VIET CAPITAL SECURITIES

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1. Installation instruction

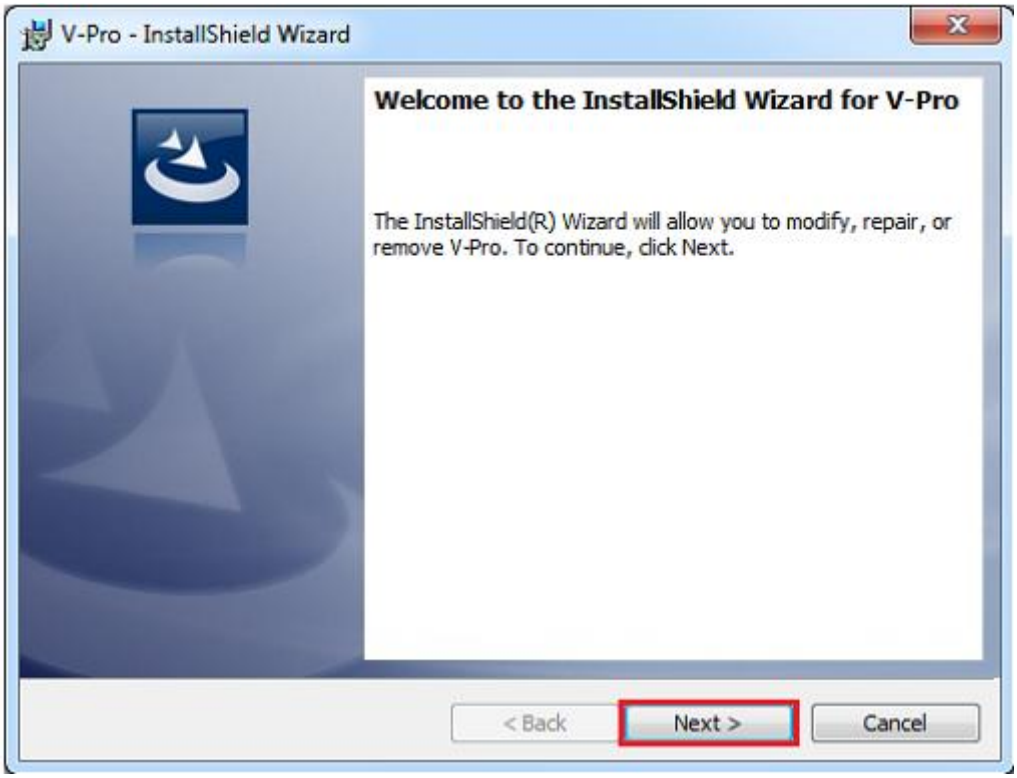
1.1 Equipment requirements

- The computers with Microsoft operating system: WinXP, Win7, Win8 and WinVista
- Users have Administrator's powers or Power user if source is used for software installation
- The following IP/Port is not be blocked by computer's or LAN firewall as below table:

125.234.253.148/210.245.115.203	8000
	80
	443
	9000
	21001~21010
	22001~22010

1.2 Installation

- Step 0: Download Vpro at VCSC's website: http://www.vcsc.com.vn/Upload/V_Pro_full.zip
- Step 1: After download to your computer, unzip the file and double click to the file "VPro_setup_new.exe"
- Step 3: Click Next as below illustration



- Step 3: Check to box as below and then click Next

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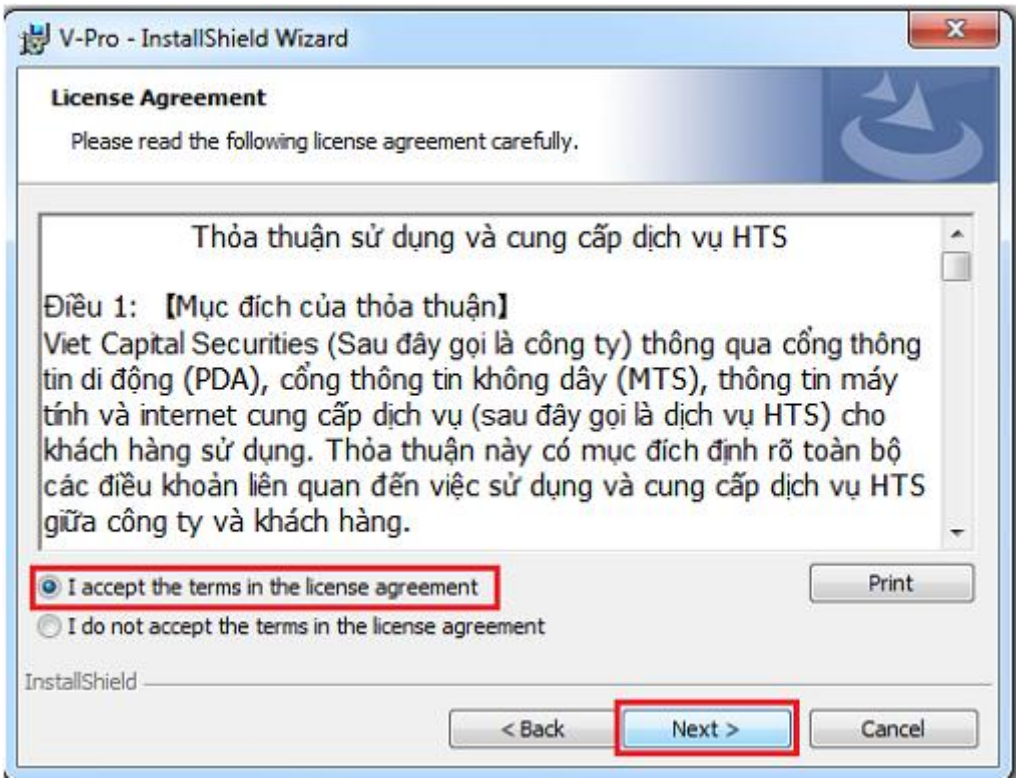
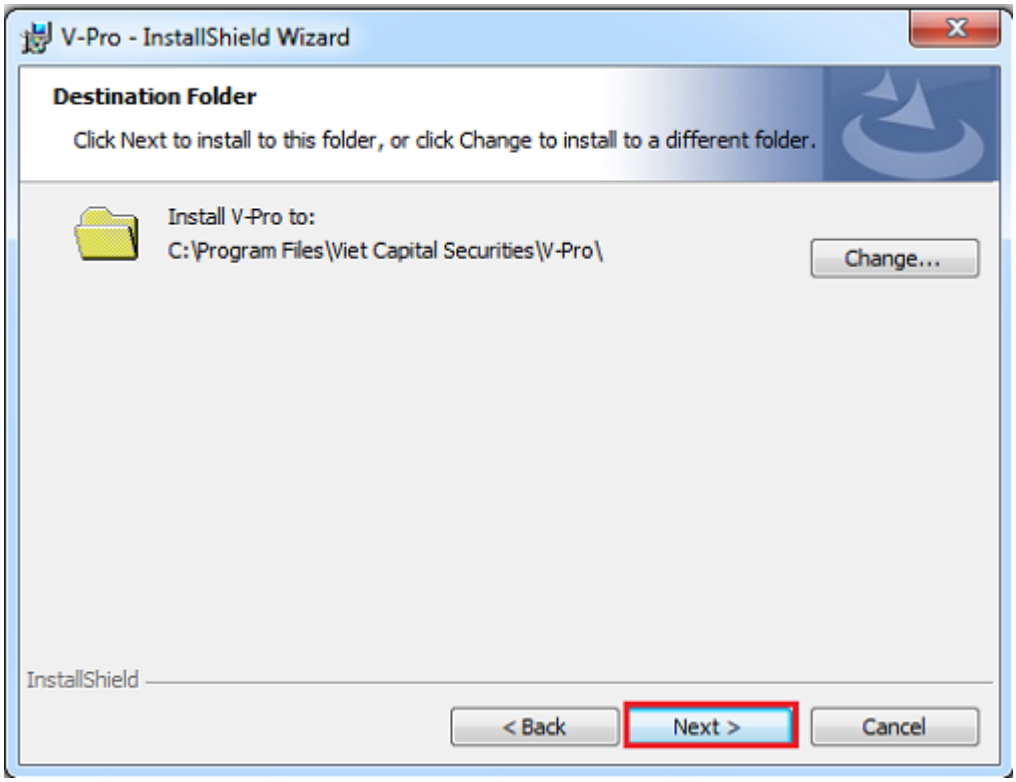


- Step 4: Click Next



- Step 5: Click Install

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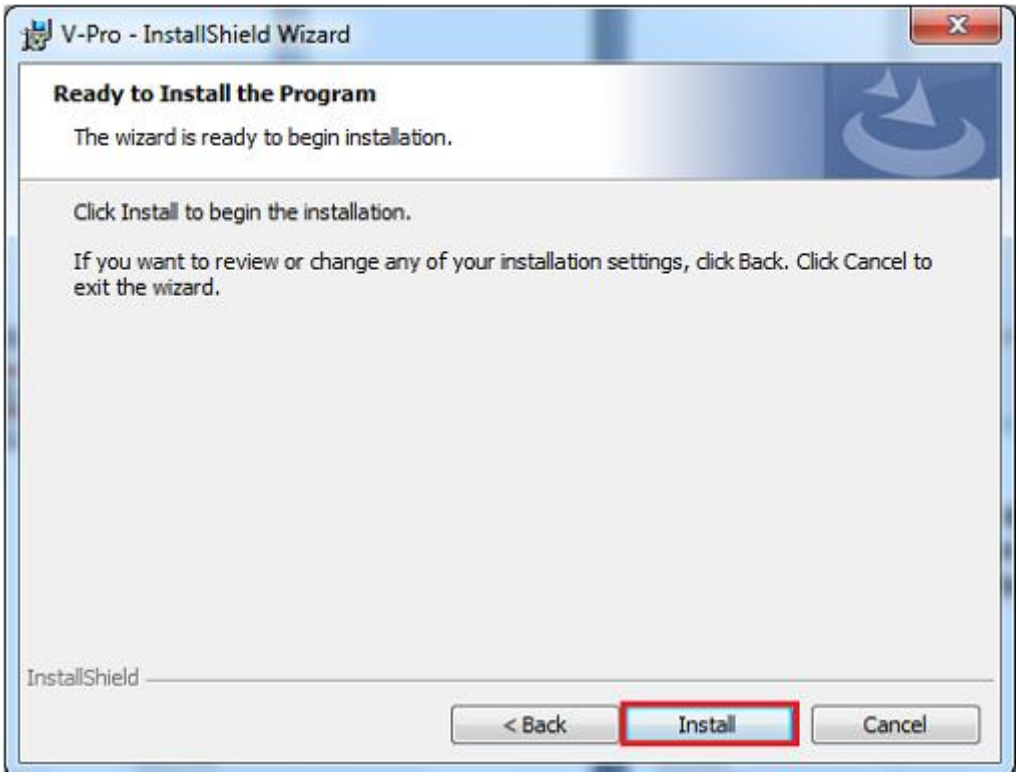

- Step 6: Click Finish and completing installation

1.3 Instruction for sign-in to the system

- After successful installation, yellow VPRO icon shall be found in your desktop

Double-click to this icon and sign-in by your ID and password provided when your account is established (if such details have not been provided, please contact our customer service to be provided). In addition, you could select language or server in option of "Cài đặt" as below illustration.

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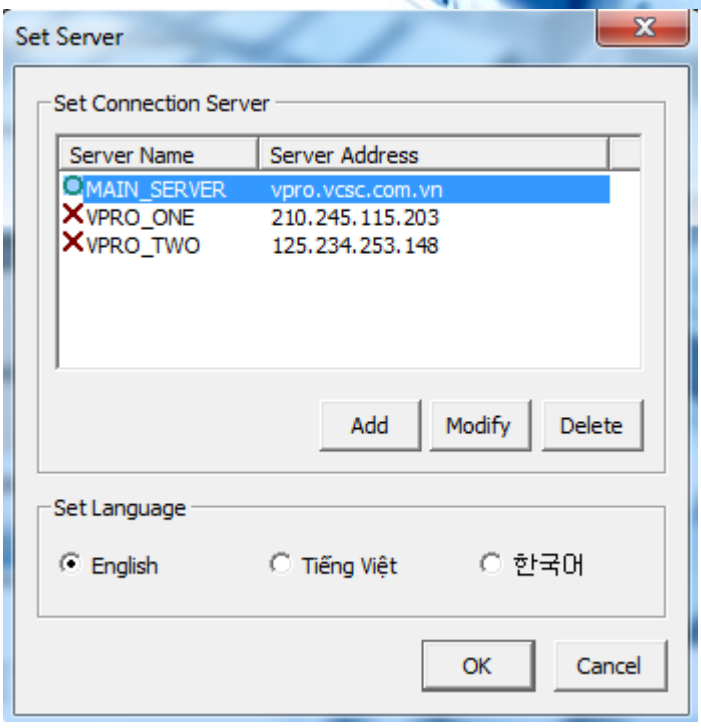

Once successful sign-in by your ID and password, the system shall require your further OTP's password (this password is matrix tab) as bellow. If you have not receive this data, please contact our customer service to be provided.

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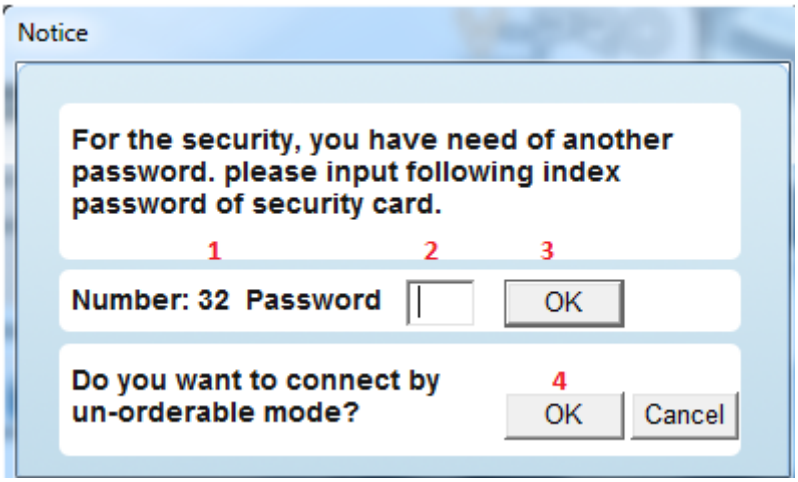
Series: 0900100001								www.vcsc.com.vn	
1	5473	2	6711	3	5137	4	1001	5	1558
6	7234	7	6305	8	6090	9	6143	10	8220
11	8392	12	4041	13	1882	14	4350	15	3544
16	5860	17	2143	18	8536	19	8746	20	2991
21	7725	22	7985	23	5550	24	8471	25	3128
26	6066	27	4554	28	6555	29	3429	30	3000
31	5794	32	2270	33	1170	34	7990	35	2801

- Compare the box of 1 in the matrix to get 4 correspondent numbers then input them into the box of 2. Click the button of "OK" in the box of 3 if you want to use all available functions of VPRO (balance accounting, selling/buying request, advance, money transfer, etc.). If the matrix has not been found, please click the button of "OK" in the box of 4 to refer only market data or quote without order request.



2. User instruction

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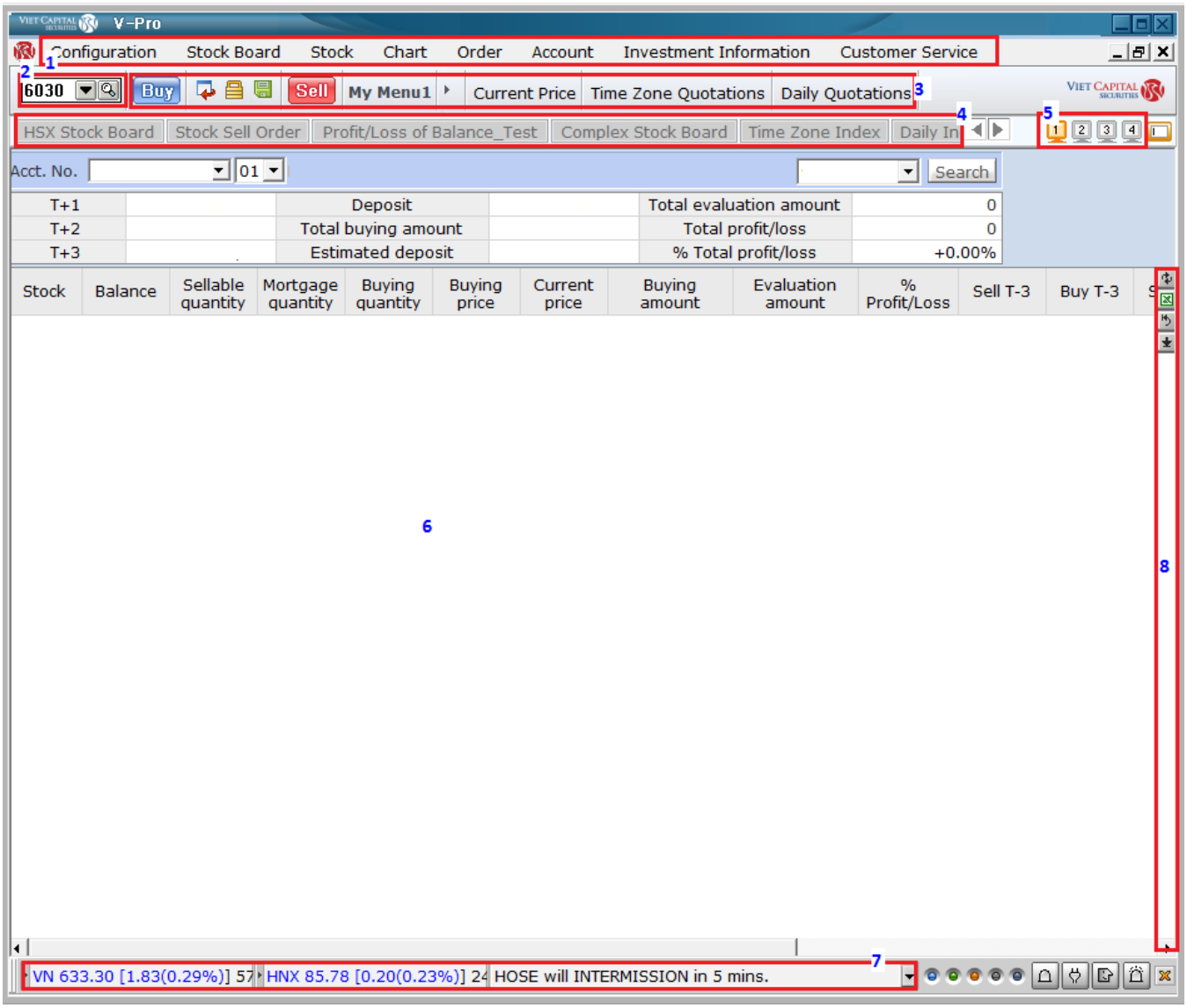

Items	*Notes*
1	Main menu group of program
2	Search/Quick input the corresponding windows
3	Toolbar, which can be hidden/showed by the settings below
4	Windows' names, which can be hidden/showed by the settings below
5	The virtual windows, which could be called as group of manipulation windows and set via the settings below
6	The main window for manipulation
7	The status bar, which can be hidden/showed by the settings below
8	Group functions for data creation, export to excel, advance search data in case of multiple data
	Change color (theme)
	Link the stock price between the windows

2.1. Configuration

2.1.1. Configuration

- Settings for the windows

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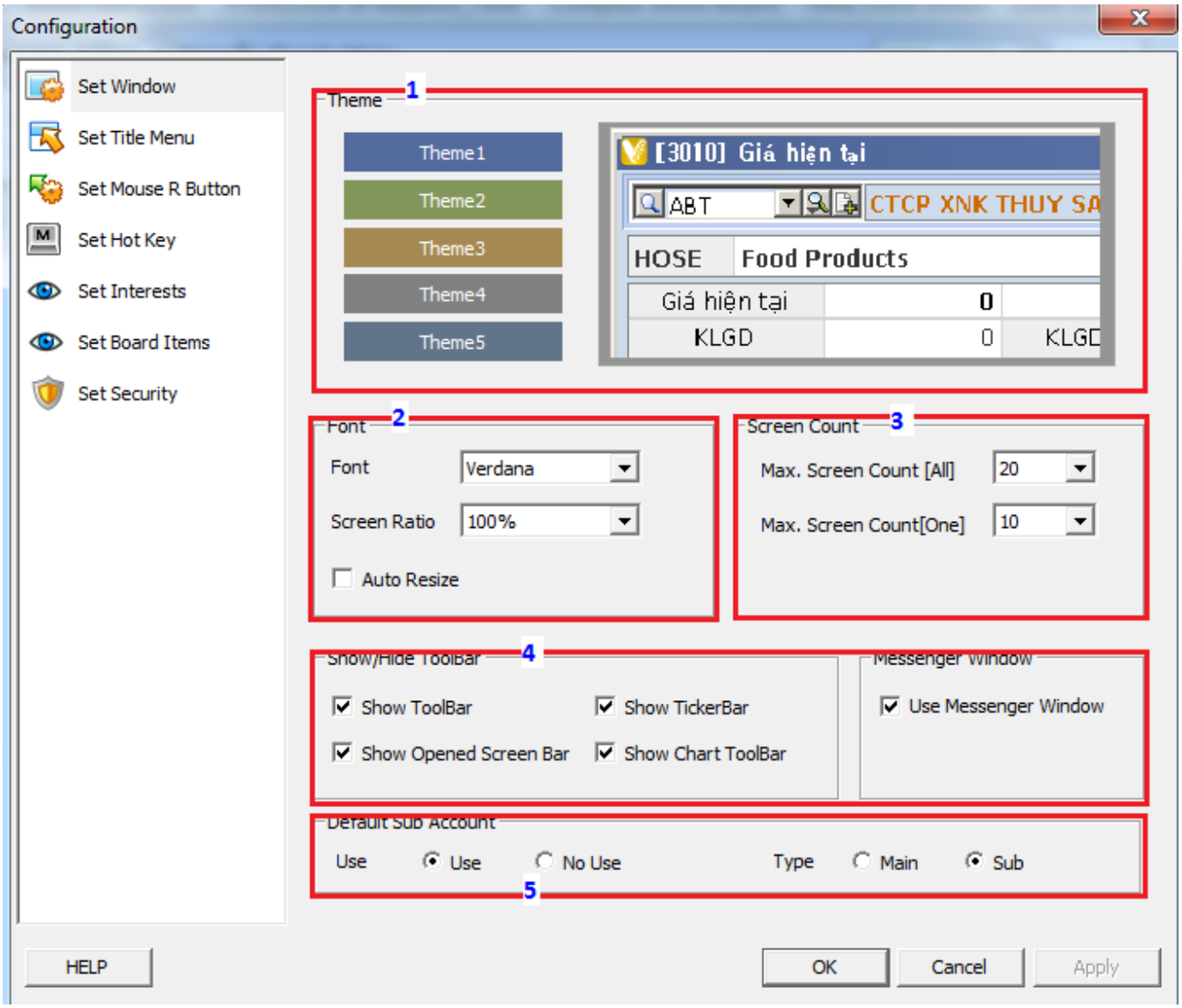

Items	*Notes*
1	Change color of the windows
2	Select font/window ratio/automatic adjustment of window size: It is able to select the font used on all V-Pro's windows. Size of first window could be selected by selection of window ratio. In case the function of automatic adjustment of window size is used, window size could be freely adjusted by drag to expand the frame of current window. Or at the opening of window, its size and ratio from 70% ~ 150% could be selected
3	Maximum number of windows: The maximum number of opening windows could be set in V-Pro. Up to 30 windows could be simultaneously displayed with 4 virtual windows and up to 30 windows could be simultaneously displayed with one virtual window.
4	Checking window messenger and settings to view other parts: TickerBar on main window of V-Pro could be checked or not. In addition, you could check to enable window messenger, if you want to receive messages from brokers by checking in right lower corner of main window.
5	Checking the default of sub-items: You could check for the default of sub-items of corresponding windows.

