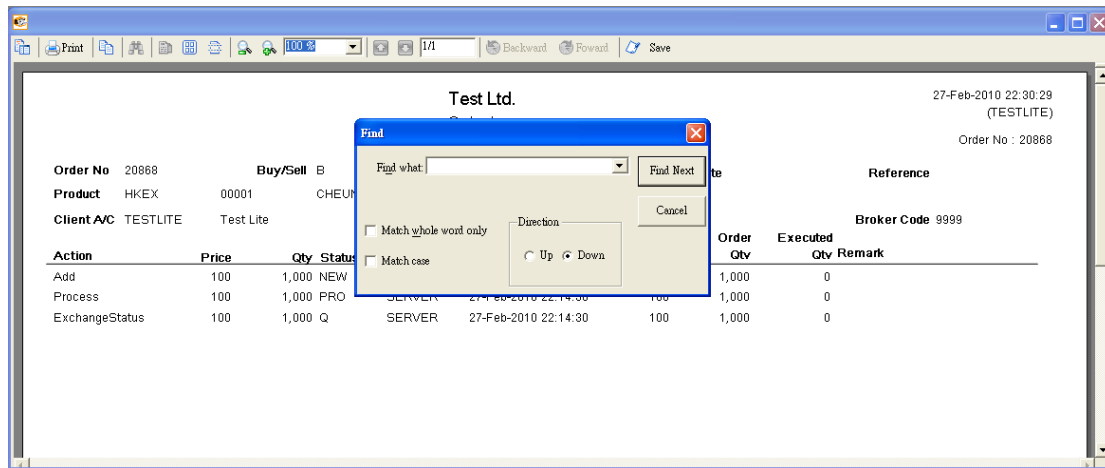
## 6.4 Search text

You can search a word or phrase in a report.

Click the “Search” button on the report menu.



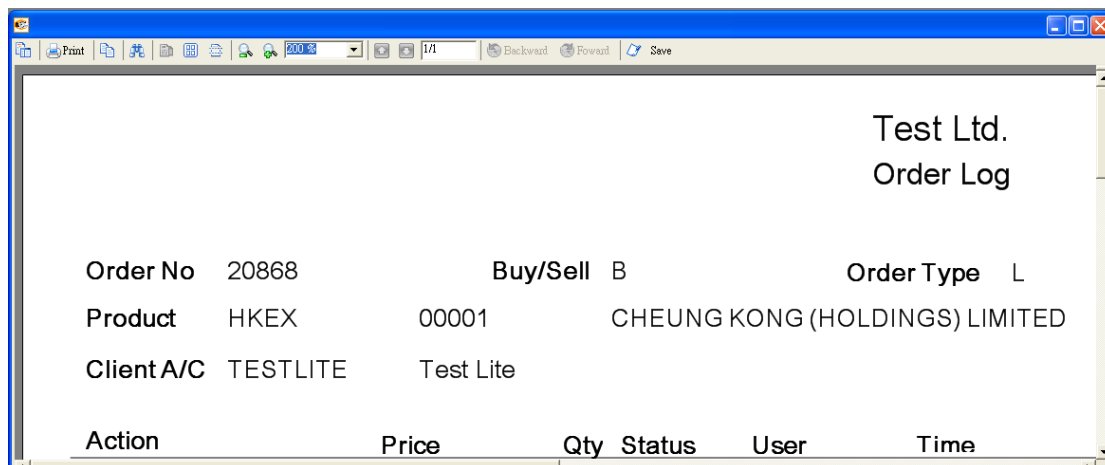
A will show. Input the word or phrase in the “Find” window. Click the “Find Next” button, the search word or phrase will be highlighted in the report.





## 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.





## 6.6 Export a report

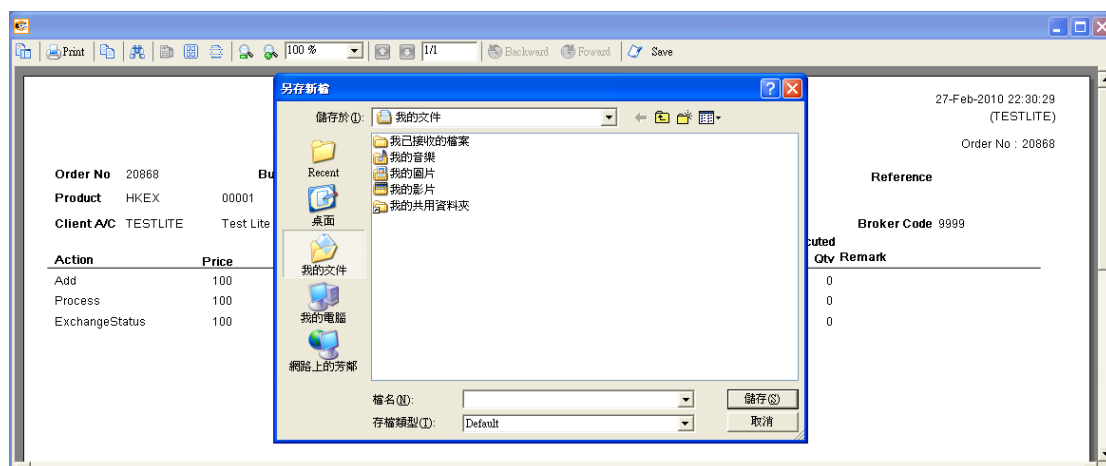
Report can be export into different formats:

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

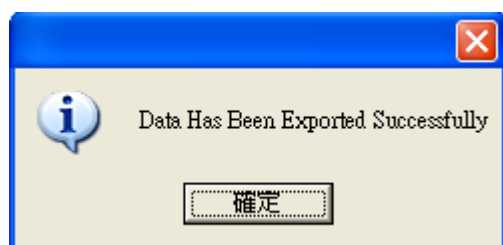
Click the “Save” button on the report menu.



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



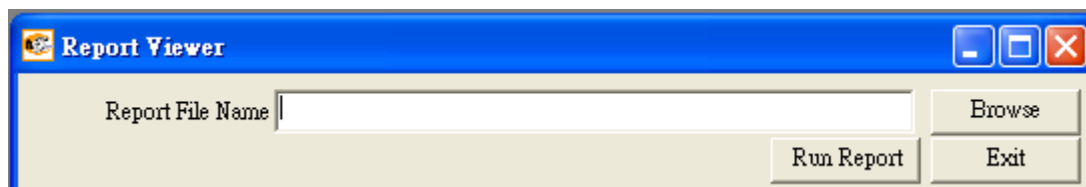
The “Data Has Been Exported Successfully” message will show.