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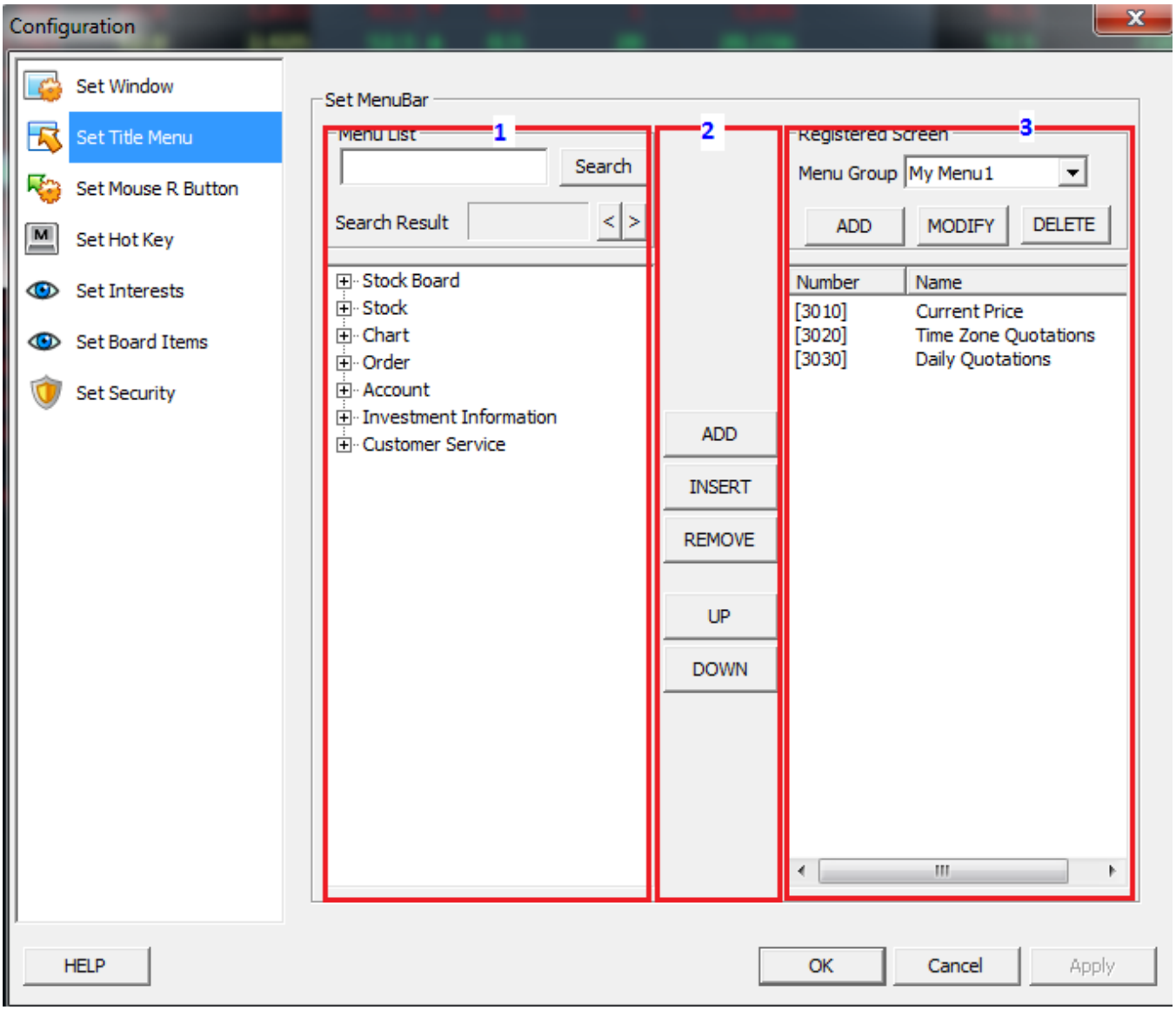
- Settings for the menu: Adding the group of frequently used windows in the respective your menu group. Such menus will be displayed on the toolbar of the main window of VPro



Items	*Notes*
1	Searching the window to be checked: The window could be search by key in the name of window
2	Add, remove, change location of checked window
3	Add, remove, modify the new menu and the list of menus added in each group of menu

- Setting the right click: Right-click on any windows of Vpro, the list of windows checked by this function will be displayed.

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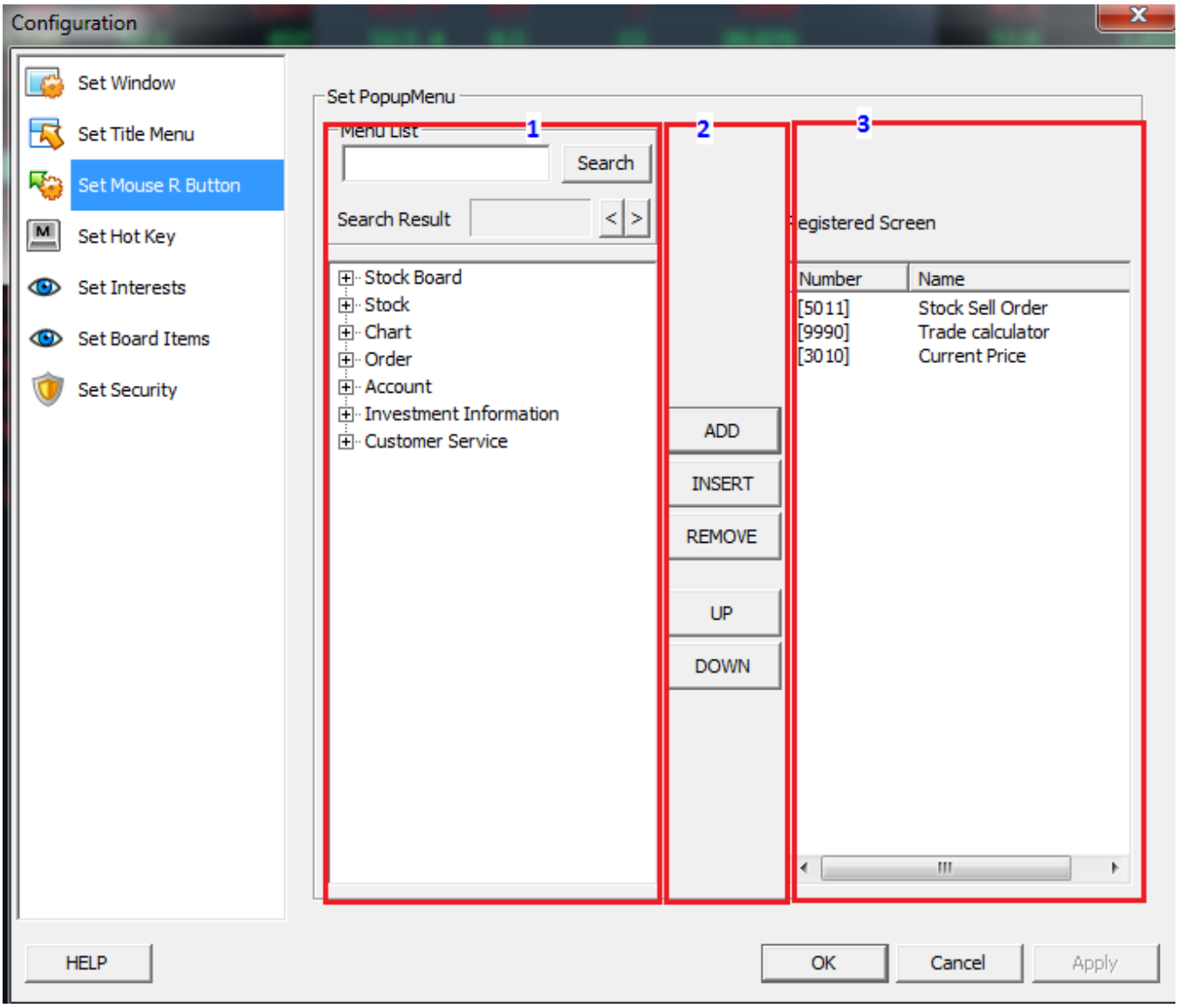

Items	*Notes*
1	Searching the window to be checked: It could be found by key in the name of window
2	Add, remove, change location of checked window
3	The list of menus added by right-click

- Setting the hot keys: The frequently used window could be opened by creating the hot keys. It is window which could have the functions compatible for each user

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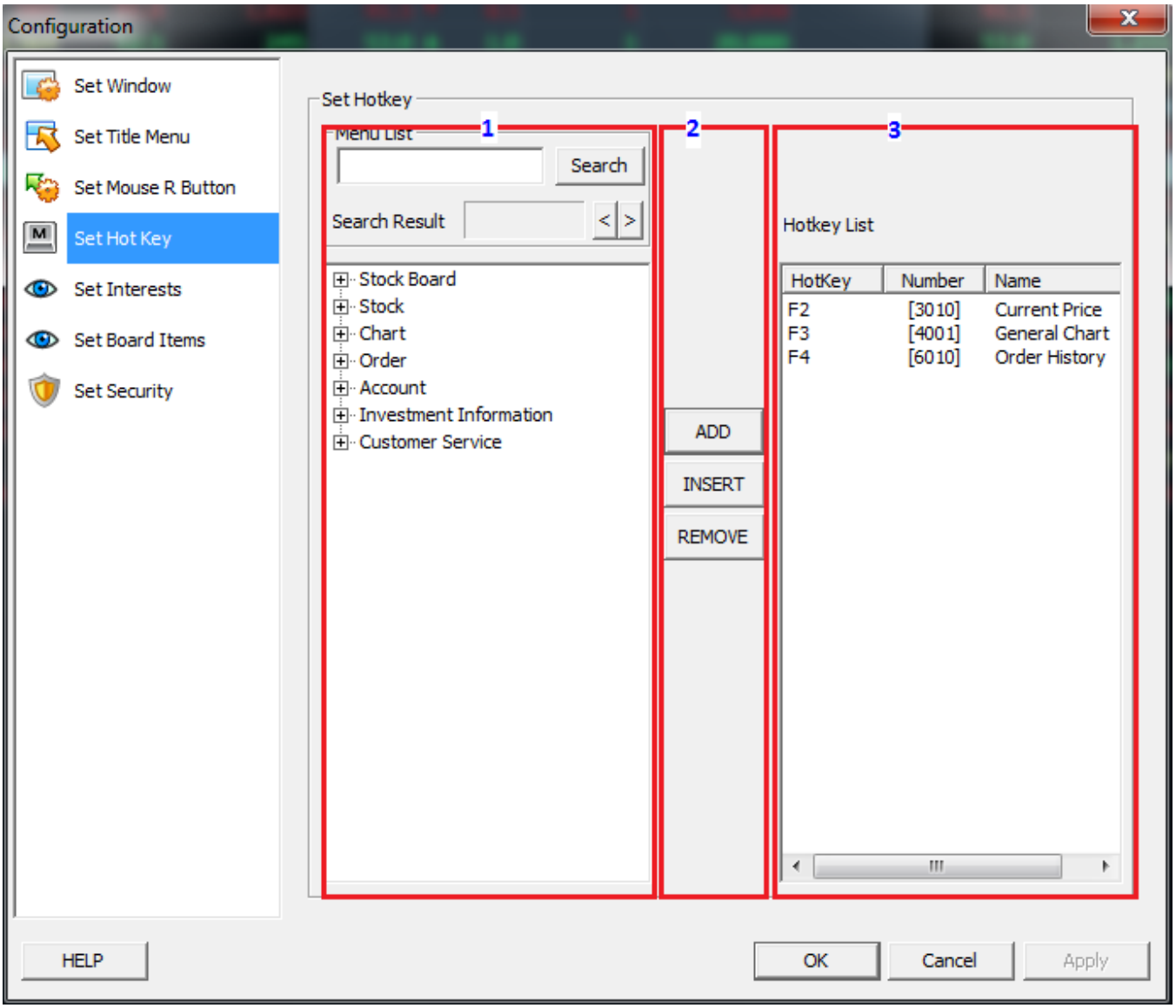

Items	*Notes*
1	Searching checked window: It could be found by key in the name of window
2	Add, remove checked window. Once click to this function, the box as same as figure 4 will be displayed
3	The list of windows in corresponding to the checked hot keys
4	Select the hot keys to be checked for the window you want

- Settings for the interested menu: By adding the preferred stocks into the list of interested menu in this function, then the system will save it in the windows related to this list: refer real-time quote, etc.

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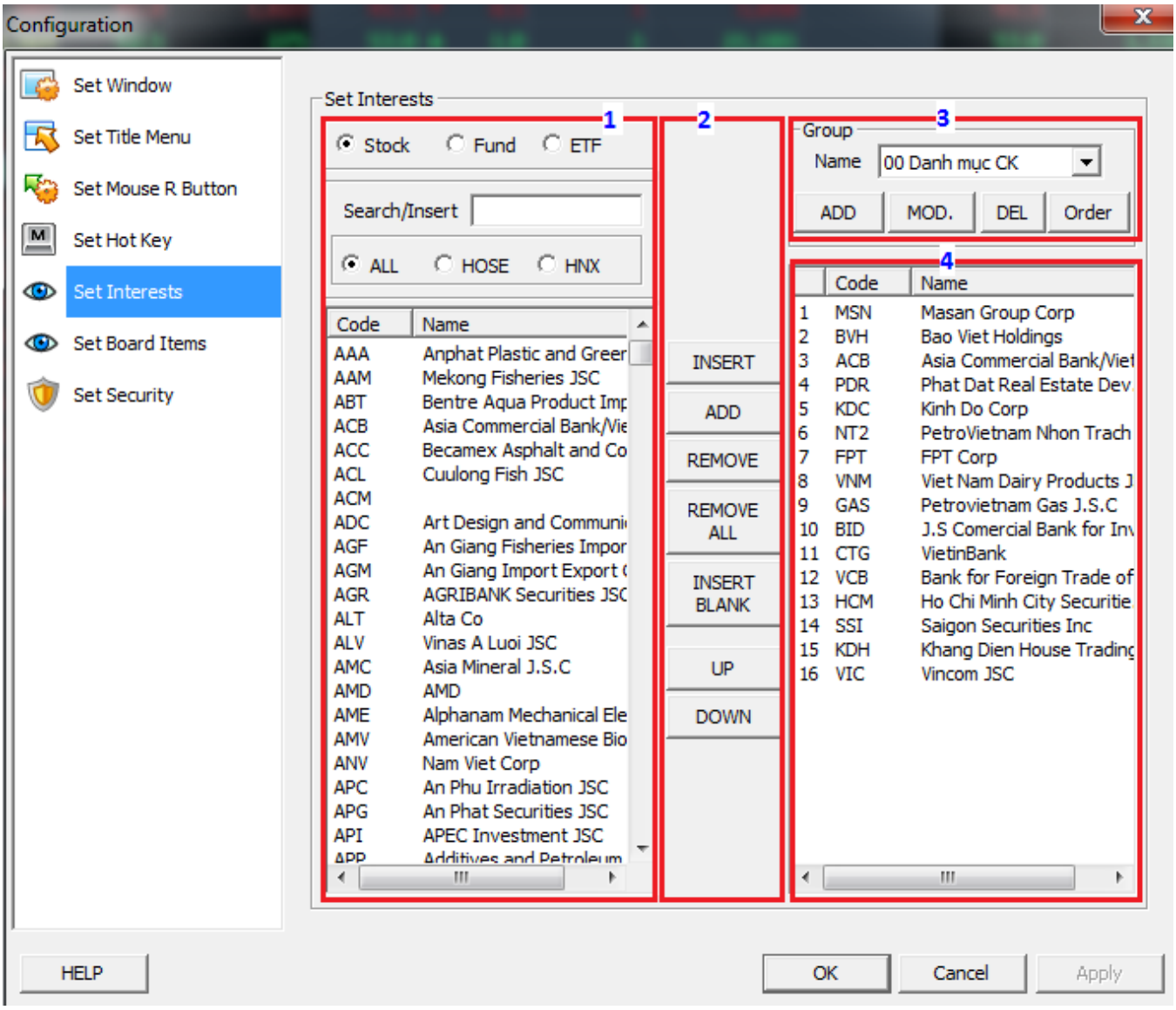

Items	*Notes*
1	Searching the stocks to be checked into portfolio
2	Add, remove or change the location of the stocks to be checked
3	Add, remove or change portfolios. Up to 100 portfolios could be made
4	The list of preferred stocks in corresponding portfolio. A portfolio consists of 150 securities symbols in maximum

- Setting quote: With this function, after setting, the corresponding quotes will displays the stocks selected in this box on top of priority

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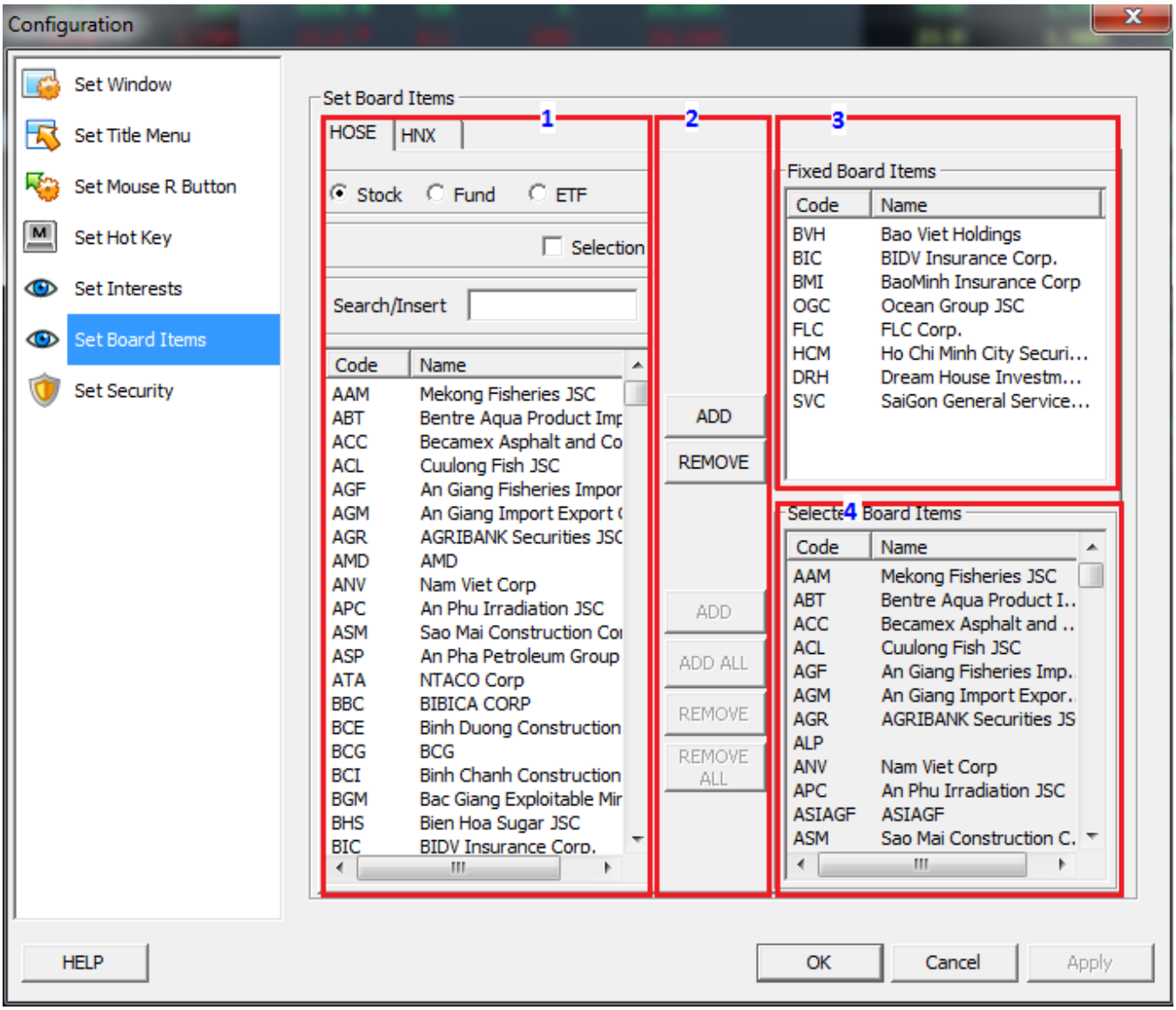

Items	*Notes*
1	Searching the stocks by HOSE/HNX stock exchange, which you want to be displayed on top of HOSE/HNX quote
2	Add, remove or change the location of the stocks to be checked
3	The list of checked stocks will be displayed on top
4	The list of checked stocks will be displayed in default

- Setting safety

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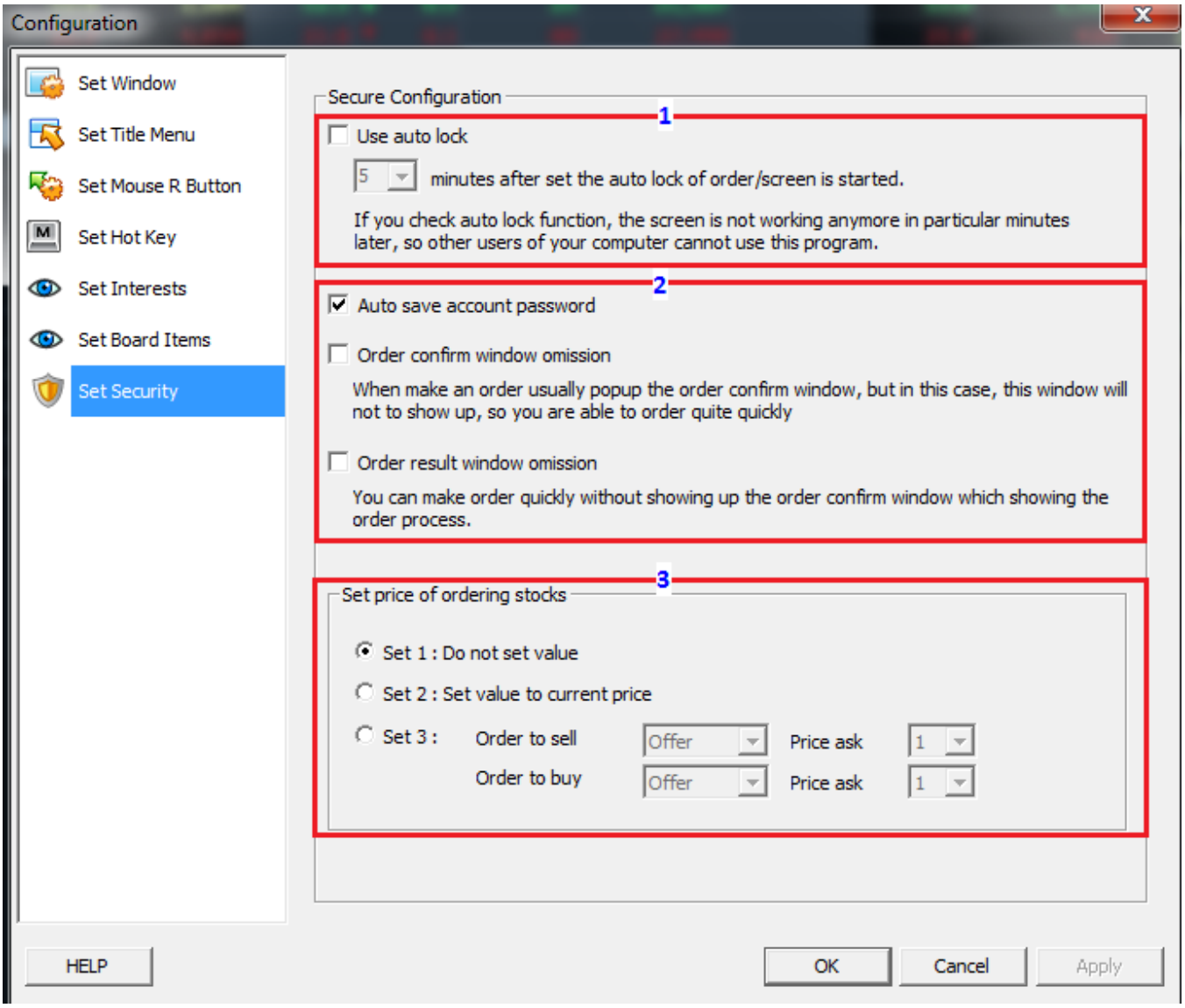

Items	*Notes*
1	After set timing, Vpro will be locked
2	Check in the corresponding value will save password or Ignore pop-up of order request confirmation or Ignore pop-up of request result notification
3	Setting the price to be displayed

2.2 Other functions

- Searching window: searching the corresponding windows as needed

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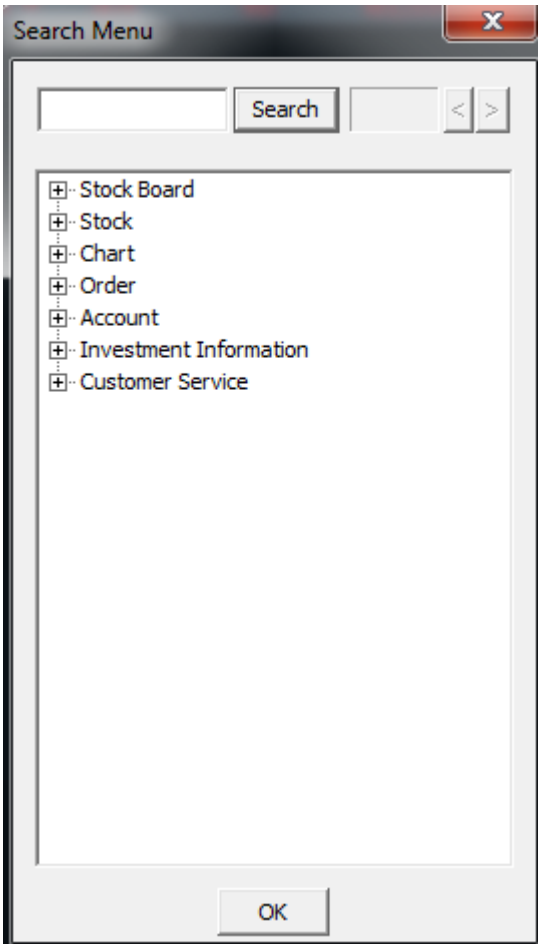
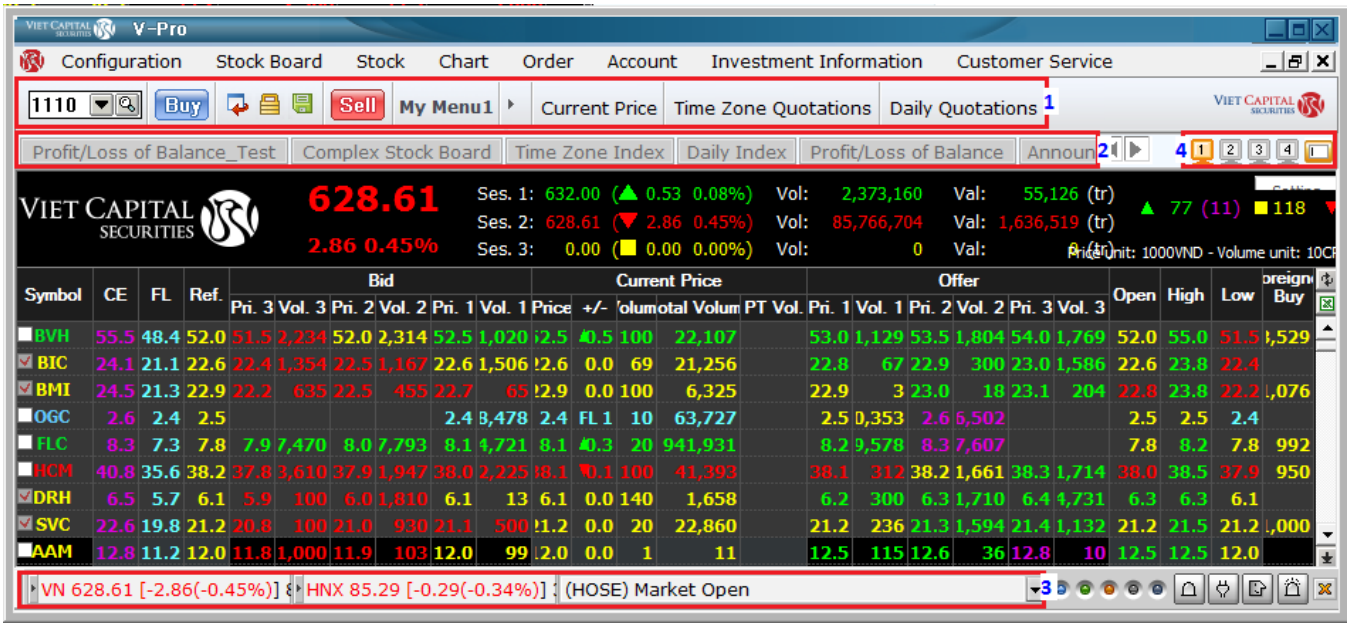


- Quick update: Where VCSC notifies of new update of system, you only check this function for automatic update of your software if you are using it without restarting system.
- Print out the window: Printing your current window
- Print out the content: Printing the contents of your current window
- Save the window: Save your current window
- Copy the window: Copy your current window
- Hide/display toolbar: Automatic hide/display toolbar on the main window of Vpro as in figure 1



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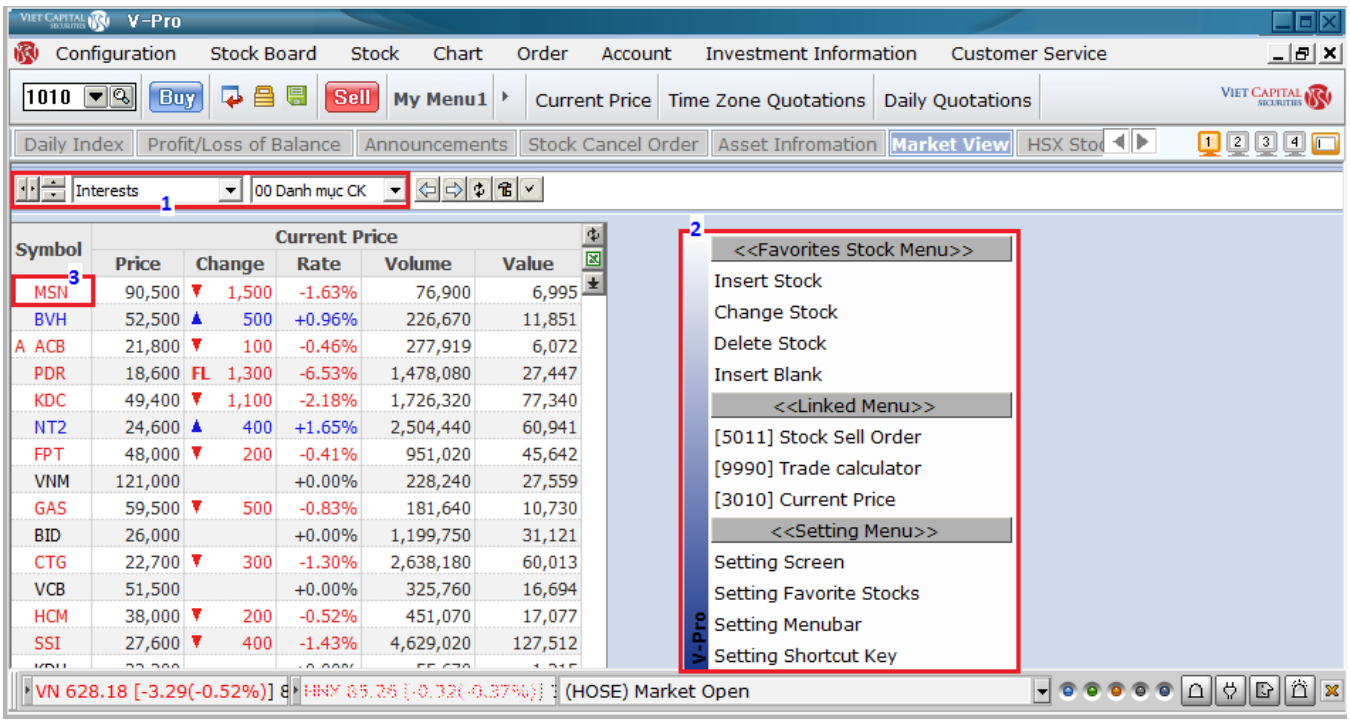
- Hide/display name of window: Automatic hide/display name of the windows on the main window of Vpro as in figure 2
- Hide/display name of toolbar: Automatic hide/display toolbar of the windows on the main window of Vpro as in figure 3
- Display on 2 windows: Where you use 2 windows at the same time
- Display mode: Cascade, and arranged as virtual windows of 1, 2, 3 and so on as in figure 4
- About Vpro: information of server and connecting computer
- Sign-in in other ID: Where you want sign-in in other ID
- Locking transaction function: Only the function of order request is unable, other functions are enable
- Log-out

2.2 Real-time quote

2.2.1 Interested portfolio (1010): It is for help you look up the price of the day after the interested portfolio has been made as above. The interested portfolio will be saved in the server and you can access it at any computer with your ID



Items	*Notes*
1	Group of functions relating to interested portfolio
2	Add, change or quickly remove the securities symbols in your current portfolio
3	In double-clicking in the securities symbol, it will link to the window of its Current price. In addition, you could drag and drop a securities symbol in portfolio out the window to remove quickly it from your portfolio
	The button used to add/remove the window displaying interested portfolio horizontally
	The button used to add/remove the window displaying interested portfolio vertically
Interests	Select the interested group created previously or by corresponding industries
00 Danh mục CK	The sub-group corresponding to portfolio as mentioned above
	Moving between the sub-groups

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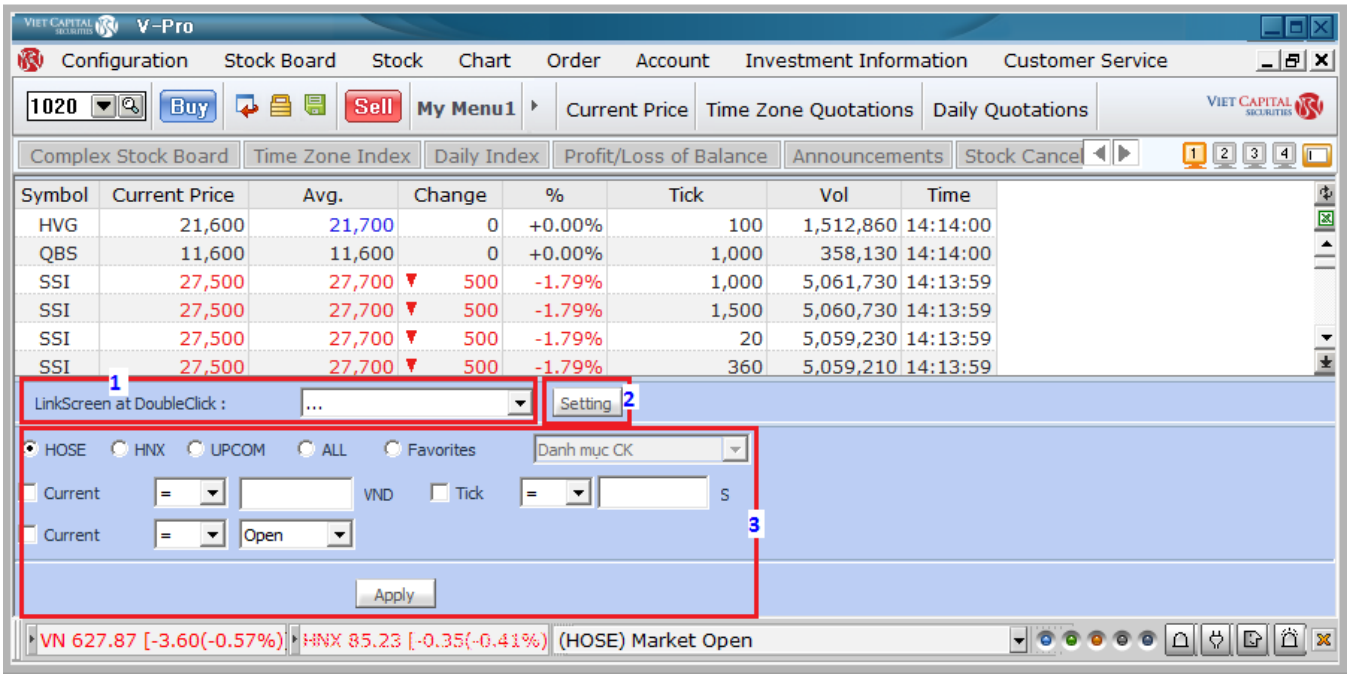
	Update new information
	Go to the window for checking interested portfolio
	Setting data to be displayed

2.2.2 Table of matching orders (1020): The window to view automatically the stocks in portfolio which has been set the conditions for matching and perform matching for it



Items	*Notes*
1	Linking window in double click: It will be linked in double click in special portfolio of the list of window and then a pop-up will be displayed. It is only needed to make after combo boxes are checked. If the configurations are set to meet the item of 3 , then the windows of this box will popup automatically.
2	After the button of "Cài đặt" is clicked, with the application of diversified filter such as matched price, matched volume or comparison with opening price, highest price and lowest price, then the portfolios you like could be found
3	In double-click at the center of window, you can create dynamic window. You can set the filter by specific matching details such as markets, interested portfolios, opening price, highest price, lowest price or matched volume at the bottom of window. After completion of setting and if the button of "Áp dụng" is clicked, then the changes will be saved

2.2.3 The summary chart of transactions of all markets (1030): It is window for reference of the fluctuation of the index and information of the stock fluctuating significantly on the market such as transaction quantity, bullish/bearish of the stocks in the day and HNX and HSX indexes

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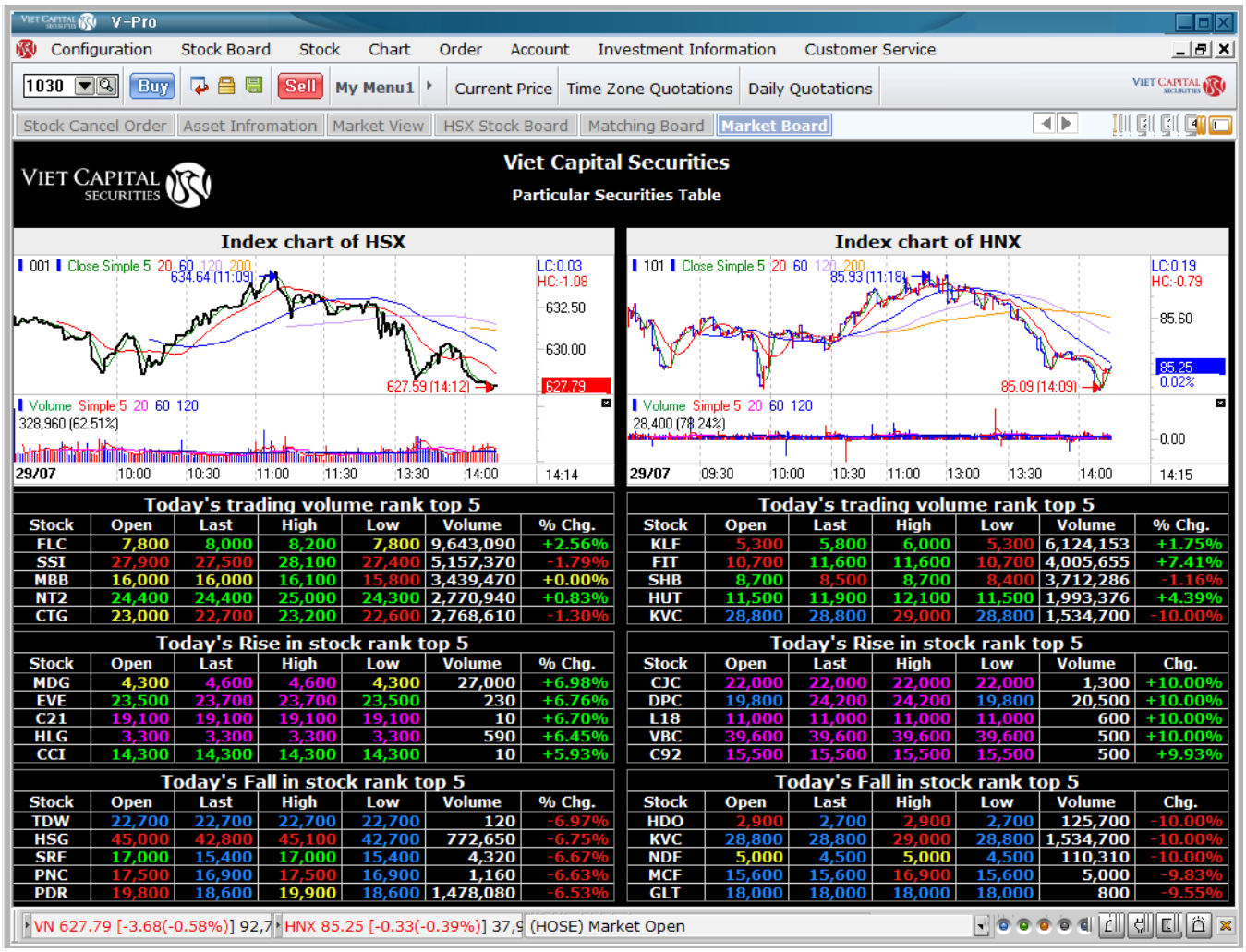
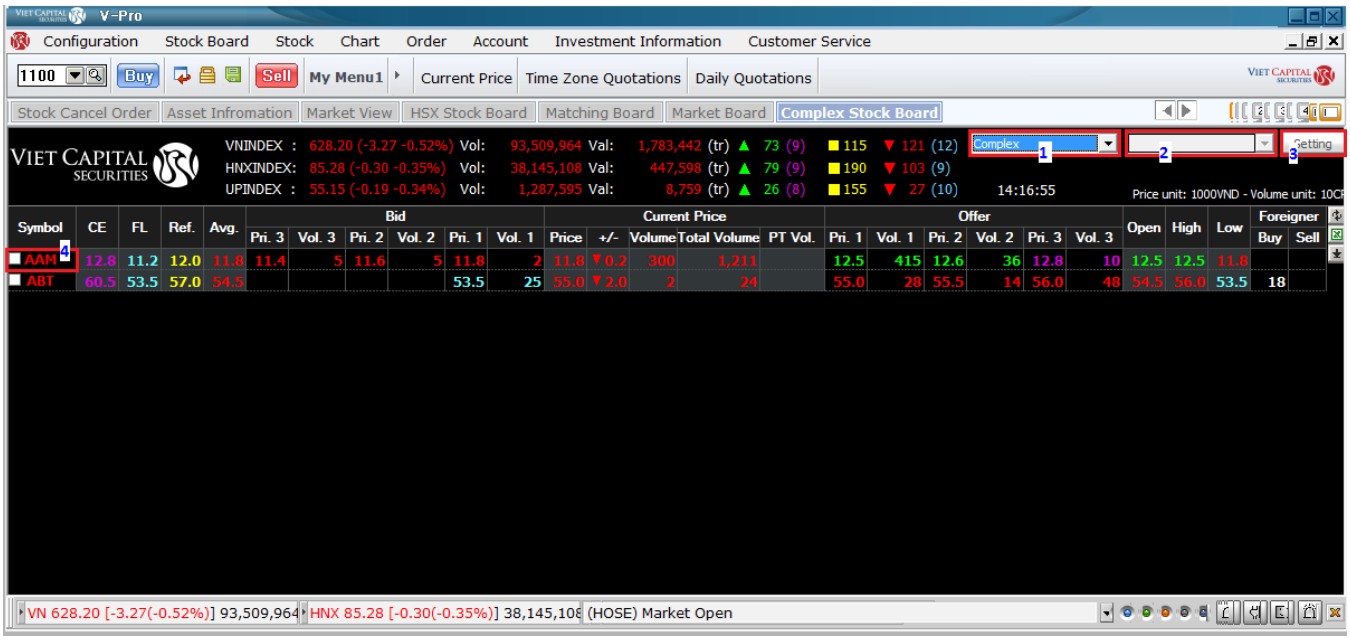


2.2.4 The summary chart of quote (1100): It is window for reference of real-time summary chart of price of all stocks of HSX/HNX/UPCOM



Items	*Notes*

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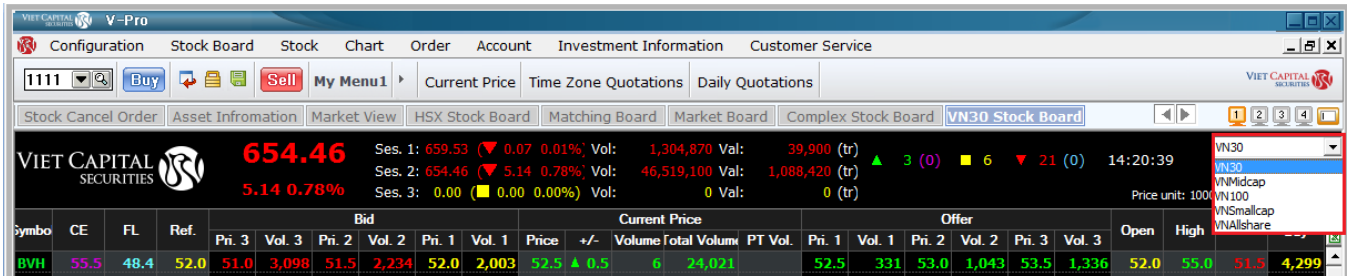
1	Selecting to refer the interested portfolio which has been made previously or refer by the stocks checked in item of 3
2	Interested portfolio which has been made previously if reference by the stocks checked in item of 1
3	Settings related to display stocks: check the stocks of stock exchange needed to be referred, the number of order of buying/selling, number of buying/selling stocks, bold/light fonts and so on
4	You could move quickly the stocks to the top by checking in this box

2.2.5 HSX real-time quote (1110): as same as the window of 1100
2.2.6 Real-time quote of other indexes of HSX (1111): You could refer the list of stocks of the indexes of HSX in this window by checking such indexes as in below figure