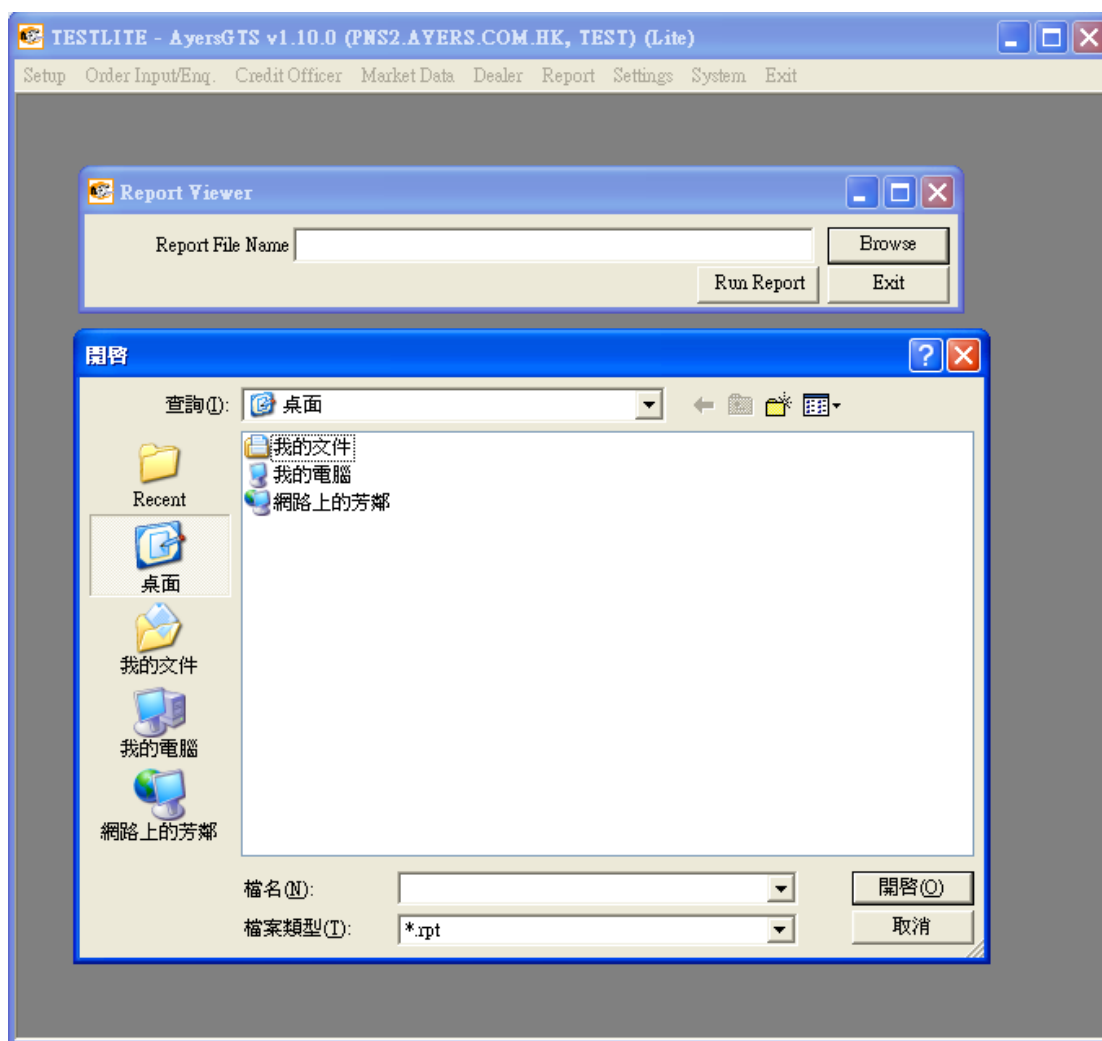


## 6.7 Open an existing report

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



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





## 7 Appendix: FAQ

### 7.1 System Setting

#### 7.1.1 Where to download AyersGTS\_LITE?

Please go to our Website <http://www.ayers.com.hk/download> and follow the steps below:

1. Download and install the Microsoft Dot Net
2. Download and install the Microsoft Dot Net Service Pack 3
3. Ask your broker for the AyersGTS\_LITE application


#### 7.1.2 Why sometimes cannot upgrade GTS\_LITE?

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

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

#### 7.1.4 How to use Good Till Cancel?

In “order input” click “Advanced Setting” icon . Chose GTC (Good till cancel) 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 can be valid for 7days(includes Sat and Sun), counting from the next day the trade had been placed.

### 7.2 Reasons for Order rejection

#### 7.2.1 Why is order rejected “by price warning”?

The price of the order has exceeded maximum spread. For PNS the max spread is 20 and 24 for BSS.

#### 7.2.2 Why is order rejected “by invalid order price”?

- a. When using Limit Order type to buy, the entered price should not be higher than the ask price.
- b. When using Limit Order type to sell, the entered price should not be lower than the bid price.
- c. When using Enhance Limit Order, if the price has been edited, system will then changed to Limit Order. If the changed price has the problem as mention above. The order is also rejected.
- d. When using Special Limit Order, if there is not enough stock in the market, the remaining will then be reject.



## 7.3 Other setting

### 7.3.1 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 pending held in system (Program Trade)
WA	The order is waiting for approval
PRO	The order is processing
Q (MWS)	The order has been queued in securities company
Q	The order has been queued in market
PEX	The order has been partially executed
FEX	The order has been fully executed
CAN	The order has been cancelled
REJ	The order has been rejected

### 7.3.2 Why orders cannot be found after type in product code in filter function in order journal?

5 digits product code must be entered when using filtering order function in order journal.

### 7.3.3 Where to find trade summary?

Menu "Order input/Enq. → Order Enquiry" click on "Trade Summary" tab.

### 7.3.4 Where to find buy/sell broker code?

Menu "Order input/Enq. → Order Enquiry" click on "Trade Detail" tab.

### 7.3.5 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.

### 7.3.6 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 disappear from the list.

### 7.3.7 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".

#### 7.3.8 How to unacknowledged orders?

To un-acknowledge a particular order, go to menu "Order input/Enq. → Client Portfolio" and input the Client A/C. On the "Today's Orders" tab, click on "Un-Acknowledge Order" button to make the order visible again in order journal.

#### 7.3.9 How to use "Input Order (layout 2)"?

Set order input short-cut key in menu "Setup → System Setting" → on tab "Setting 4". In Input Order (layout 2), type in product code, and use the short-cut key that was configured before to buy/sell.

The order input short-cut key can also be configured by click on  icon.

The short-cut key set in layout (2) will not affect on other input layout except itself.





#### 7.3.10 How to use “Search Engine F1”?

Search Engine can be used when require to fill in information to the fields, e.g. (Products). 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.

#### 7.3.11 Which sound format is support in “Order Journal” setting?

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

#### 7.3.12 How to display references of order input 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.

#### 7.3.13 How long will the trade data be hold in the system?

The system will hold seven days of trade data. (Including SAT, SUN and Public Holidays)

### **7.4 Generating Report**

#### 7.4.1 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.

#### 7.4.2 What are the differences between Order list and Order Sheet?

The differences are that Order List shows Filled Quantity and Outstanding Quantity.

#### 7.4.3 Where to find all the unfilled order?

Go to menu “Report → Order Reports → Unfilled Order Listing”.



## 7.5 Order types in detail

### 7.5.1 What order types are supports in AyersGTS\_LITE?

AyersGTS\_LITE supports all the order types provided by HKEx.

Order Type*	Description*																				
L	<div><b>Limit Order</b>  This order type allows matching at the specified price queue.</div> <table><tr><th>Order</th><th>Matching</th><th>Result</th></tr><tr><td>Limit Order  Buy 250K at \$18.0</td><td><table><tr><th colspan="2">Ask</th></tr><tr><th>Price</th><th>Qty</th></tr><tr><td>\$18.4</td><td>90K</td></tr><tr><td>\$18.3</td><td>50K</td></tr><tr><td>\$18.2</td><td>20K</td></tr><tr><td>\$18.1</td><td>130K</td></tr><tr><td>\$18.0</td><td>30K</td></tr></table></td><td>Trades generated: 30K at \$18.0  Outstanding: 220K at \$18.0</td></tr></table>	Order	Matching	Result	Limit Order  Buy 250K at \$18.0	<table><tr><th colspan="2">Ask</th></tr><tr><th>Price</th><th>Qty</th></tr><tr><td>\$18.4</td><td>90K</td></tr><tr><td>\$18.3</td><td>50K</td></tr><tr><td>\$18.2</td><td>20K</td></tr><tr><td>\$18.1</td><td>130K</td></tr><tr><td>\$18.0</td><td>30K</td></tr></table>	Ask		Price	Qty	\$18.4	90K	\$18.3	50K	\$18.2	20K	\$18.1	130K	\$18.0	30K	Trades generated: 30K at \$18.0  Outstanding: 220K at \$18.0
Order	Matching	Result																			
Limit Order  Buy 250K at \$18.0	<table><tr><th colspan="2">Ask</th></tr><tr><th>Price</th><th>Qty</th></tr><tr><td>\$18.4</td><td>90K</td></tr><tr><td>\$18.3</td><td>50K</td></tr><tr><td>\$18.2</td><td>20K</td></tr><tr><td>\$18.1</td><td>130K</td></tr><tr><td>\$18.0</td><td>30K</td></tr></table>	Ask		Price	Qty	\$18.4	90K	\$18.3	50K	\$18.2	20K	\$18.1	130K	\$18.0	30K	Trades generated: 30K at \$18.0  Outstanding: 220K at \$18.0					
Ask																					
Price	Qty																				
\$18.4	90K																				
\$18.3	50K																				
\$18.2	20K																				
\$18.1	130K																				
\$18.0	30K																				