2.2.7 HNX real-time quote (1120): as same as the window of 1100
2.2.8 Real-time quote of other indexes of HNX (1121): as same as the window of 1111
2.2.9 UPCOM real-time quote (1130): as same as the window of 1100

2.3 Securities
2.3.1 List
- Current price (3010): The window of current price is one of the most used windows. The current price of the lists of HSX, HNX, UPCOM and overbought/oversold price shall be found in right side of window. In addition of current price of checked portfolio, in this window, you could be able search the information of order matching, chart and market price

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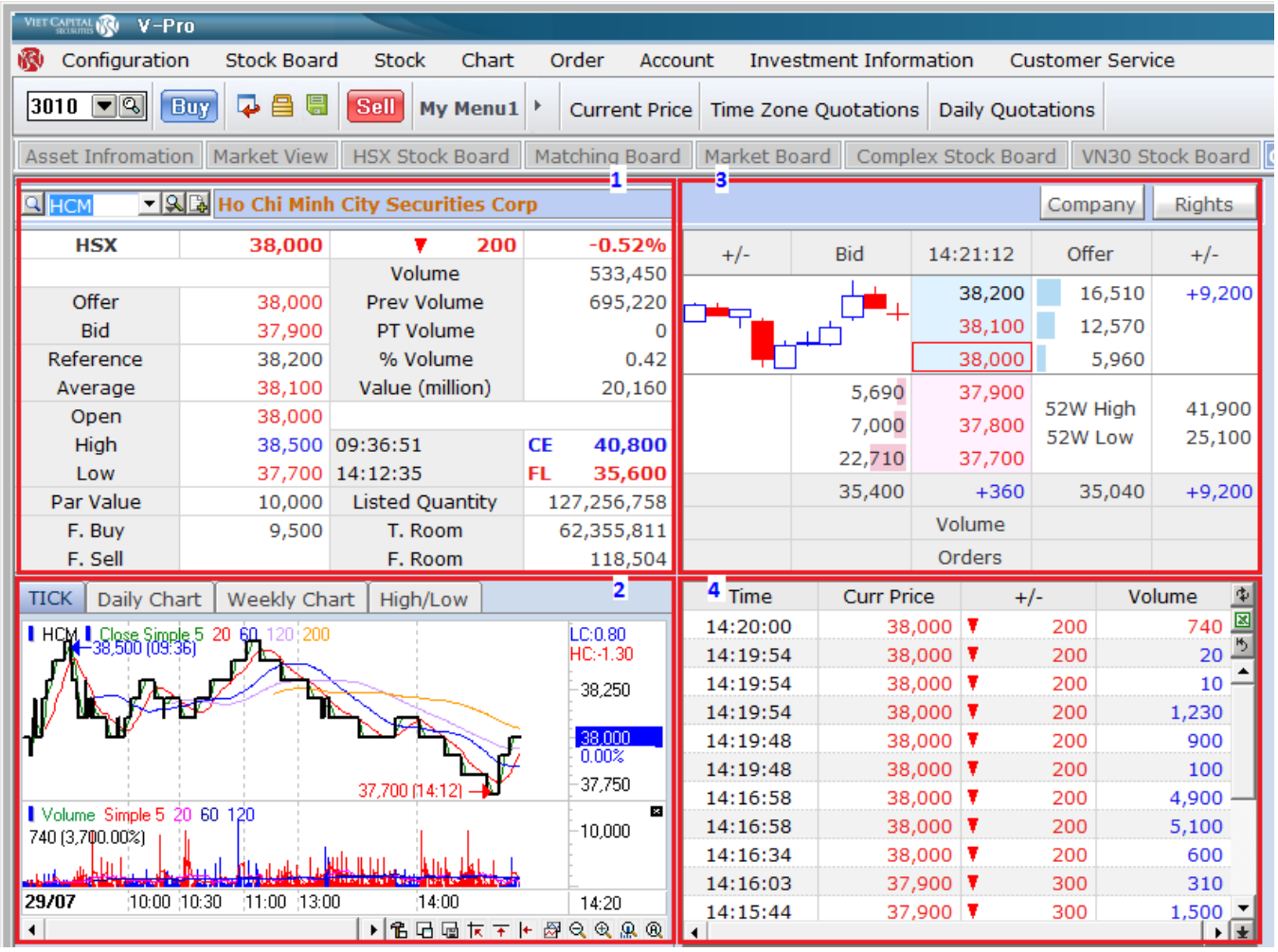

Items	*Notes*
1	Information of price: You can look up the information of day price such as highest price, lowest price, the opening price, the percentage of increase or decrease, the volume of transactions, the current price of selected portfolio.
2	The chart of order matching volume by day, by week, highest/lowest price
3	Overbought/oversold information, company's information, information of rights relating to refering securities symbols
4	Day matching list of checked stock
	Searching the securities symbol for reference
	Display up to 20 latest referred securities symbols
	Select to see the securities symbols in the interested portfolio or previous securities symbol
	Select for quick reference of the symbols in the interested portfolio selected as above
	Add quickly the viewing stock in interested portfolio.

- Hourly price (3030): Viewing order matching information by time in the past. The criteria to select the stock are as same as Window 3010

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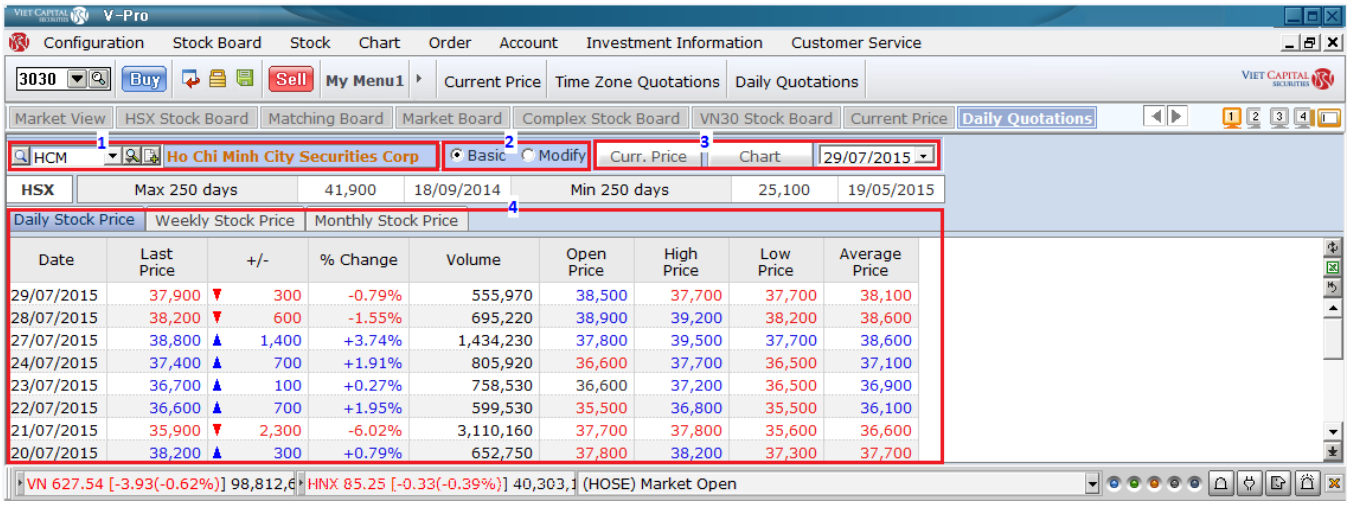

Items	***Notes***
1	The criteria to select the stock are as same as Window 3010
2	Select the price adjusted or unadjusted by the event of right
3	Viewing current price or corresponding chart
4	Statistics by day/week/month
	Searching the securities symbol for reference
	Display up to 20 latest referred securities symbols
	Select to see the securities symbols in the interested portfolio or previous securities symbol
	Select for quick reference of the symbols in the interested portfolio selected as above
	Add quickly the viewing stock in interested portfolio.

- Market price of the stocks (3040): Up to 3 symbols could be viewed at the same time.

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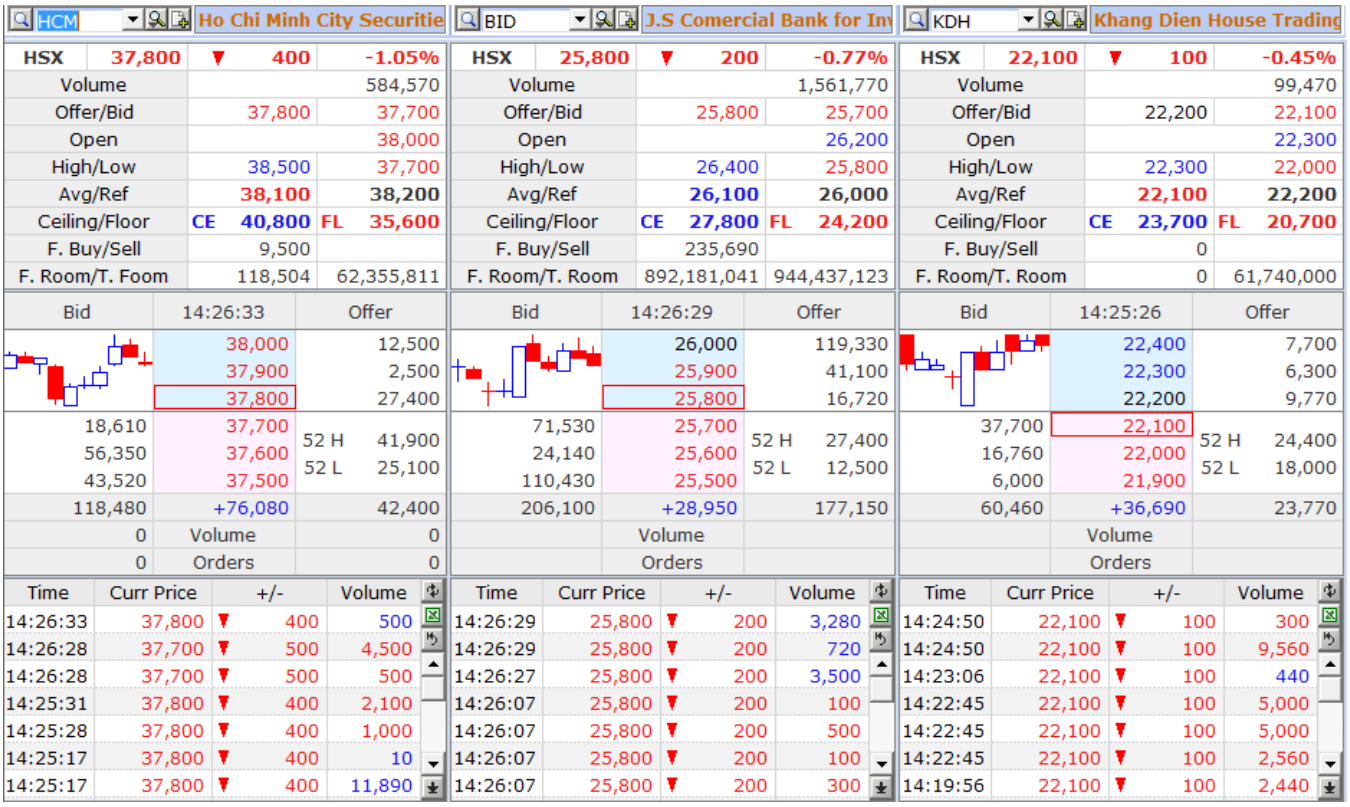
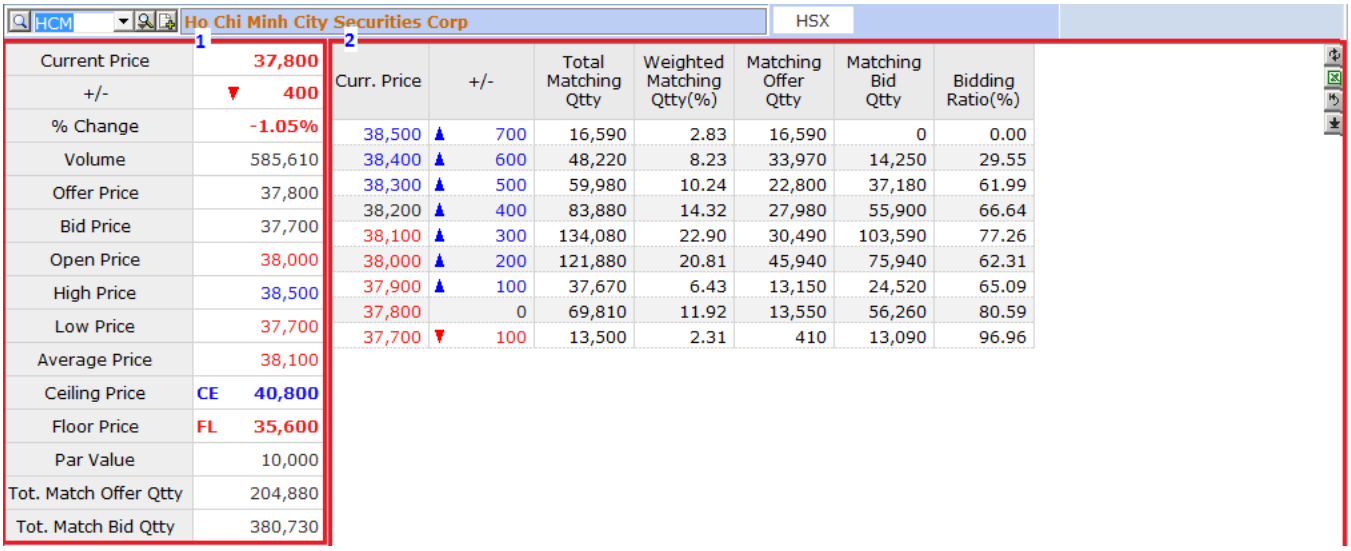


- Percentage of price matching (3050)



Items	*Notes*
1	Information of day market price of checked portfolio could be searched
2	Information of matching by price of matching percentage and order matching volume by day price could be searched
	Searching the securities symbol for reference
	Display up to 20 latest referred securities symbols
	Select to see the securities symbols in the interested portfolio or previous securities symbol
	Select for quick reference of the symbols in the interested portfolio selected as above

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	Add quickly the viewing stock in interested portfolio.

2.3.2 Special stock

- Statistics of bullish/bearish stocks (3110): Statistics of bullish/bearish stocks

[3110] Rise/Fall in Stock Rank

HSX HNX UPCOM All Up(%) Down(%) 28/07/2015 ~ 29/07/2015

No.	Stock	Current Price	+/-	% Change	Volume	Advanced Ratio	Advanced Range	Closing Price (Start Date)	Closing Price (End Date)
1	U HPP	27,600	CE 3,600	+15.00%	2,200	15.00	3,600	24,000	27,600
2	U TDS	6,200	CE 800	+14.81%	400	14.81	800	5,400	6,200
3	U TGP	3,100	CE 400	+14.81%	100	14.81	400	2,700	3,100
4	U CT3	11,700	CE 1,500	+14.71%	100	14.71	1,500	10,200	11,700
5	U DPP	12,900	CE 1,600	+14.16%	100	14.16	1,600	11,300	12,900
6	U SDV	14,800	▲ 1,800	+13.85%	100	13.85	1,800	13,000	14,800
7	U SPH	11,000	▲ 1,300	+13.40%	5,000	13.40	1,300	9,700	11,000
8	U SCO	1,700	CE 200	+13.33%	100	13.33	200	1,500	1,700
9	A CJC	22,000	CE 2,000	+10.00%	1,300	10.00	2,000	20,000	22,000
10	A DPC	24,200	CE 2,200	+10.00%	20,500	10.00	2,200	22,000	24,200
11	A L18	11,000	CE 1,000	+10.00%	600	10.00	1,000	10,000	11,000
12	A VBC	39,600	CE 3,600	+10.00%	500	10.00	3,600	36,000	39,600
13	A HAD	47,000	▲ 4,100	+9.56%	200	9.56	4,100	42,900	47,000
14	A INC	5,800	CE 500	+9.43%	6,200	9.43	500	5,300	5,800
15	A FIT	11,800	CE 1,000	+9.26%	4,952,455	9.26	1,000	10,800	11,800
16	A LBE	15,500	▲ 1,300	+9.15%	1,100	9.15	1,300	14,200	15,500
17	A HDA	14,400	▲ 1,200	+9.09%	829,921	9.09	1,200	13,200	14,400
18	A S12	2,600	CE 200	+8.33%	100	8.33	200	2,400	2,600
19	A SRB	2,600	CE 200	+8.33%	2,724	8.33	200	2,400	2,600
20	A BKC	14,900	▲ 1,100	+7.97%	20,700	7.97	1,100	13,800	14,900

Items	***Notes***
A ACB	Securities symbols of HNX
ACC	Securities symbols of HSX
U ADP	Securities symbols of UPCOM

- Statistics of day transactions (3120)

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[3120] Daily Trading Volume Rank

HSX HNX UPCOM All Today Prior Day Volume

No.	Stock	Current Price	+/-	% Change	Today			Prior Day		
					Volume	Value	% Volume	Volume	Value	% Volume
1	FLC	8,000	▲ 200	+2.56%	9,806,550	77,616	1.85	6,779,520	53,724	1.28
2	A KLF	5,900	▲ 200	+3.51%	6,797,803	39,428	4.48	4,252,083	24,839	2.80
3	SSI	27,500	▼ 500	-1.79%	5,805,360	159,740	1.36	7,175,100	201,127	1.68
4	A FIT	11,800	CE 1,000	+9.26%	4,952,455	56,239	8.25	3,442,476	38,128	5.74
5	A SHB	8,500	▼ 100	-1.16%	3,841,386	32,708	0.43	3,820,157	33,064	0.43
6	MBB	15,900	▼ 100	-0.63%	3,692,150	58,448	0.32	6,832,320	109,873	0.59
7	OGC	2,400	FL 100	-4.00%	3,390,990	7,869	1.13	4,280,720	10,847	1.43
8	CTG	22,600	▼ 400	-1.74%	3,176,850	72,091	0.09	4,370,370	101,058	0.12
9	HPG	33,400	▼ 900	-2.62%	2,947,800	94,688	0.40	2,009,060	70,503	0.27
10	NT2	24,500	▲ 300	+1.24%	2,835,160	68,974	1.11	0,592,840	250,777	4.14
11	HAI	9,200	▲ 200	+2.22%	2,447,820	21,977	2.40	1,590,610	14,462	1.56
12	GTN	10,500	▲ 300	+2.94%	2,261,940	23,271	3.33	1,611,730	16,270	2.37
13	A HUT	11,900	▲ 500	+4.39%	2,257,904	26,729	2.67	1,088,744	12,524	1.29
14	IDI	7,700	0	+0.00%	2,014,110	15,298	2.36	2,221,200	16,908	2.60
15	HHS	22,200	▼ 600	-2.63%	1,944,660	43,554	1.75	2,169,470	50,454	1.95
16	KDC	49,300	▼ 1,200	-2.38%	1,843,120	83,054	0.72	8,059,010	405,990	3.14
17	SBT	15,000	▲ 100	+0.67%	1,693,080	24,985	1.14	1,435,050	21,571	0.97
18	HAG	17,700	▼ 300	-1.67%	1,671,440	29,183	0.21	2,034,520	36,555	0.26
19	BID	25,700	▼ 300	-1.15%	1,651,680	42,672	0.05	1,836,300	48,440	0.06
20	HVG	21,600	0	+0.00%	1,620,350	34,799	0.86	3,585,300	79,048	1.89

- Statistics of ceiling/floor stocks (3130)

[3130] Consecutive Upper Limit

HSX HNX UPCOM All Ceiling

No.	Stock	Current Price	+/-	% Change	Volume	Offer Price	Bid Price	% Volume	Days
1	HLG	3,300	CE 200	+6.45%	590	0	0	0.00	8
2	A CJC	22,000	CE 2,000	+10.00%	1,300	0	22,000	0.07	3
3	ATA	2,700	CE 100	+3.85%	1,010	0	0	0.01	2
4	U CT3	11,700	CE 1,500	+14.71%	100	0	11,700	0.00	2
5	A DPC	24,200	CE 2,200	+10.00%	20,500	23,800	19,800	0.92	2
6	U SJM	1,700	CE 200	+13.33%	1,200	1,700	1,500	0.02	2
7	U TGP	3,100	CE 400	+14.81%	100	0	3,100	0.00	2
8	C21	19,100	CE 1,200	+6.70%	10	19,100	18,100	0.00	1
9	A CVN	1,900	CE 100	+5.56%	25,100	1,900	1,800	0.77	1
10	U DPP	12,900	CE 1,600	+14.16%	100	0	11,300	0.01	1
11	EVE	23,700	CE 1,500	+6.76%	230	0	23,200	0.00	1
12	A FIT	11,800	CE 1,000	+9.26%	4,952,455	0	0	8.25	1
13	U HLA	1,100	CE 100	+10.00%	59,910	1,100	1,000	0.17	1
14	U HPP	27,600	CE 3,600	+15.00%	2,200	27,600	23,100	0.04	1
15	ICF	4,300	CE 200	+4.88%	21,740	4,300	4,200	0.17	1
16	A INC	5,800	CE 500	+9.43%	6,200	5,800	5,300	0.34	1
17	A KHL	2,000	CE 100	+5.26%	163,200	1,900	1,900	2.91	1
18	KSS	1,500	CE 100	+7.14%	474,850	0	1,400	0.96	1
19	A L18	11,000	CE 1,000	+10.00%	600	0	10,000	0.01	1
20	LCM	2,300	CE 100	+4.55%	35,330	0	0	0.14	1

- Statistics of highest/lowest price stocks (3140)

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[3140] New High/Low

HSX HNX UPCOM All New High New Low 5 days (5 days / 20 days / 250 days)

No.	Stock	Current Price	+/-	% Change	Volume	High		Previous High	Previous Date
1	ANV	9,700	300	+3.19%	39,120	9,700	29/07/2015	9,600	23/07/2015
2	ASM	8,200	100	+1.23%	1,600,960	8,200	29/07/2015	8,100	22/07/2015
3	BBC	67,000	2,000	+3.08%	540	67,000	29/07/2015	65,500	27/07/2015
4	BCG	17,800	700	+4.09%	1,462,170	17,800	29/07/2015	17,300	22/07/2015
5	A BKC	14,900	1,100	+7.97%	20,700	14,900	29/07/2015	14,500	22/07/2015
6	BT6	6,800	300	+4.62%	10,960	6,800	29/07/2015	6,600	22/07/2015
7	U BTW	16,900	1,200	+7.64%	100	16,900	29/07/2015	16,000	24/07/2015
8	C21	19,100	CE 1,200	+6.70%	10	19,100	29/07/2015	18,300	22/07/2015
9	CCI	14,300	800	+5.93%	10	14,300	29/07/2015	13,500	28/07/2015
10	A CJC	22,000	CE 2,000	+10.00%	1,300	22,000	29/07/2015	20,000	28/07/2015
11	U CT3	11,700	CE 1,500	+14.71%	100	11,700	29/07/2015	10,200	28/07/2015
12	A DPC	24,200	CE 2,200	+10.00%	20,500	24,200	29/07/2015	22,500	22/07/2015
13	U DPP	12,900	CE 1,600	+14.16%	100	12,900	29/07/2015	11,300	27/07/2015
14	U DTC	6,100	500	+8.93%	300	6,100	29/07/2015	5,800	22/07/2015
15	DVP	55,000	2,500	+4.76%	3,400	55,000	29/07/2015	53,000	22/07/2015
16	U FBA	3,400	200	+6.25%	100	3,400	29/07/2015	3,200	27/07/2015
17	GSP	12,900	100	+0.78%	102,470	12,900	29/07/2015	12,800	24/07/2015
18	GTN	10,500	300	+2.94%	2,261,940	10,500	29/07/2015	10,300	27/07/2015