E

### Enhanced Limit Order (ELO)

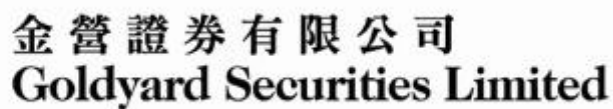
Enhanced limit order is similar to the limit order except that it will allow matching of up to five price queues at a time. The ask order price of ELO can be inputted at four spreads lower than the current bid or the bid order price can be inputted at 4 spreads higher than current ask price. Any unfilled quantity of ELO after matching will be stored in the System as a normal limit order at the input order price. The number of price queues allowed for matching can be increased in future if necessary.

#### Example 1: Enhanced Limit Order – fully matched Table 1(a): Original Position

Bid		Ask	
Price	Volume	Price	Volume
\$30.00	100K	\$30.05	80K
\$29.95	90K	\$30.10	70K
\$29.90	80K	\$30.15	160K
\$29.85	60K	\$30.20	50K
\$29.80	180K	\$30.25	60K
\$29.75	34K	\$30.30	50K
\$29.70	100K	\$30.35	40K
\$29.65	150K	\$30.40	45K
\$29.60	18K	\$30.45	325K

Enhanced Limit Order: to buy 400K@ \$30.25

#### Table 1(b): After Execution



Bid		Ask	
Price	Volume	Price	Volume
\$30.00	100K	\$30.25	20K
\$29.95	90K	\$30.30	50K
\$29.90	80K	\$30.35	40K
\$29.85	60K	\$30.40	45K
\$29.80	180K	\$30.45	325K
\$29.75	34K	\$30.50	20K
\$29.70	100K	\$30.55	30K
\$29.65	150K	\$30.60	50K
\$29.60	18K	\$30.65	60K

Trade executed	80K@ \$30.05	70K@ \$30.10	160K@ \$30.15
	50K@ \$30.20		
	40K@ \$30.25		
Unfilled	None		

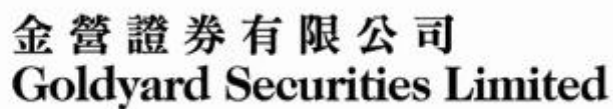
### Example 2: Enhanced Limit Order – with unfilled quantity

### Table 2 (a): Original Position

Bid		Ask	
Price	Volume	Price	Volume
\$30.00	100K	\$30.05	80K
\$29.95	90K	\$30.10	70K
\$29.90	80K	\$30.15	160K
\$29.85	60K	\$30.20	50K
\$29.80	180K	\$30.25	60K
\$29.75	34K	\$30.30	50K
\$29.70	100K	\$30.35	40K
\$29.65	150K	\$30.40	45K
\$29.60	18K	\$30.45	325K

Enhanced Limit Order: to buy 430K @\$30.25

### Table 2 (b): After Execution



Price		Price	
Price	Volume	Price	Volume
\$30.25	10	\$30.30	50
\$30.20	–	\$30.35	40
\$30.15	–	\$30.40	45
\$30.10	–	\$30.45	325
\$30.05	–	\$30.50	20
\$30.00	100	\$30.55	30
\$29.95	90	\$30.60	50
\$29.90	80	\$30.65	60
\$29.85	60	\$30.70	70

Trade executed                      80K@ \$30.05  
     70K@ \$30.10  
     160K@ \$30.15  
     50K@ \$30.20  
     60K@ \$30.25

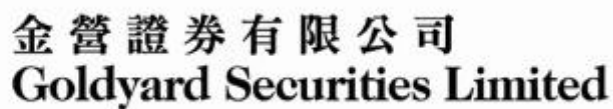
Unfilled                                  10K@ \$30.25 as limit order

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**S**

**Special Limit Order (SLO)**

A limit price has to be input for SLO but there is no restriction on the limit price with respect to the best price on the other side of the market. SLO will match up to five price queues (i.e. the best price queue and up to the fifth queue at 4 spreads away) as long as the traded price is not worse than the input limit price. Any unfilled quantity of SLO after matching will be cancelled and not stored in the System. The number of price queues allowed for matching can also be increased in future if necessary.