- Arranging by bullish/bearish percentage of trading volume (3150)

[3150] Sudden Rise/Fall in Trade Volume Rank

HSX HNX UPCOM All Rapid Advance Rapid Decline Prior day (Prior day / 5 days / 10 days / 20 days / 60 days / 120 days / 250 days)

No.	Stock	Current Price	+/-	% Change	Volume	Rapid AR		Average Volume	Highest 250 days	Lowest 250 Days
1	A BKC	14,900	1,100	+7.97%	20,700	414,000.00		5	18,000	8,800
2	U DDV	11,000	600	-5.17%	240,900	60,225.00		400	16,200	10,200
3	SRF	16,500	0	+0.00%	5,110	51,100.00		10	19,000	14,700
4	HMC	9,000	0	+0.00%	6,490	16,225.00	0.03	40	10,100	8,400
5	PDN	35,500	400	-1.11%	1,390	13,900.00	0.01	10	45,900	28,000
6	A LUT	4,000	FL 400	-9.09%	12,000	12,000.00	0.08	100	5,900	3,800
7	U TLT	6,400	1,000	-13.51%	10,000	10,000.00	0.14	100	8,200	3,500
8	VNH	1,700	FL 100	-5.56%	82,460	9,162.22	1.03	900	5,800	1,400
9	U V11	1,200	0	+0.00%	14,400	6,857.14	0.29	210	2,300	1,200
10	A EID	12,800	100	-0.78%	5,700	5,700.00	0.04	100	14,400	11,400
11	U V15	800	FL 100	-11.11%	10,600	5,300.00	0.11	200	2,900	800
12	TBC	26,900	600	+2.28%	510	5,100.00	0.00	10	27,800	20,300
13	U SPH	11,000	1,300	+13.40%	5,000	5,000.00	0.05	100	12,300	4,100
14	ABT	56,000	1,000	-1.75%	940	4,700.00	0.01	20	66,500	47,500
15	A SCJ	8,800	200	-2.22%	4,600	4,600.00	0.05	100	18,000	7,200
16	A VE1	5,800	0	+0.00%	4,000	4,000.00	0.13	100	7,700	3,400
17	A VE3	12,600	300	-2.33%	9,100	3,033.33	0.69	300	16,600	8,900
18	A V12	9,600	200	+2.13%	12,100	3,025.00	0.21	400	11,200	8,700
19	A TCS	8,800	700	-7.37%	35,500	2,958.33	0.24	1,200	12,700	8,300
20	SC5	26,400	100	+0.38%	810	2,700.00	0.01	30	30,900	17,700

- Arranging by day trading percentage (3160)

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[3160] Turnover Ratio Rank

HSX HNX UPCOM All today

today
2 days
3 days
5 days
10 days
20 days

No.	Stock	Current Price	+/-	% Ch		Value	Offer Price	Bid Price	Cumulative Volume	% Volume
1	A HDA	14,400	▲ 1,200	+9	1	11,669	0	0	829,921	37.72
2	A FIT	11,800	CE 1,000	+9	5	56,239	0	0	4,952,455	8.25
3	A VE9	16,500	0	+0.00%	342,700	5,603	16,700	16,500	342,700	4.76
4	A KLF	5,900	▲ 200	+3.51%	6,797,803	39,428	0	0	6,797,803	4.48
5	A TNG	29,500	▲ 600	+2.08%	476,773	13,924	0	29,400	476,773	3.54
6	CDO	19,800	0	+0.00%	667,700	13,180	0	19,800	667,700	3.34
7	GTN	10,500	▲ 300	+2.94%	2,261,940	23,271	0	0	2,261,940	3.33
8	BGM	3,000	0	+0.00%	1,504,520	4,425	0	0	1,504,520	3.29
9	A CVT	22,700	▼ 900	-3.81%	255,590	5,921	0	22,700	255,590	3.19
10	A SPI	3,500	0	+0.00%	79,000	268	3,500	3,200	79,000	3.16
11	AMD	12,900	▲ 100	+0.78%	933,480	11,877	0	0	933,480	3.11
12	A VKC	8,500	▲ 100	+1.19%	395,800	3,399	8,400	8,500	395,800	3.04
13	DAG	12,200	▼ 100	-0.81%	564,160	6,691	0	0	564,160	2.97
14	A KHL	2,000	CE 100	+5.26%	163,200	310	1,900	0	163,200	2.91
15	A TVC	14,700	▼ 100	-0.68%	190,300	2,809	14,700	14,600	190,300	2.76
16	A HUT	11,900	▲ 500	+4.39%	2,257,904	26,729	11,900	11,900	2,257,904	2.67
17	KSA	4,900	FL 300	-5.77%	906,580	4,448	0	0	906,580	2.43
18	HAI	9,200	▲ 200	+2.22%	2,447,820	21,977	0	0	2,447,820	2.40
19	IDI	7,700	0	+0.00%	2,014,110	15,298	7,700	0	2,014,110	2.36
20	KMR	6,000	▼ 200	-3.23%	1,044,070	6,207	0	6,000	1,044,070	2.35

- Arranging by bullish/bearish percentage of opening price (3170)

[3170] Market Price vs. Rise/Fall

HSX HNX UPCOM All Up Down

No.	Stock	Current Price	+/-	% Change	Volume	Open Price	+/- (Open)	% Change (Open)	Prev Close Price	Prev Volume
1	U TDS	6,200	CE 800	+14.81%	400	6,200	800	+14.81%	5,400	0
2	U TGP	3,100	CE 400	+14.81%	100	3,100	400	+14.81%	2,700	100
3	U CT3	11,700	CE 1,500	+14.71%	100	11,700	1,500	+14.71%	10,200	100
4	U DPP	12,900	CE 1,600	+14.16%	100	12,900	1,600	+14.16%	11,300	0
5	U VNI	7,400	FL 1,200	-13.95%	200	9,800	1,200	+13.95%	8,600	100
6	U SDV	14,800	▲ 1,800	+13.85%	100	14,800	1,800	+13.85%	13,000	0
7	U SPH	11,000	▲ 1,300	+13.40%	5,000	11,000	1,300	+13.40%	9,700	100
8	U SCO	1,700	CE 200	+13.33%	100	1,700	200	+13.33%	1,500	3,100
9	A CJC	22,000	CE 2,000	+10.00%	1,300	22,000	2,000	+10.00%	20,000	3,200
10	A L18	11,000	CE 1,000	+10.00%	600	11,000	1,000	+10.00%	10,000	0
11	A VBC	39,600	CE 3,600	+10.00%	500	39,600	3,600	+10.00%	36,000	0
12	A C92	14,100	0	+0.00%	600	15,500	1,400	+9.93%	14,100	0
13	A SDU	13,300	▲ 100	+0.76%	3,200	14,500	1,300	+9.85%	13,200	2,700
14	A INC	5,800	CE 500	+9.43%	6,200	5,800	500	+9.43%	5,300	0
15	A SDE	3,400	▲ 100	+3.03%	1,100	3,600	300	+9.09%	3,300	0
16	A VAT	12,900	▲ 700	+5.74%	5,100	13,300	1,100	+9.02%	12,200	300
17	U DTC	6,100	▲ 500	+8.93%	300	6,100	500	+8.93%	5,600	6,800
18	A S12	2,600	CE 200	+8.33%	100	2,600	200	+8.33%	2,400	0
19	U VTA	6,400	▲ 200	+3.23%	12,000	6,700	500	+8.06%	6,200	14,000
20	U VPC	1,400	CE 100	+7.69%	9,700	1,400	100	+7.69%	1,300	9,900

2.3.3 Analysis of foreign trading

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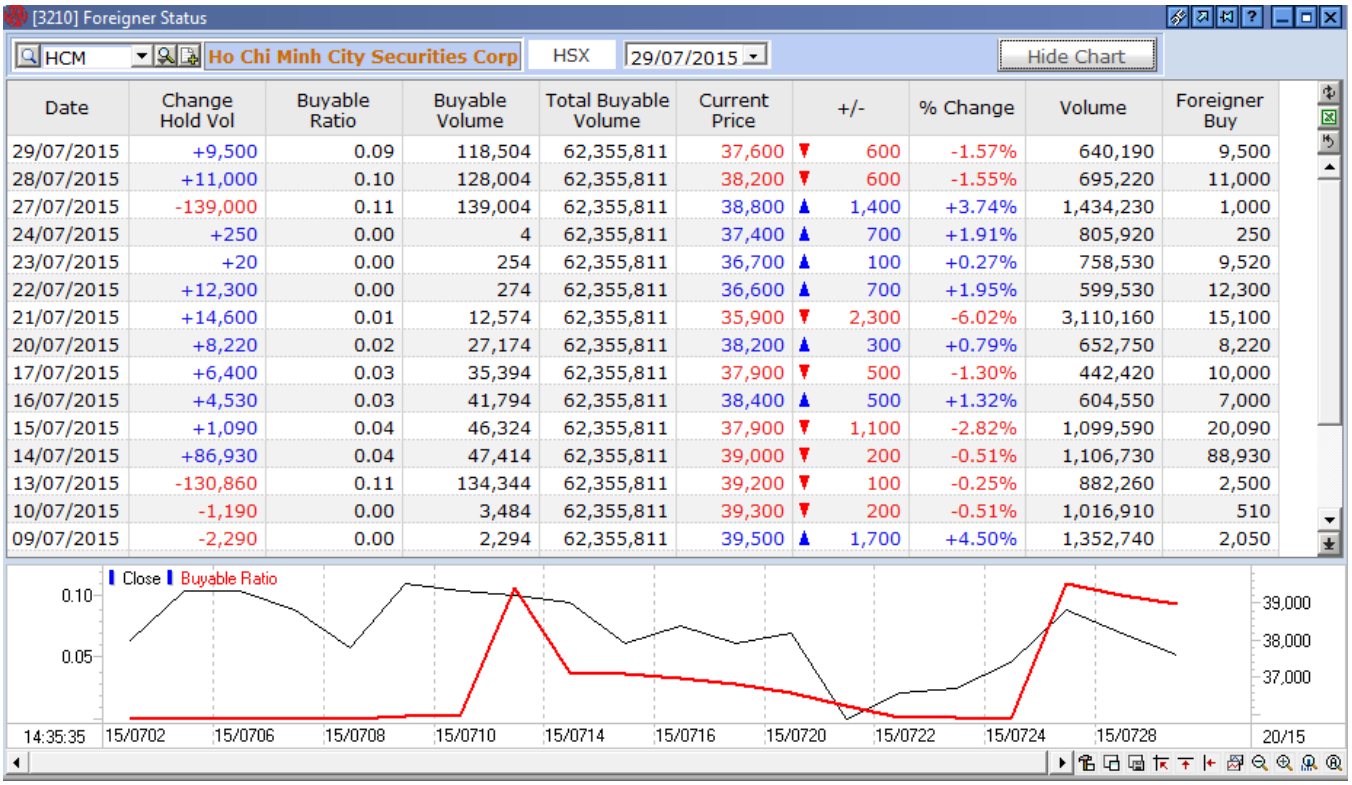
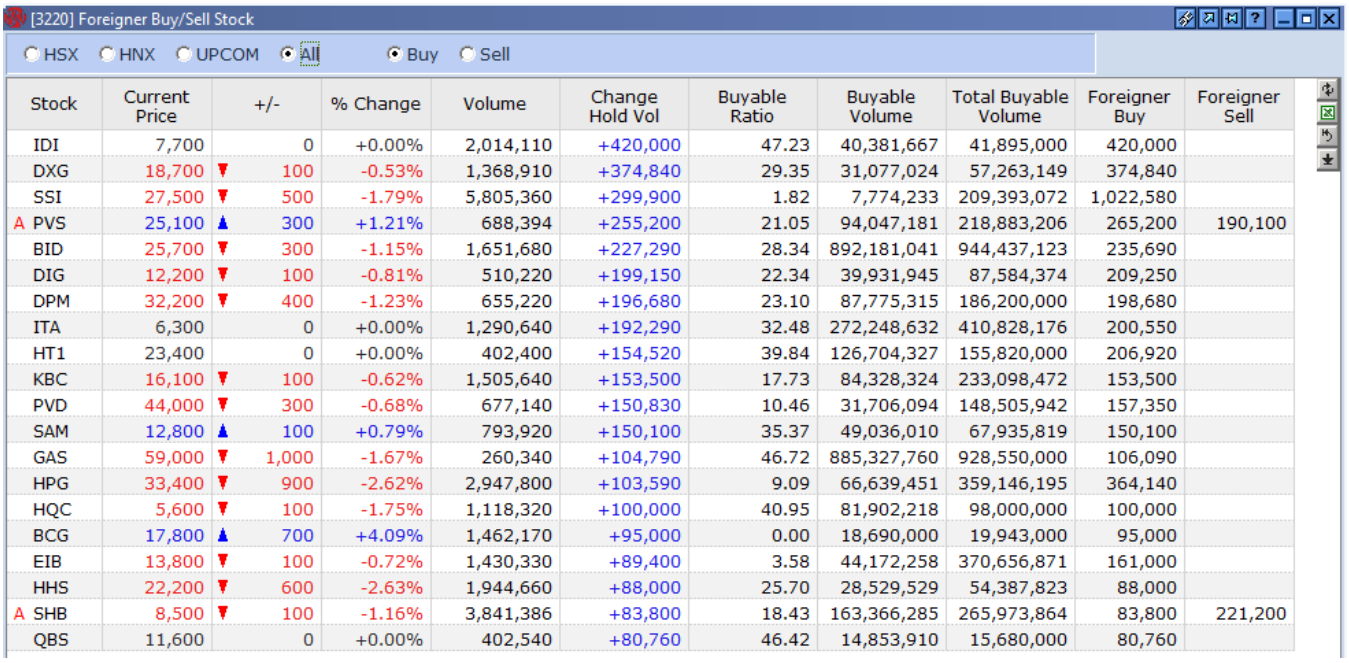
- The percentage of stock holding by foreign investors (3210): The percentage of stock holding by foreign investors



Date	Change Hold Vol	Buyable Ratio	Buyable Volume	Total Buyable Volume	Current Price	+/-	% Change	Volume	Foreigner Buy
29/07/2015	+9,500	0.09	118,504	62,355,811	37,600	▼ 600	-1.57%	640,190	9,500
28/07/2015	+11,000	0.10	128,004	62,355,811	38,200	▼ 600	-1.55%	695,220	11,000
27/07/2015	-139,000	0.11	139,004	62,355,811	38,800	▲ 1,400	+3.74%	1,434,230	1,000
24/07/2015	+250	0.00	4	62,355,811	37,400	▲ 700	+1.91%	805,920	250
23/07/2015	+20	0.00	254	62,355,811	36,700	▲ 100	+0.27%	758,530	9,520
22/07/2015	+12,300	0.00	274	62,355,811	36,600	▲ 700	+1.95%	599,530	12,300
21/07/2015	+14,600	0.01	12,574	62,355,811	35,900	▼ 2,300	-6.02%	3,110,160	15,100
20/07/2015	+8,220	0.02	27,174	62,355,811	38,200	▲ 300	+0.79%	652,750	8,220
17/07/2015	+6,400	0.03	35,394	62,355,811	37,900	▼ 500	-1.30%	442,420	10,000
16/07/2015	+4,530	0.03	41,794	62,355,811	38,400	▲ 500	+1.32%	604,550	7,000
15/07/2015	+1,090	0.04	46,324	62,355,811	37,900	▼ 1,100	-2.82%	1,099,590	20,090
14/07/2015	+86,930	0.04	47,414	62,355,811	39,000	▼ 200	-0.51%	1,106,730	88,930
13/07/2015	-130,860	0.11	134,344	62,355,811	39,200	▼ 100	-0.25%	882,260	2,500
10/07/2015	-1,190	0.00	3,484	62,355,811	39,300	▼ 200	-0.51%	1,016,910	510
09/07/2015	-2,290	0.00	2,294	62,355,811	39,500	▲ 1,700	+4.50%	1,352,740	2,050

- Securities symbols trading by foreign investors (3220): This window will help you to search day trading of foreign investors. You could search the items relating to foreigners' trading such as the number of trading stocks, bought percentage, buyable/sellable volume of foreigners



Stock	Current Price	+/-	% Change	Volume	Change Hold Vol	Buyable Ratio	Buyable Volume	Total Buyable Volume	Foreigner Buy	Foreigner Sell
IDI	7,700	0	+0.00%	2,014,110	+420,000	47.23	40,381,667	41,895,000	420,000	
DXG	18,700	▼ 100	-0.53%	1,368,910	+374,840	29.35	31,077,024	57,263,149	374,840	
SSI	27,500	▼ 500	-1.79%	5,805,360	+299,900	1.82	7,774,233	209,393,072	1,022,580	
A PVS	25,100	▲ 300	+1.21%	688,394	+255,200	21.05	94,047,181	218,883,206	265,200	190,100
BID	25,700	▼ 300	-1.15%	1,651,680	+227,290	28.34	892,181,041	944,437,123	235,690	
DIG	12,200	▼ 100	-0.81%	510,220	+199,150	22.34	39,931,945	87,584,374	209,250	
DPM	32,200	▼ 400	-1.23%	655,220	+196,680	23.10	87,775,315	186,200,000	198,680	
ITA	6,300	0	+0.00%	1,290,640	+192,290	32.48	272,248,632	410,828,176	200,550	
HT1	23,400	0	+0.00%	402,400	+154,520	39.84	126,704,327	155,820,000	206,920	
KBC	16,100	▼ 100	-0.62%	1,505,640	+153,500	17.73	84,328,324	233,098,472	153,500	
PVD	44,000	▼ 300	-0.68%	677,140	+150,830	10.46	31,706,094	148,505,942	157,350	
SAM	12,800	▲ 100	+0.79%	793,920	+150,100	35.37	49,036,010	67,935,819	150,100	
GAS	59,000	▼ 1,000	-1.67%	260,340	+104,790	46.72	885,327,760	928,550,000	106,090	
HPG	33,400	▼ 900	-2.62%	2,947,800	+103,590	9.09	66,639,451	359,146,195	364,140	
HQC	5,600	▼ 100	-1.75%	1,118,320	+100,000	40.95	81,902,218	98,000,000	100,000	
BCG	17,800	▲ 700	+4.09%	1,462,170	+95,000	0.00	18,690,000	19,943,000	95,000	
EIB	13,800	▼ 100	-0.72%	1,430,330	+89,400	3.58	44,172,258	370,656,871	161,000	
HHS	22,200	▼ 600	-2.63%	1,944,660	+88,000	25.70	28,529,529	54,387,823	88,000	
A SHB	8,500	▼ 100	-1.16%	3,841,386	+83,800	18.43	163,366,285	265,973,864	83,800	221,200
QBS	11,600	0	+0.00%	402,540	+80,760	46.42	14,853,910	15,680,000	80,760	

2.3.4. New listings and information of interest

- List of new listings (3310)

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[3310] New Listed Stocks

HSX HNX UPCOM All

Listed Date	Stock	Name	Market	Current Price	+/-	% Change	Volume
29/07/2015	U GTC	GTC	UPCOM	3,500	0	+0.00%	0
29/07/2015	U ISH	ISH	UPCOM	11,300	0	+0.00%	0
29/07/2015	U NQB	NQB	UPCOM	10,000	0	+0.00%	0
29/07/2015	U PTM	Precision Tools	UPCOM	4,300	0	+0.00%	0
23/07/2015	A ACM		HNX	9,600	0	+0.00%	1,161,800
23/07/2015	A PCE	PCE	HNX	16,000	0	+0.00%	27,300
23/07/2015	U TOP	TOP	UPCOM	12,800	FL 2,200	-14.67%	100
21/07/2015	A PSW	South-W Petro V	HNX	13,500	▲ 500	+3.85%	100
20/07/2015	HNG	HNG	HSX	31,500	▼ 600	-1.87%	397,000
17/07/2015	A CTT	CTT	HNX	9,100	▼ 400	-4.21%	1,800
17/07/2015	A DP3	Central Pharmac	HNX	20,500	▲ 200	+0.99%	4,600
16/07/2015	BCG	BCG	HSX	17,800	▲ 700	+4.09%	1,462,170
14/07/2015	A SMN	SMN	HNX	10,000	0	+0.00%	0
23/06/2015	VAF	VAF	HSX	17,000	0	+0.00%	0
18/06/2015	U TVB	Tri Viet Securi	UPCOM	9,100	▼ 100	-1.09%	67,400
16/06/2015	AMD	AMD	HSX	12,900	▲ 100	+0.78%	933,480
12/06/2015	U ICN	ICN	UPCOM	10,900	▼ 1,600	-12.80%	10,000
12/06/2015	NT2	PetroVietnam Nh	HSX	24,500	▲ 300	+1.24%	2,835,160
11/06/2015	U HPD	HPD	UPCOM	13,000	▼ 400	-2.99%	7,000
10/06/2015	U DDV	DDV	UPCOM	11,000	▼ 600	-5.17%	240,900

- Information of interest (3320)

[3320] Rights Information

HCM Ho Chi Minh City Securities Corp 1

2

[Capital increase with consideration]

Base Date	Base Rate	Allocation Rate	Issue Price
24/08/2011	1.0	0.666666	10,000
Apply Period of Subscription	**Possible Period of Transfering**	**Effective Date**	
12/09/2011 ~ 12/10/2011	12/09/2011 ~ 03/10/2011	01/12/2011	

3

[Capital increase without consideration]

Base Date	Base Rate	Dividend Rate	Fraction Stock Price
29/10/2013	1.0	0.25	0
Fraction Payment Date	**Effective Date**		
00/00/0000	09/01/2014		

4

[Dividend]

Base Date	Base Rate	Allocation Rate (Stock)	Allocation Rate (Cash)
08/05/2015	1.0	0.0	0.16
Fraction Stock Price	**Fraction Payment Date**	**Cash Payment Date**	**Effective Date**
0	00/00/0000	27/05/2015	00/00/0000

Items	***Notes***
1	Information of securities symbol to be viewed
2	Information of issuing additional stocks
3	Information of bonus shares

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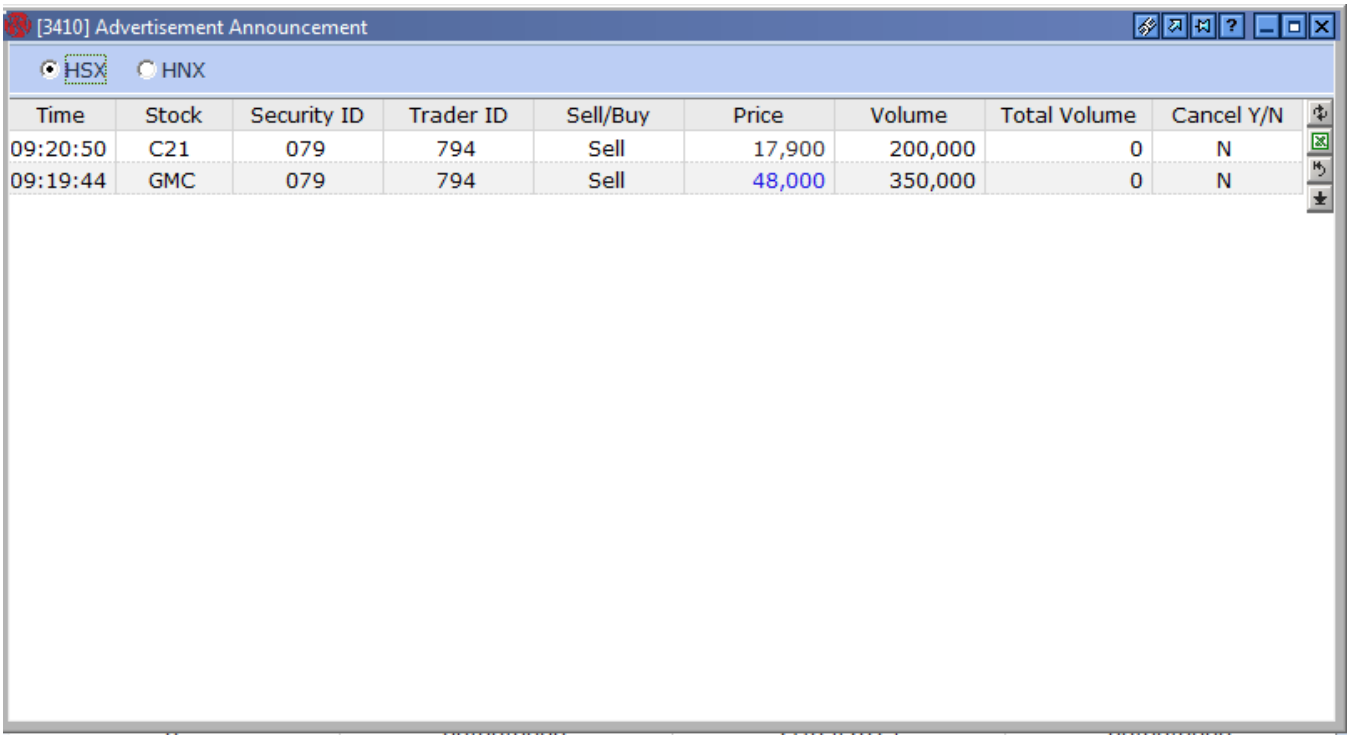
	Information of dividend
	Searching the securities symbol for reference
	Display up to 20 latest referred securities symbols
	Select to see the securities symbols in the interested portfolio or previous securities symbol
	Select for quick reference of the symbols in the interested portfolio selected as above
	Add quickly the viewing stock in interested portfolio.

2.3.5. Block trading

- Advertisement of put-through trading (3410)



Time	Stock	Security ID	Trader ID	Sell/Buy	Price	Volume	Total Volume	Cancel Y/N
09:20:50	C21	079	794	Sell	17,900	200,000	0	N
09:19:44	GMC	079	794	Sell	48,000	350,000	0	N

- Item of put-through trading order matching of HOSE (3420)

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[3420] Put-Through Deal Notice for HOSE

HSX HNX

Time	Stock	Confirm No.	Price	Volume	Total Volume	Cancel Y/N
14:35:25	DPR	17	33,000	80,000	80,000	N
14:28:36	HPG	16	35,500	87,000	87,000	N
14:04:03	REE	15	31,800	62,000	218,620	N
14:02:27	SJS	14	21,800	20,000	20,000	N
13:10:05	TCM	13	43,200	49,000	49,000	N
11:23:26	REE	12	31,800	156,620	156,620	N
11:11:25	VHG	11	8,700	22,000	22,000	N
10:46:58	VNM	10	129,000	50,000	50,000	N
10:27:05	KBC	9	16,200	20,000	20,000	N
09:51:56	DHG	8	82,000	20,000	40,000	N
09:51:03	DHG	7	82,000	20,000	20,000	N
09:41:01	MBB	6	17,100	25,680	365,414	N
09:40:02	MBB	5	17,100	339,734	339,734	N
09:33:25	BCG	4	16,700	50,000	95,000	N
09:29:40	BCG	3	16,700	45,000	45,000	N
09:06:52	PPI	2	7,700	20,000	20,000	N
09:03:11	KSH	1	7,700	22,000	22,000	N

2.3.6. Index

- Hourly index (3810): Viewing the indicators in real time

[3810] Time Zone Index

1 HSX 2 VN-INDEX

Index	625.93	-5.54	-0.88%	Open	632.00	Highest	634.64	Lowest	625.93
Number of stocks	309	In that	Increase: 72 (CE: 9)		Decrease: 122 (FL: 11)		Unchanged: 115		

3

Ses.1	632.00	+0.53	+0.08%	Ses.2	625.93	-5.54	-0.88%	Ses.3	0.00	0.00	+0.00%
Vol.	2,373,160	Val.	55,126	Vol.	102,907,604	Val.	1,940,205	Vol.	0	Val.	0

Time	Index	+/-	Volume	Value
14:35:51	625.93	-5.54	102,907,604	1,940,205
14:30:51	625.93	-5.54	102,827,604	1,937,565
14:29:51	626.24	-5.23	102,505,364	1,932,341
14:28:51	626.02	-5.45	101,727,904	1,913,223
14:27:51	626.21	-5.26	100,817,154	1,892,998
14:26:51	626.94	-4.53	100,407,864	1,883,172
14:25:51	626.71	-4.76	99,774,524	1,868,675
14:24:51	627.35	-4.12	99,232,044	1,855,968
14:23:51	627.54	-3.93	98,812,604	1,845,827
14:22:51	627.35	-4.12	98,181,214	1,832,166
14:21:51	627.87	-3.60	97,462,414	1,824,558
14:20:51	628.06	-3.41	96,882,824	1,816,730
14:19:51	628.18	-3.29	96,028,094	1,807,281
14:18:51	628.36	-3.11	94,237,294	1,796,544
14:17:51	628.31	-3.16	93,869,334	1,789,877
14:16:51	628.20	-3.27	93,509,964	1,783,442
14:15:51	627.85	-3.62	93,145,194	1,777,493
14:14:51	627.79	-3.68	92,750,544	1,771,133

Items	*Notes*
1	List of securities exchanges: checking the securities exchange for index reference

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2	Once securities exchange selected, here is a list of corresponding indexes of each securities exchange
3	Details of each checked index

- Index over the time (3820): as same as above but viewing over the time in past

[3820] Daily Index

HSX | VN-INDEX | Chart | 29/07/2015

Max 250 days	644.56	03/09/2014	Min 250 days	513.06	17/12/2014

Daily Index | Weekly Index | Monthly Index

Date	Index	+/-	% Change	Volume	Value	Open Price	High Price	Low Price
29/07/2015	624.70	-6.77	-1.07%	112,972,204	2,111,551	632.00	634.64	624.70
28/07/2015	631.47	-3.99	-0.63%	155,012,385	3,213,214	636.58	639.54	631.47
27/07/2015	635.46	+4.20	+0.67%	123,978,732	2,549,837	629.68	636.84	629.42
24/07/2015	631.26	-0.75	-0.12%	111,646,685	2,154,839	633.27	634.61	627.99
23/07/2015	632.01	+2.16	+0.34%	120,931,816	2,319,054	632.07	637.91	631.43
22/07/2015	629.85	+13.24	+2.15%	120,809,536	2,264,501	614.56	629.94	613.58
21/07/2015	616.61	-3.93	-0.63%	100,715,190	1,781,577	619.90	624.47	613.83
20/07/2015	620.54	-8.09	-1.29%	120,577,490	2,098,923	624.84	624.84	616.11
17/07/2015	628.63	+1.73	+0.28%	106,876,812	1,810,128	628.45	631.67	626.21
16/07/2015	626.90	-3.99	-0.63%	132,735,829	2,437,802	627.32	632.21	622.57
15/07/2015	630.89	-7.80	-1.22%	141,789,461	2,762,946	640.43	641.06	630.89
14/07/2015	638.69	+4.63	+0.73%	155,025,876	2,856,170	635.55	640.43	628.43
13/07/2015	634.06	+6.78	+1.08%	140,485,030	2,559,882	631.56	637.07	627.69
10/07/2015	627.28	+5.18	+0.83%	216,869,471	3,475,334	627.56	630.79	624.70
09/07/2015	622.10	-1.07	-0.17%	148,192,176	2,839,082	616.20	626.38	613.34
08/07/2015	623.17	-7.10	-1.13%	191,326,801	3,466,971	630.40	634.13	617.29
07/07/2015	630.27	+5.05	+0.81%	175,372,826	3,106,953	623.89	633.73	620.59
06/07/2015	625.22	+8.79	+1.43%	179,746,153	3,108,690	618.75	625.34	618.65
03/07/2015	616.43	+10.73	+1.77%	164,545,634	2,669,081	608.82	617.96	608.82
02/07/2015	605.70	+14.20	+2.40%	136,673,256	2,248,927	591.50	605.70	590.52

- Industry index (3830): the index by the various industries

[3830] Industry Index

Industry | Oil & Gas [4]

Index	250.01	-0.16	-0.06%	Open	253.19	Highest	253.32	Lowest	249.36
Number of stocks	4	In that	Increase: 1 (CE: 0)	Decrease: 3 (FL: 0)	Unchanged: 0				

Industry Name	Index	% Change
Oil & Gas	250.01	-0.06%
Basic Materials	1,479.1	-0.39%
Industrials	880.41	+0.31%
Consumer Goods	2,034.5	-0.22%
Health Care	89.46	-0.56%
Consumer Service	136.17	+0.45%
Telecommunicatio	0.00	+0.00%
Utilities	291.25	+0.78%
Financials	2,265.3	-1.16%
Technology	141.11	+1.04%

Stock	Current Price	+/-	% Change	Volume	Average Price	Open Price	High Price	Low Price
A PVC	22,900	▼ 100	-0.43%	574,620	23,129	23,000	23,500	22,900
PVD	44,100	▼ 200	-0.45%	727,150	44,200	44,000	44,500	44,000
A PVG	10,000	▼ 100	-0.99%	91,600	10,015	10,000	10,100	9,900
A PVS	25,200	▲ 400	+1.61%	725,994	25,317	25,900	26,000	25,000

- Hourly industry index (3840)

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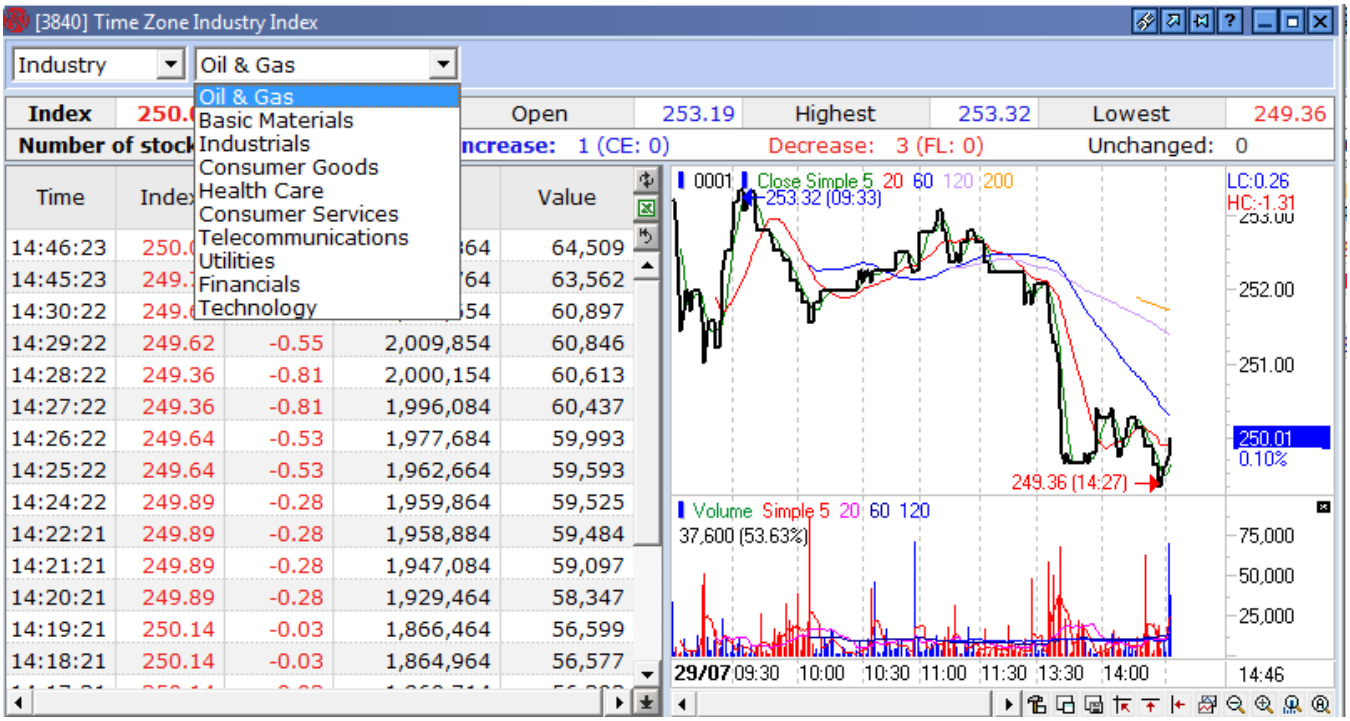
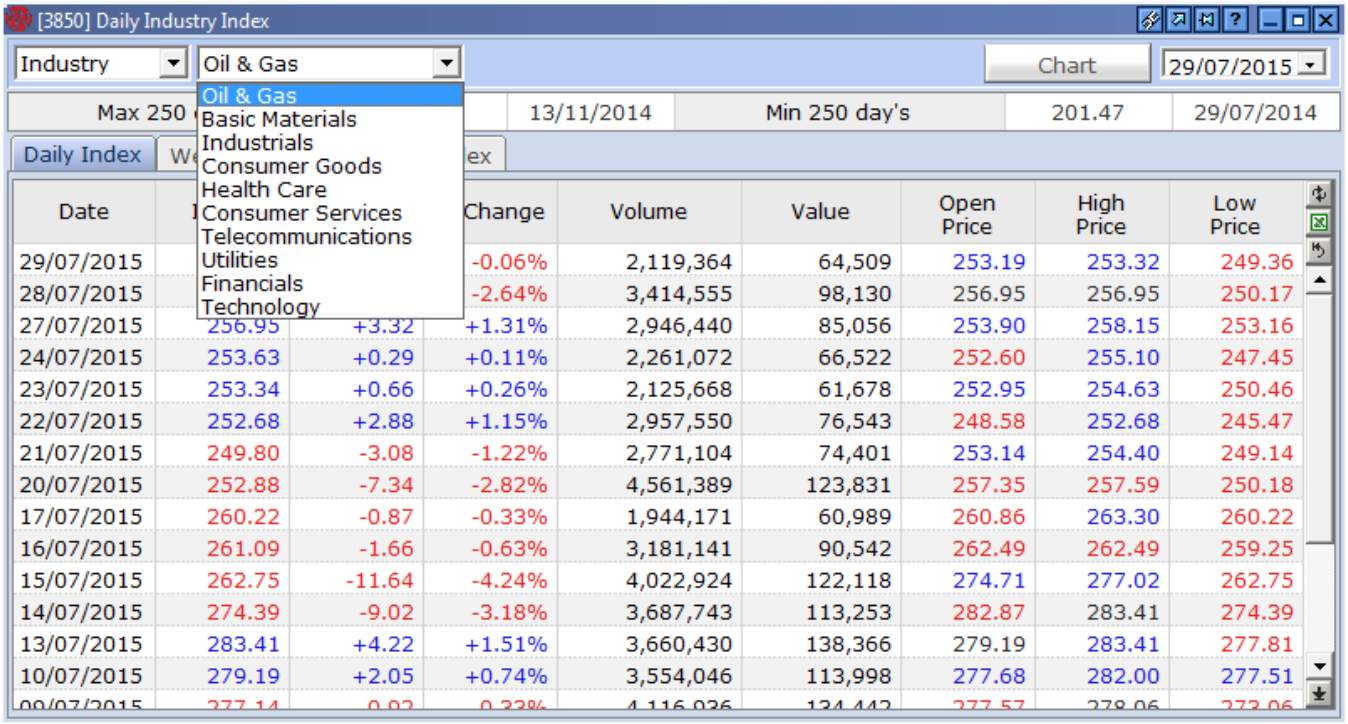


- Industry index over the time (3850)



2.4. Technical analysis

2.4.1. Summary chart (4001): Market fluctuations in each period for tick/month/week/day and securities portfolio illustrated chartically could be searched. The specific portfolio could be analyzed and the ability to install separately various skills of portfolio analysis could be improved. You can directly draw your own charts.

- Just in a click, you can delete, overwrite, move, change and add technical index, indicator for each category and the chart forms

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- The function for users to design their own chart analysis: It is able to install each item on analytical tools, strategies and indicators for each type and forms of the chart are separated and installed separately in appropriate to the purpose of each respective function. The users can draw charts to identify trends, technical indicators, trading strategies for their own.
- Multi-analysis function: It is able to lookup and add at the same time many portfolios in a chart screen. It is able to lookup at the same time many different periods (day/week/month/tick) at a chart screen. : It is able to change the cycle and change the desired portfolio at the status of adding many portfolios
- Many tools for drawing chart: It make diversely the tools to analyze each type and tools for value lookup to analyze charts. The toolbar (right) is set for free data and can be customized as desired toolbar of users.

Items	*Notes*
1	Main toolbar
2	Left Menu bar. In case you select the left menu bar in the display button of main toolbar on top, it is a menu that appears on the left of the chart window. This menu window is composed of an interested portfolio, bullish/bearish, search signal, technical indicators and chart patterns. You can apply at the chart by drag and drop or double click on the corresponding item
3	Chart area:

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01	Portfolio name/Name of display settings: - Display in the upper left area of the price chart of the notes of portfolio name/ indicator name /specifications/strategy trading system/signal search/bullish/bearish. - Display as an arrow by the search signal system and strategy trading system.
02	Display bullish/bearish rate: Display at the Y-axis of the price chart the highest rate of bullish/bearish price in comparison with the lowest price, the lowest rate of bullish/bearish price in comparison with close price, the highest rate of bullish/bearish price in comparison with the close price. (Display in case of settings of price chart)
03	Display bullish/bearish rate of close price and reference price: Display at the Y-axis of the price chart the bullish/bearish rate of close price and reference price
04	Display the lowest/highest price, reduced dividends and reduced interest: Display the highest price/lowest price in price chart area. - The highest/lowest price represented on the chart means the lowest/highest price of searching data (Display in case of settings of price chart)
Display as pivot	Price chart or indicators to click on the screen at the intersection

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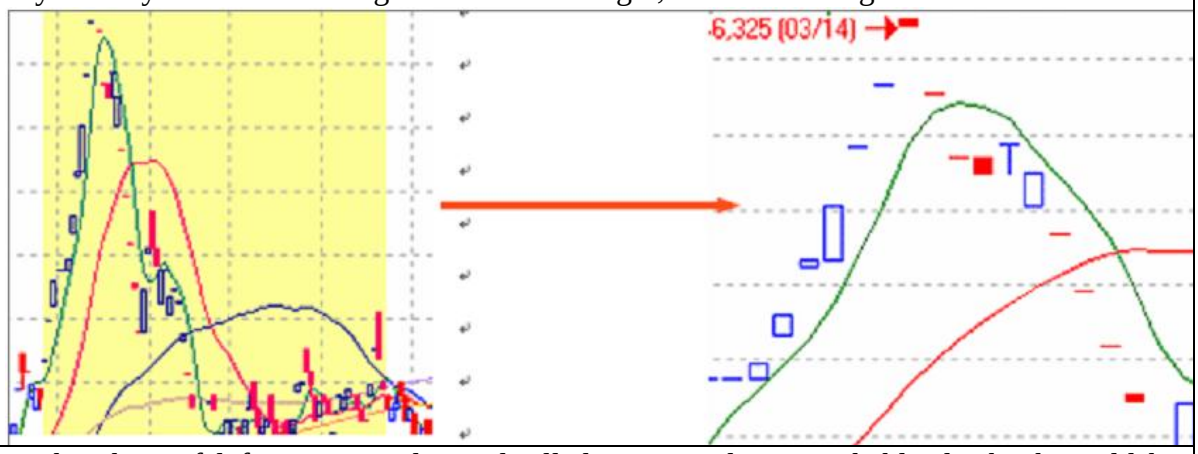
Zoom in/zoom out using the mouse	If you use your mouse to drag the chart to the right, it will be enlarged 
View all data	In the chart, if left mouse is dragged, all data entered in searchable databank could be viewed in main toolbar on top of window
Back view	In the chart, if left mouse is clicked, it will be back continuously to previous status
Back to previous	If you click in the chart but do not intend to change it then drag a bit without changing chart
Use right mouse	(1) Menu to set and right-click on the notes and lists: Right-click, price chart and indicators (search signal/bullish/bearish) can be set in pivot chart and name of increased/decreased/search signal/indicators/price charts. In that position, if it is a price chart, then the menu of setting chart form will be displayed, if it is the indicators of chart (search signal/increase/reduce) then the menu will delete the indicators and indicator settings will be displayed.

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	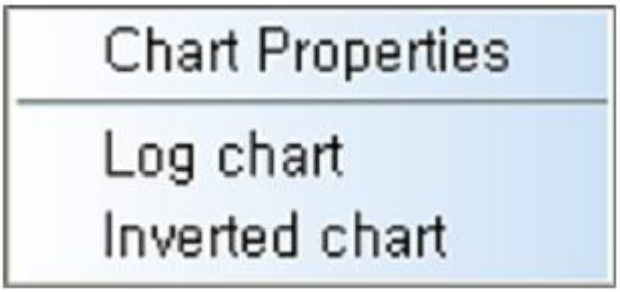 (2) Menu of right click in the chart area: it is menu of right click in outside the chart or the notes in the chart area

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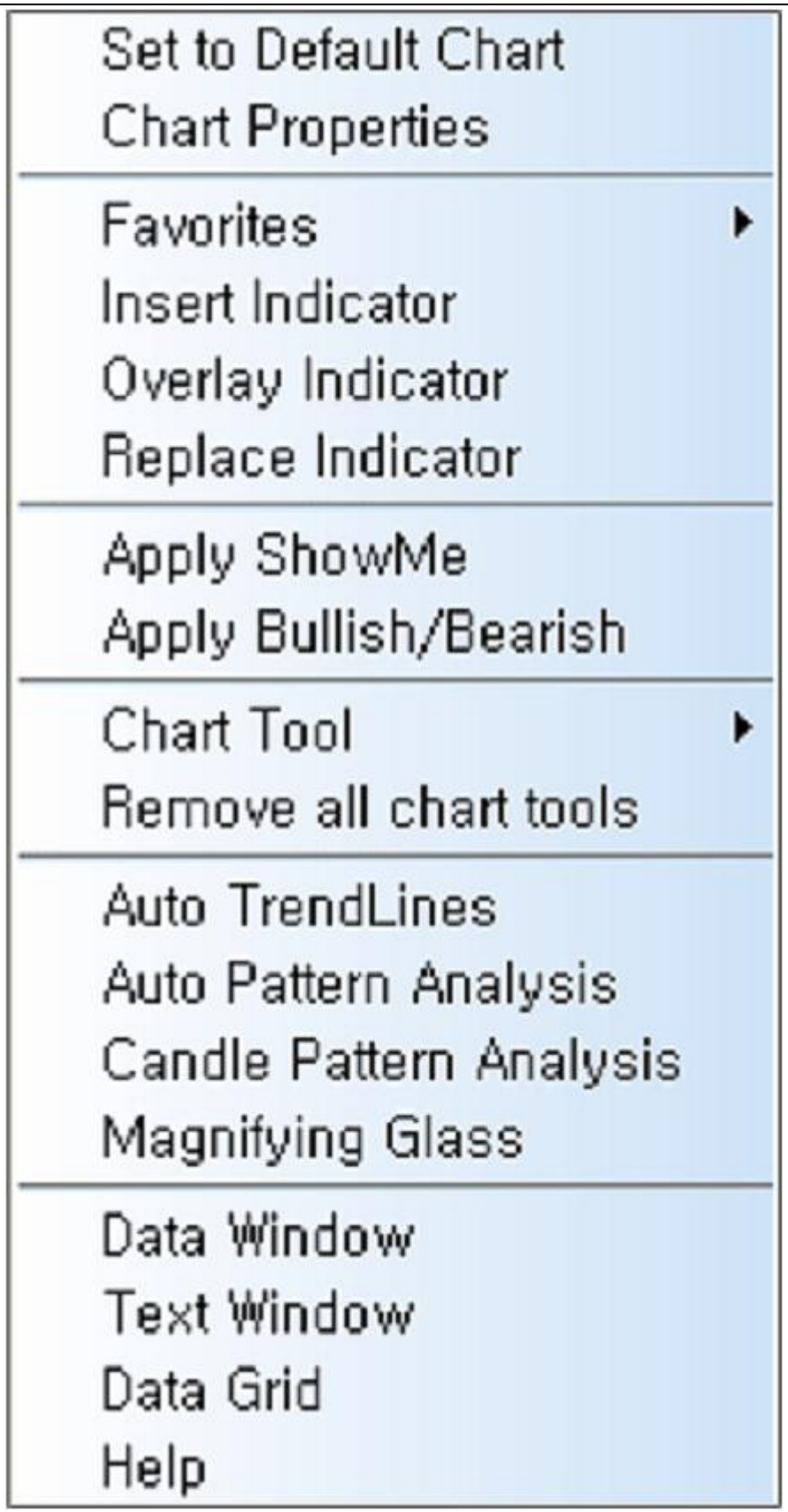

(a) Set to Default Chart: candlestick, 5 types of chart of medium average price fluctuation, and 3 types of chart of volume movement
(b) Chart Properties: It is menu for setting all chart properties

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(c) Insert indicator: Once selecting "Insert indicator", the list box of "Insert indicator" will appear a list, if the users insert indicators here, then they will be added to the bottom of window

(d) Overlay indicator: Once selecting this menu for special indicator displayed in the window then the list box of indicators will be displayed and the users will select the indicators here, the respective indicator will be overridden by a newly selected indicator.