### Example 3: Special Limit Order (SLO)

**Table 3 (a): Original Position**

Bid		Ask	
Price	Volume	Price	Volume
\$30.00	100K	\$30.05	80K
\$29.95	90K	\$30.10	70K
\$29.90	80K	\$30.15	160K
\$29.85	60K	\$30.20	50K
\$29.80	180K	\$30.25	60K
\$29.75	34K	\$30.30	50K
\$29.70	100K	\$30.35	40K
\$29.65	150K	\$30.40	45K
\$29.60	20K	\$30.45	325K

Special Limit Order: to buy 430K@ \$30.40

### Table 3 (b): After Execution

Bid		Ask	
Price	Volume	Price	Volume
\$30.00	100K	\$30.30	50K
\$29.95	90K	\$30.35	40K
\$29.90	80K	\$30.40	45K
\$29.85	60K	\$30.45	325K
\$29.80	180K	\$30.50	20K
\$29.75	34K	\$30.55	30K
\$29.70	100K	\$30.60	50K
\$29.65	150K	\$30.65	60K
\$29.60	20K	\$30.70	70K

Trade executed	80K@ \$30.05
	70K@ \$30.10
	160K@ \$30.15
	50K@ \$30.20
	60K@ \$30.25
Unfilled quantity	10K@ Cancelled not stored in the System



<b>A</b>	<p><b>At Auction Order</b></p> <p>This is a market order which can only be inputted for single price auction during the pre-open session. There is no need to specify the limit price and it will enjoy a higher auction matching priority. Unfilled at-auction orders will be cancelled after auction matching.</p> <p>The order input period for At-Auction orders is 9:30a.m. - 9:50 a.m.</p> <p>Any At-Auction order input during order matching period (9:50a.m. - 9:58a.m.) and blocking period (9:58a.m. - 10:00a.m.) will be subject to rejection.</p> <p>At-Auction orders input out of the pre-opening session will be treated as orders of next pre-open session unless it was cancelled by investor and broker at their own discretion.</p> <p>For further details on placing At-Auction orders, please contact your broker.</p>
<b>I</b>	<p><b>At Auction Limit Order</b></p> <p>It is a limit order with a specified price for single price auction during pre-open session. Unfilled at-auction limit orders, with input price not deviating 9 times or more from the prevailing nominal price, will be converted to limit orders at the input limit price and carried forward to the continuous trading session.</p> <p>The order input period for At-Auction Limit orders is 9:30 a.m. - 9:45a.m.</p> <p>Any At-Auction Limit order input during pre-order matching period (9:45a.m. - 9:50a.m.), order matching period (9:50a.m. - 9:58a.m.) and locking period (9:58a.m. - 10:00a.m.) will be subject to rejection.</p> <p>At-Auction Limit orders input out of the pre-opening session will be treated as orders of next pre-open session unless it was cancelled by investor and broker at their own discretion.</p> <p>For further details on placing At-Auction Limit orders, please contact your broker.</p>

\* The above information is for reference only and subject to further changes. Please visit HKEx (<http://www.hkex.com.hk>) for more details.



#### 7.5.2 What is the pre-opening session?

The pre-opening session consists of an order input period from 9:30 am to 9:45 am; a pre-order matching period from 9:45 am to 9:50 am; an order matching period from 9:50 am to 9:58 am; and a blocking period from 9:58 am to 10:00 am.

During the order input period (9:30 am to 9:45 am), only at-auction orders and at-auction limit orders are accepted. Orders will be accumulated and updated in the trading system continuously and may be modified or cancelled.

During the pre-order matching period (9:45 am to 9:50 am), only at-auction orders are accepted and modification or cancellation of orders in the system will not take place until after 10:00am.

Orders placed after 9:50 am will keep in the system. At 10:00 am, the orders will then send to exchange.