(e) Replace indicator: The window of "Replace indicator" replaces and add the indicators displayed as popup, the users will select replaced indicators in the list. The indicators of chart will be replaced.

(f) Apply ShowMe: This window of "Apply ShowMe" will be displayed as a popup, when the users select signal search in the list, signal search will be displayed in the chart.

(g) Apply Bullish/Bearish: The window for replacement and adding bullish/bearish will be displayed as a popup, when the user select bullish/bearish in the list, bullish/bearish will appear in the chart.

(h) Chart Tool: Chart analysis tool could be selected (trends etc ...)

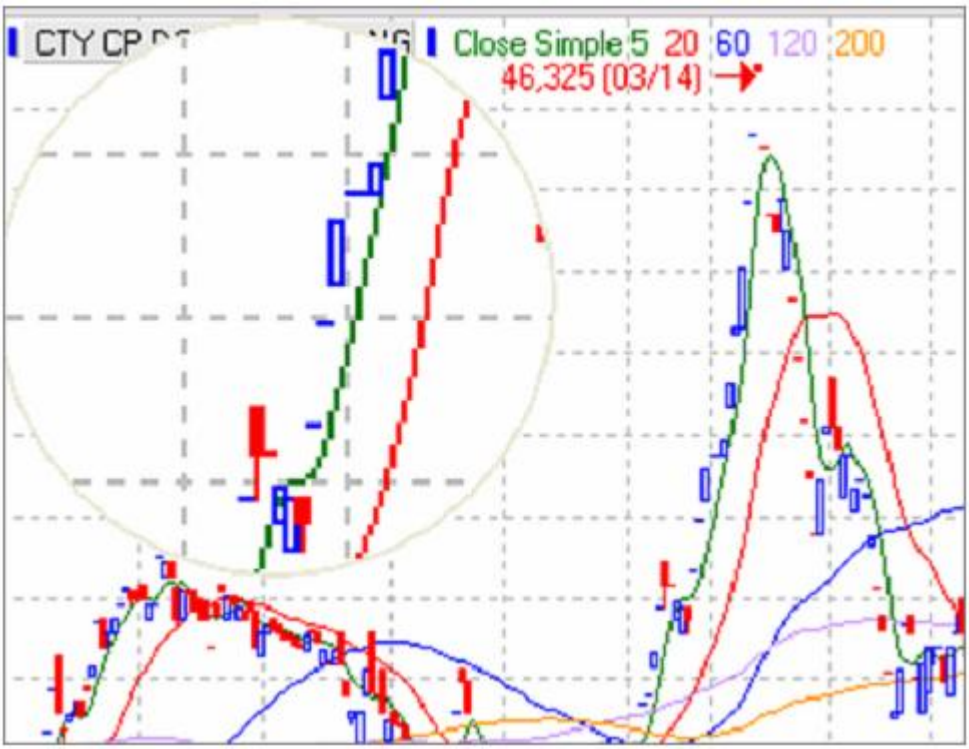
(j) Remove all chart tools: Delete all additional chart tools

(k) Auto TrendLines: When the user selects, the trend lines will be displayed automatically in chart area.

(l) Auto Pattern Analysis: When the user selects, Auto Pattern will be displayed automatically in chart area.

(m) Candle Pattern Analysis: When the user selects, Candle Pattern will be displayed automatically in chart area.

(n) Magnifying Glass: When the user selects, Magnifying Glass will be displayed. Area with
click will be magnified to see



(o) Data Window will be displayed as an pop-up, current data of window will be changed according to the movement of mouse click on the window. This function is similar to the function of key of data window of value toolbar at the bottom of window.

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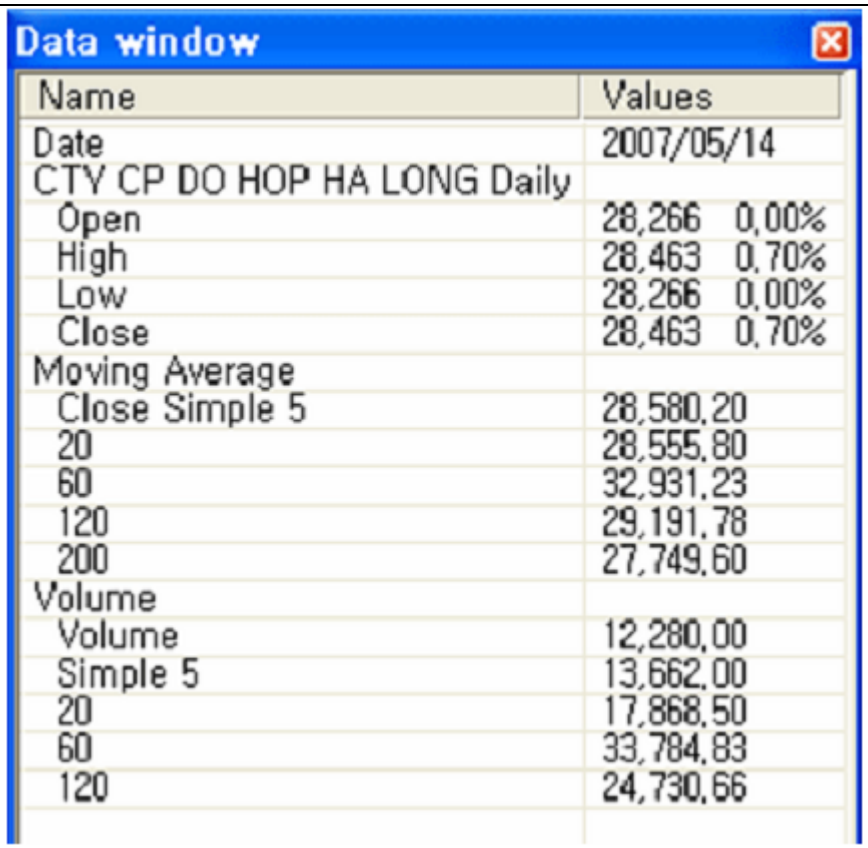

Data window

Name	Values
Date	2007/05/14
CTY CP DO HOP HA LONG Daily	
Open	28,266 0,00%
High	28,463 0,70%
Low	28,266 0,00%
Close	28,463 0,70%
Moving Average	
Close Simple 5	28,580,20
20	28,555,80
60	32,931,23
120	29,191,78
200	27,749,60
Volume	
Volume	12,280,00
Simple 5	13,662,00
20	17,868,50
60	33,784,83
120	24,730,66

(p) Text Window will be displayed as a pop-up to show all value data of the chart. The user could save it as excel work book.
(q) Data Grid: It makes grids in chart area at the bottom of window, value will be changed by movement of mouse click on the window. The user could select the item and save it as excel work book. This function is similar to the function of key of data window of value toolbar at the bottom of window.

Date: 2007/03/06 O:34,351 H:34,842 L:34,351 C:34,842 V:86,710 Close Simple 5:33,978,20 20:29,450,40 60:26,222,90 120:27,4

Date	Open	High	Low	Close	Close Si...	20	60
2007/03/06	34,351	34,842	34,351	34,842	33,978,20	29,450,40	26,222,90
2007/03/05	34,351	34,351	34,351	34,351	33,179,00	28,975,90	26,084,00
2007/03/02	34,351	34,351	34,351	34,351	32,188,80	28,487,35	25,961,32
2007/02/28	32,977	33,959	32,977	33,959	31,256,40	27,994,00	25,840,25
2007/02/27	32,388	32,388	32,388	32,388	30,441,00	27,476,65	25,736,95

	Enable to create the window for setting chart properties
	In clicking the button of "Data View". It will be displayed as a pop-up, data will be changed by the movement of mouse click on the window.
	Data Grid: It makes grids in chart area at the bottom of window, value will be changed by movement of mouse click on the window. The user could select the item and save it as excel work book.
	The users could search the value in the window
	In the window of indicators/portfolio, the sub-application is usually displayed as a chessboard, horizontal lines and perpendicular lines. Chart of basic sub-application of 3 and 4 types will be arranged in the shape of crossroads and chessboard, respectively.
	If it is selected by the user, the tool will help to magnify the displays. The mouse clicked area will be magnified.
	This function is used to view all data. If it is checked again

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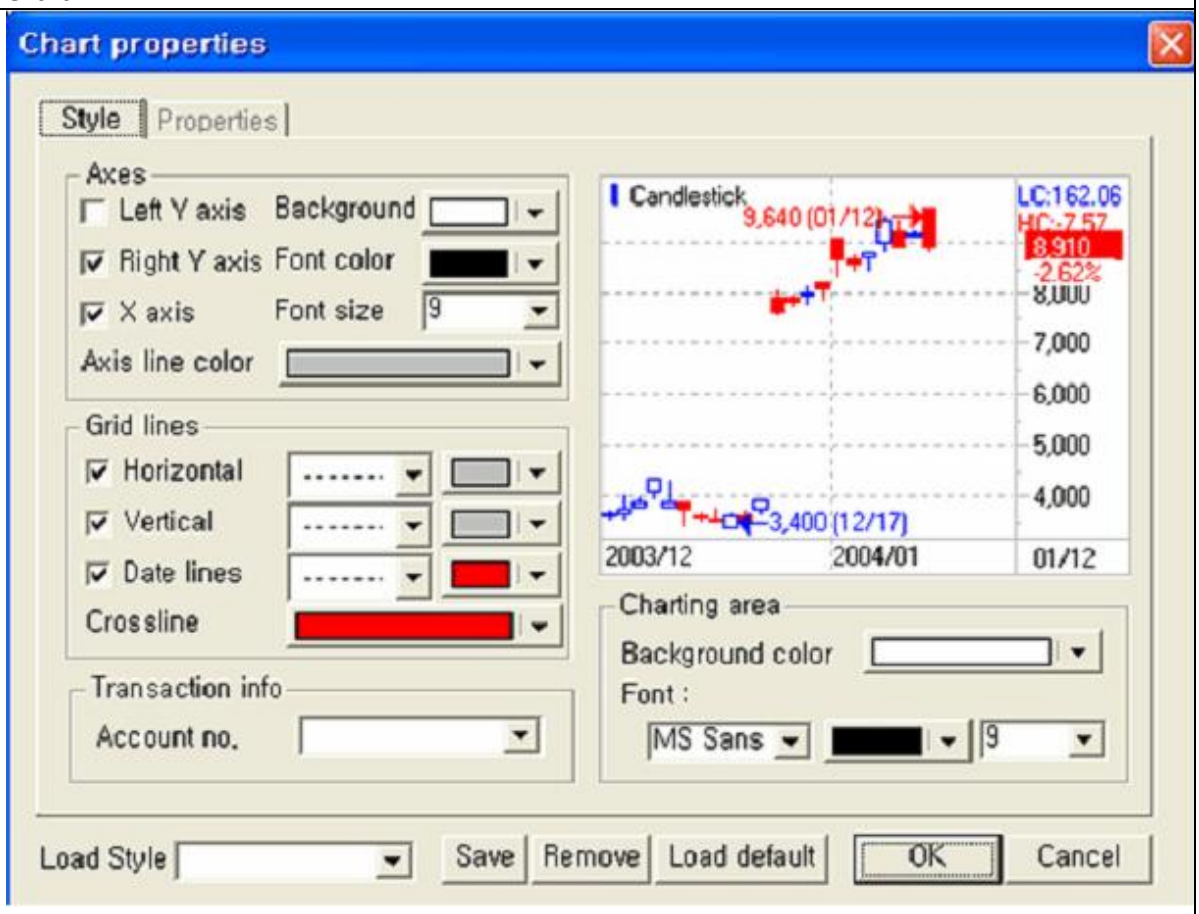
	Searching the securities symbols for reference
	Display up to 20 latest referred securities symbols
	Select to see the securities symbols in the interested portfolio or previous securities symbol
	Select for quick reference of the symbols in the interested portfolio selected as above
	Add quickly the viewing stock in interested portfolio.
	Hide/Show the left menu
ADD CHG	The key for replace/add the portfolio: It is used for replace or analysis of a list added to the chart. In adding the list, if the button of [CHG] is clicked, the key will be changed to [ADD]. In status of [ADD], if it is selected, the list and chart will be added
D W M T 1 5 10 30 314	Data cycles and number of lookup: If the options of day, week, month, tick are selected and the number of desired items is entered, you could search within the entered conditions
	Save chart properties: You can save the chart properties which have been set. The form of chart and technical indicators which are regularly saved by the user could be retrieved if needed.
	Lookup the symbols respectively in the corresponding list
Setting	The window of chart properties will be displayed as a pop-up. You can set the properties of chart
	 If [Alarm] is checked, you will set the following signal conditions via pop ups. In case the current price of the day matches the signal conditions set by the user, then this function will generate and notify the user by display an alarm message. If line alarm is checked, then line alarm of the corresponding data in the table of chart will be displayed. Signal conditions, in addition of day price, previous day's price, there is the number (value)

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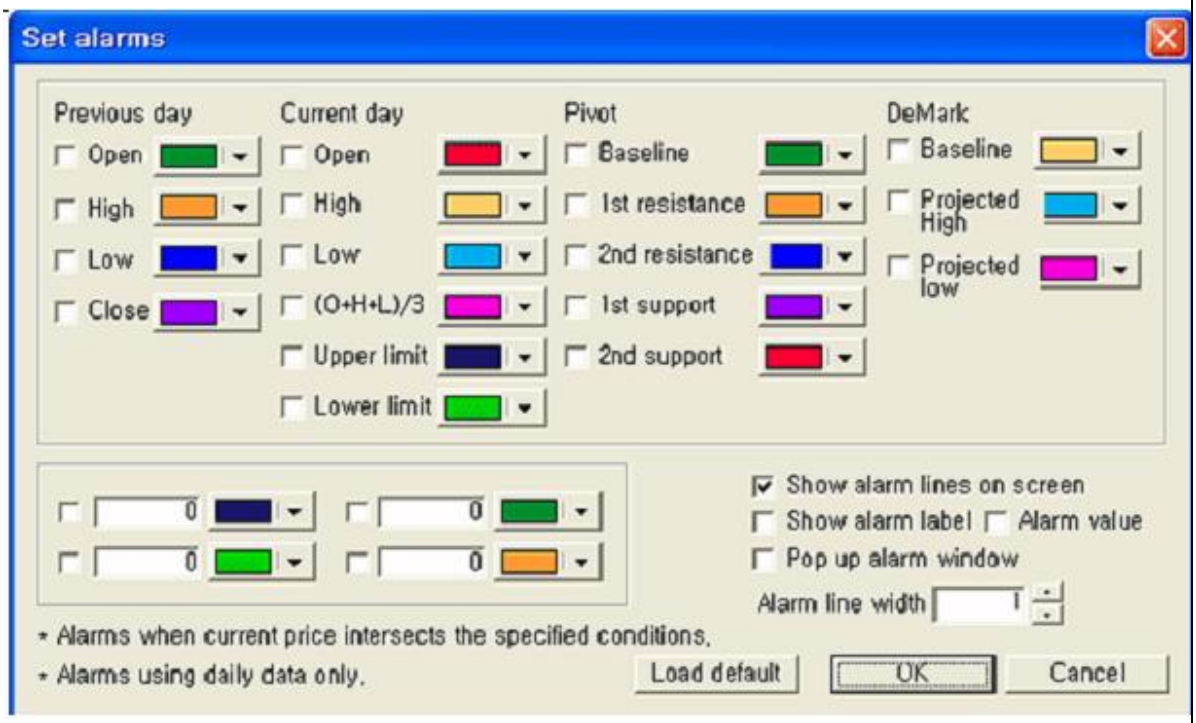
	entered into Pivot, Demark by the user. 
Show	Setting show: Perform the function of show/hide the window of bid price. Right toolbar, left menu bar is used to expand the analysis area of chart
	Search window. You enter the looking technical indicators into the search window. For example, you want to search MACD, please enter MACD in search window. When done, you press enter or click the search button. When the indicators relating to MACS are found, if you continue to press enter or the search button, then the corresponding indicators will be searched in order. Drag and drop in the chart or double-click on the chart you want to change at the item of chart type for the value of chart to be changed
Candlestick	Candlestick chart: A Japanese-style chart represents the closing price, high price, low price, opening price by a candlestick chart. Candlesticks are composed by market price and the closing price, candle tails are constructed by high price and low price. If closing price of current day is higher than the market price then the candle is blue. In addition such two default colors, other colors could be set to demonstrate bullish/bearish in comparison close price of previous day with current opening price.
Bar OHLC Bar HLC	Wave chart: The US-style chart shows closing price, high price, low price, opening price by a wave chart. Wave peaks and troughs show the highest price and lowest price, respectively. The market price is displayed in small tributaries to the right side of wave, the closing price is displayed in the small tributaries to the right side of wave. In addition, additional colors indicating bullish/bearish in comparison with current opening date could be set
Line on close	Line on close: It is the name of simple line display closing price. The users can change the color, density and width of line by themselves
Volume at price	Volume at price: A chart used to analyze sales status by wave chart display the percentage the trading volume in each price. The chart analyze the sale with the indicators called as (the price) but other than the price chart and mentioned above but the indicators will help to create the volume by the value of price indicator.
Point & Figure	Point & Figure chart: P & F chart is used in analyzing bullish/bearish-based trends of price chart which is slightly far away time conception. When price is higher or lower than base

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	price, then the X and O column will be red and blue, respectively. Take the time as concept, only O-line is changed in the X column, then a line could be moved. Because P & F chart with the indicators (line extension and line switch) so that the users can create the desired chart by themselves
Three line break	Three line break: Three line break has the same concept line with P & F chart, when stock price is fluctuated on the line switch indicators, then the line will be green or red. When stock prices bullish, then bold red color will be displayed, when stock prices bearish, green color will be displayed. The indicator will be changed to line switch indicator.
Swing Kagi Renko	Swing, Kagi and Renko chart
Counter-clockwise	Counter-clockwise: Counter-clockwise is the price chart showing the relationship between price and trading volume, X-axis is trading volume, Y-axis represents the stock price, the indicator (average fluctuation) is the average of trading volume and stock price by the number of day. The values shown on the chart in counter-clockwise. The indicators could be changed by the average fluctuations. Typically, the average line is of 20 or 25 days.
Candle volume	Candle volume chart
Equivolume	Equivolume chart: It is often under the concept of trading volume as same as candlestick chart, the width of the candle is expressed by the percentage of holding all trading volume of corresponding candle. Accordingly, in the corresponding candlestick chart, the more trading volume, the more width it is. Similar to the candlestick chart, color setting represents bullish/bearish.
Flow Scatter Rainbow	Flow, Scatter and Rainbow chart
Technical Indicators	Generating the indicators: - The basic (8 classes) and mark (bookmark) indicator as per the user's indicator could be generated. - Bookmark is used once the user selects the indicators and use it usually. - The user's indicators prepared by the users and revised by the administrator. The saved indicators will be displayed in the list of user indicators.
Adding technical indicator : Double click (For example: adding MACD)	Double click on MACD in the menu of "Technical indicators", then it is added to the chart, if it is double-clicked again, then the indicator of MACD will be duplicated consecutively

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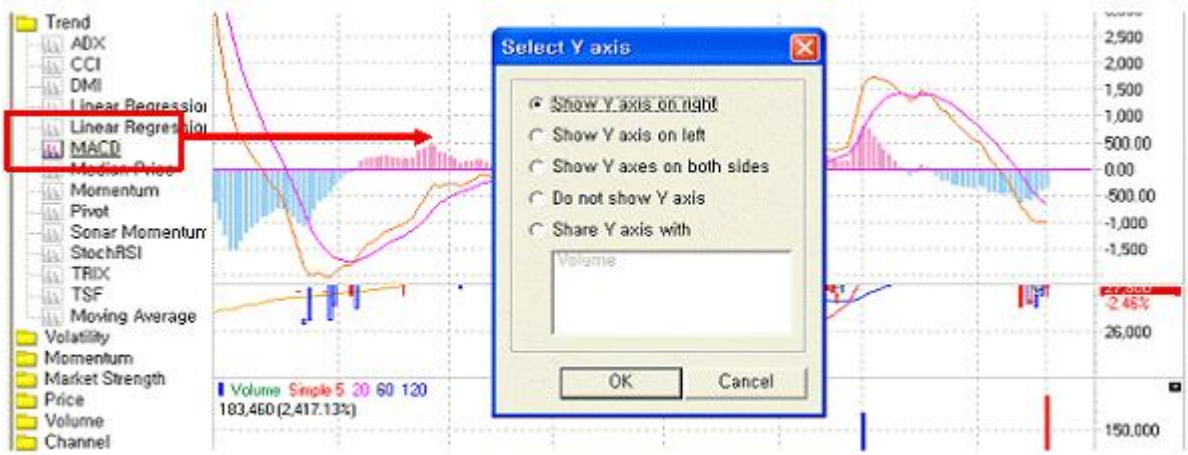
Insert technical indicator: Drag and drop in to the margin	- Drag the indicator to be inserted and drop it in the margin of chart - Then, at the site of drop, the selected indicator will be added in the chart
Drag and drop the chart (usually subroutine) as desired	After selecting MACD, drag and drop it to the chart area and insert and overwrite. Select show method of Y axis. MACD is inserted in the chart (usually subroutine).  Show Y axis - Show Y axis on right: Show dragging indicator rulers of Y axis on right

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	- Show Y axis on left: Show dragging indicator rulers of Y axis on left - Show Y axes on both sides: Show dragging indicator rulers of Y axes on left and right. - Do not show Y axis: Not to show dragging indicator rulers - Share Y axis with: Stock price of previous existing portfolio matched uniformly to the indicator rulers.
Moving the specifications	When moving the specifications added previously, use the mouse as same as in insert and overwrite, drag and drop into the field you want
Delete technical indicator	 (1) Drag the name of indicator and the name list, move them outside the chart, when mouse arrow transformed into the trash-bin, then they are erasable. However, the chart of basic price is indelible. (2) Press the X button at the top right of the screen to delete. (3) Drag the chart axis to subroutine you want to delete, move it out of the chart, when mouse arrow transformed into the trash-bin, you can release the mouse to delete it. (4) Click on the indicator name and the name of the list you want to delete, after selected, they can also be removed by pressing the delete key on the keyboard.
Technical indicators are usually	The users can create personal bookmark items, remove from or add in the bookmarks frequently used specifications (1) Add bookmarks

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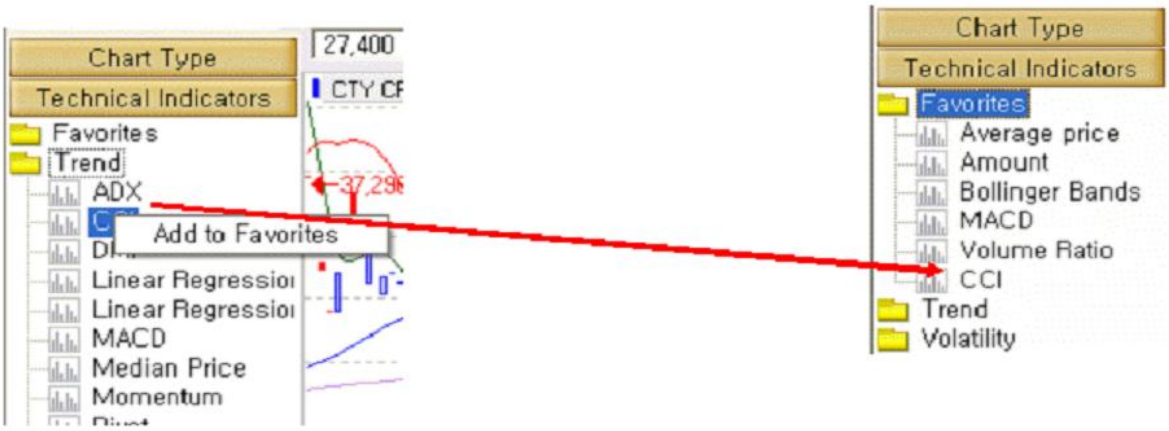
removed from or added in bookmark by the users	- After pointing the mouse on the position you want to add in the bookmark, the items will be displayed in right click (add bookmark) - Click in (Add bookmark) to add the equivalent indicator in bookmark folder  (2) Delete bookmarks - After pointing the mouse on the position of bookmark you want to delete, the items will be displayed in right click (Delete bookmark) - Click in (Delete bookmark) to delete the equivalent indicator in bookmark folder
4	Right toolbar: Analysis toolbar is divided into toolbar 1 and toolbar 2, the user can edit them to use. In clicking in the corresponding key, its name will be lookup in the form of rainbow chart. Right toolbar is divided into the bar which the keys of "analytical tools" are arranged and the key of "main functions and chart settings ", the user can edit them to use. In clicking in the corresponding key, its name will be lookup in the form of rainbow chart.
	Switching toolbar
	Editing toolbar. The default settings include the number of trading, average price movements of 5 format and the price chart
	Go back to the basic chart
	Setting chart properties
	Setting chart type
	Select the desired indicators in the indicator's window, the indicators will be added in chart at the bottom of window
	Hide the indicator's name
	Show indicator name only
	Show indicator value only
	Show indicator name and value
	Hide horizontal/vertical lines
	Show horizontal line
	Show vertical line
	Show horizontal/vertical lines

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	Setting alarm
	Show downward line
	Data Grid line
	Text window
	Data window
	Auto trend line: In clicking the key, through waveform change of stock price, trends of stock price will be distinguished automatically and trend line will be drawn automatically, too
	Automatic pattern analysis
	Candlestick pattern. All candlestick patterns will be shown by arrow. Clicking arrow, the name and date of such pattern will appear in rainbow. If double-click the arrow, the window of candlestick pattern will be transformed into notes and mini chart will be displayed as a pop-up
	The users can view the list of indicators of saved bookmarks, when the corresponding items are selected, the indicators will be added in the chart
	Cancel trend lines: When the trend line is selected, click mouse will change it to pencil, the selecting unable for trend line structure and reuse it when the mouse is changed to the mode of zoom in/zoom out. By this function, right click the mouse in the mode of pencil-shaped trend line structure, the mouse will be change the zoom in/zoom out mode.
	Cross trend line. After creating a straight trend line, double click to the newly created line, such trend lines will be zoomed in/out, colored or lined.
	Horizontal trend line
	Vertical trend line
	Skyway trend line
	Round and square: adding round or square in part to be emphasized. It is used for the stock price volatility in a certain range or for adding the square in part to be emphasized.
	Pencil
	Use for adding text
	When pressing icon of insertion, can add icons and text in various shapes
	Fibonacci
	Fibonacci curve: Drag the point where the user selects (high point and low point) and drop it in desired point (high point and low point), the curved trend line will be created. Through the position of the stock price (resistance/maintain/pass) and the curve at right of center line, the trends could be able to be analyzed.
	Fibonacci angles: Drag the point the user selects (high point and low point) and drop it at the desired point (high point and low point) to create a 3-angle Fibonacci angle line. In boundary along this line, a line is created in proportion of 23.6, 38.2, 50, 61.8, the just created line and the stock price (resistance/maintain/pass) will be a basis for analyzing trends

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	Fibonacci time
	Fibonacci valuation: Drag the point the user selects (high point and low point) and drop it at the desired point (high point and low point) to create a zone line. It is used for calculating Fibonacci target price. In comparison with the increase (decrease) width of 23.6%, 38.2%, 50% and 61.8%, the corresponding valuation width could be found.
	Fibonacci valuation
	Three/four-section lines. Select the arrow next to the key, the you can select 3 or 4-section lines
	Straight regression line/ regression channel. Regression line: If linking the highest point and lowest point of price on the chart, then parallel line in the link will appear. This parallel acts as the trend of the selected area. Regression channel: If linking the highest point and lowest point of price on the chart, in link, 3 parallel lines channel will appear. Such parallel lines mean as the trend line of resistance at the top of the window, trend line at the bottom of the window and the trend line of pass at center.
	This is the function to count the number of candles in the chart, the user selects an area of certain price chart, bullish/bearish rate and the number of basic candle to be displayed.
	Eliot wavy line. This function helps to create automatically an Eliot wavy line in market price chart. This waveform line could be set all by double clicking.
	Delete each trend line
	Press the button to delete all trend lines created

2.4.2. Daily chart (4010): as same as Summary chart
2.4.3. Weekly chart (4011): as same as Summary chart
2.4.4. Monthly chart (4012) as same as Summary chart
2.4.5. Joint chart (4013) as same as Summary chart
2.4.6. Technical chart over time (4020): This is the window to lookup at same time the tick and candle charts by day, week and month of a securities symbol
On the chart window (4001), it is also capable of searching by the types of time but with this window, you will recognize its utility while simultaneously searching just with 1 click

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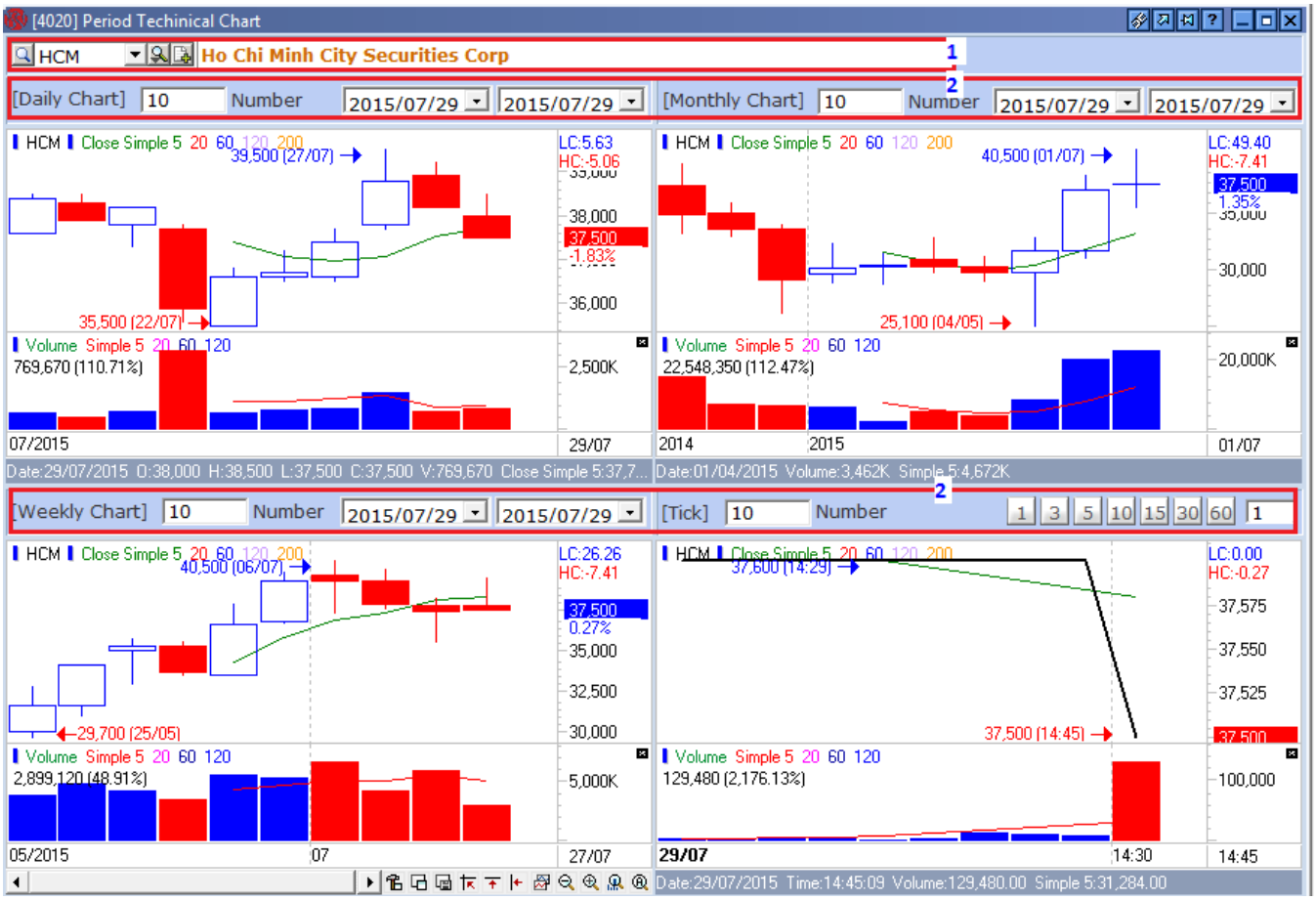

Items	*Notes*
1	Stock name: You can lookup many charts simultaneously as tick charts, daily/monthly/weekly candlestick charts if you click on the above securities name.
2	Setting details by cycles: You can look up the charts after setting the details such as date and the number of search.

2.4.7. Chart for comparing price (4021): This is the window for you to look up at the same time 4 securities types

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Items	*Notes*
1	Save group: If you set up the group in Combo Boxes on the left and click on the button on the right, then data will be kept in groups. You can look up 4 groups of 10 groups in total.
2	Setting stock information: Enter the stock name, select the tick/month/week/day, the number of time and after lookup the chart if you click on Save button at the right, then 4 set in the corresponding group will be saved.

2.4.8. Bullish/bearish line (4022): This is a window to lookup bullish/bearish of the stock you want to lookup. It is also used in understanding the bullish/bearish trends of all the indices

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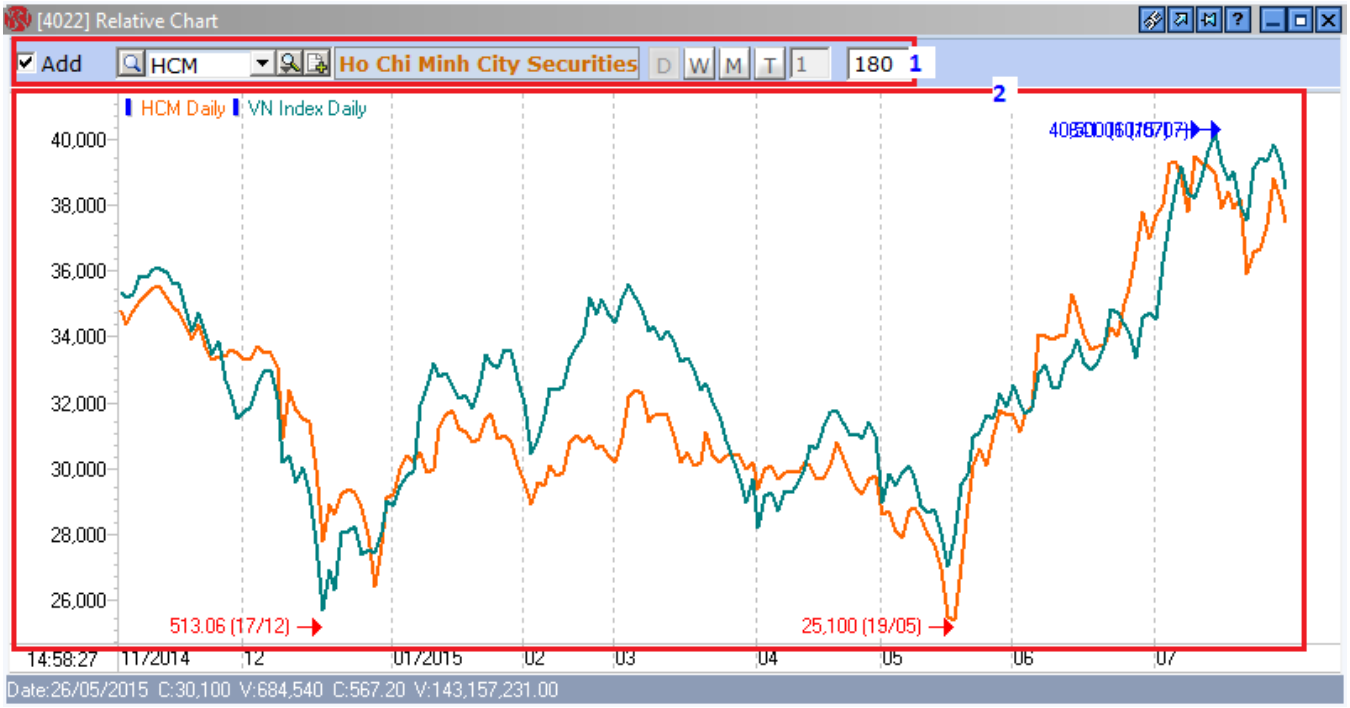

Items	*Notes*
1	When you select the securities you want to lookup in box of selecting stocks on the left you may decide to add or change on the window chart or not.
2	Securities and HSX index is represented in chart

2.5. Orders

2.5.1. Order Purchase (5010): This window used for securities trading for the HSX, HNX and UPCOM. It is included the orders such as Normal orders, Advance orders, Advance pledge orders or Selling orders of pledged securities, Split order, HNX Odd selling orders. The left of the window is used to place orders. Market news and matched price are on the right. The below item shows buyable volume and order matching status. Information of Interest could be checked by clicking on "Quyền" button at the upper right of the window.

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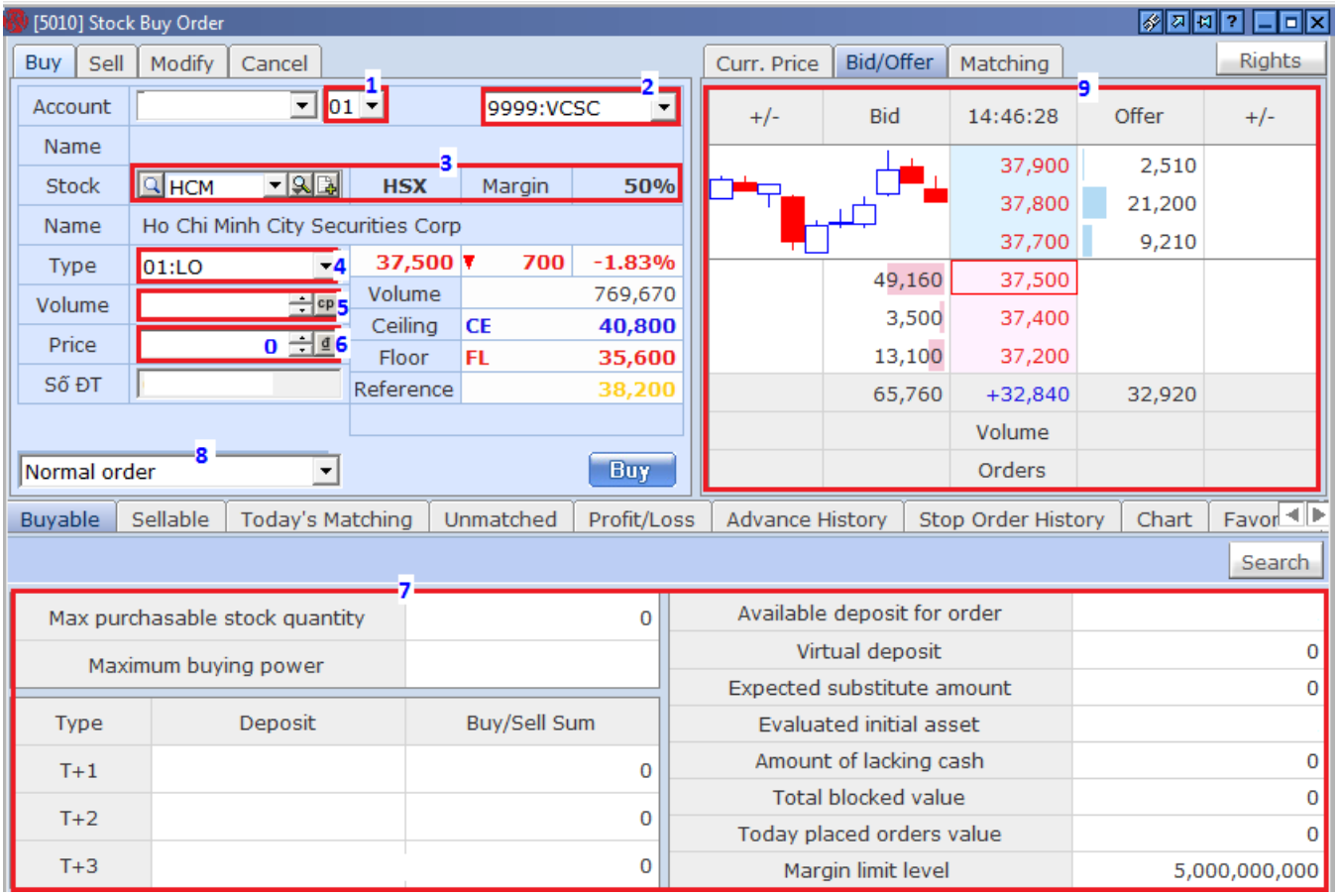

Items	*Notes*
1	Sub-account. Each customer account can have many different sub-account.
2	Bank. Customer account can link to both BIDV and VCB or VCSC. They can choose corresponding bank for buying/selling
3	Information of securities symbols to buy/sell, securities exchange and permitted loan rate
4	Type of corresponding orders of each securities exchange. Details of customer can be found in trading instruction
5	Bought/sold volume - The shares of HSX: Lot of 10. If volume is of 20,000 or more, the system will automatically split into many small orders. Each order has volume which is set in cp - The shares of HNX/UPCOM: Lot of 100. In addition, in HNX, the customer can trade odd lots (<100) directly through this window. Note, odd-lot orders only match reciprocal the odd lots, not the round lots.
	Increase/decrease volume or price corresponding to 10 units
cp	Quick setup, or quick enter the amount or order to automatically calculate the volume or set the volume of order split

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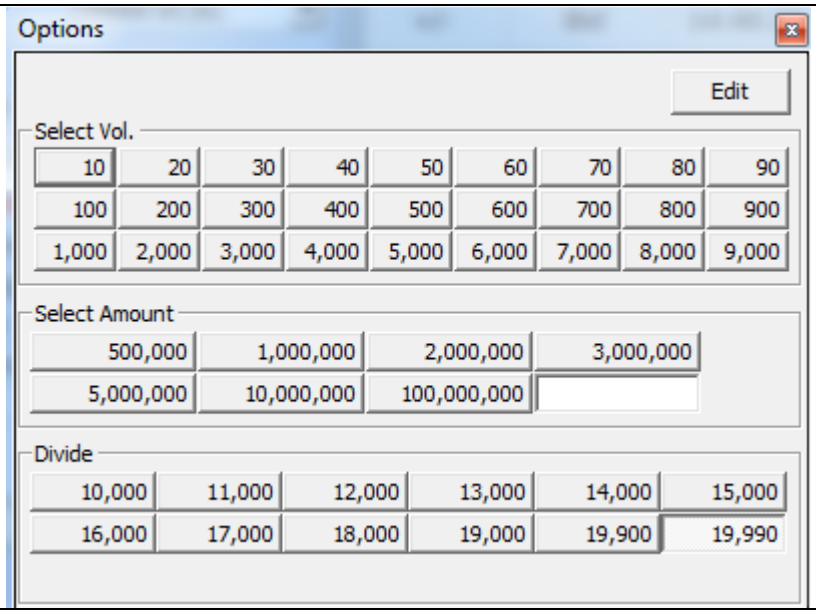
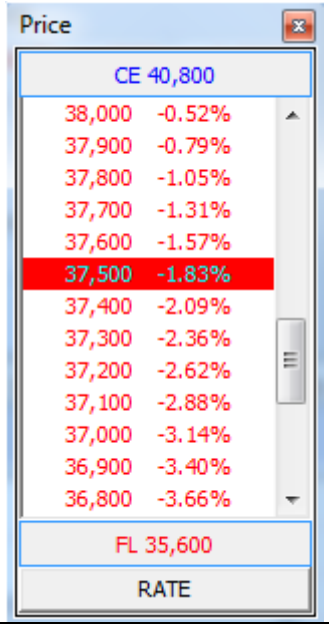
	
6	Enter buy/sell price, respectively, or quick select of price by clicking on the box of or select price in Overbought/Oversold in the next, in the item of
	Quick select of buy/sell price 
7	Information of currency, purchasing power, blockade value - Orderable volume: After entering the information of securities symbols and price, the system will automatically based on existing purchasing power and price to calculate the maximum buyable volume - Maximum purchasing power: If the account is margin trading, after entering the securities symbols to be bought, the system will calculate the maximum purchasing power for each symbol
8	Select the type of order: - Normal orders (normal orders for current session) - Advance orders (waiting orders) - Advance pledges orders - Selling orders of pledged securities
9	Information of current price, overbought/oversold, matching and interest of securities

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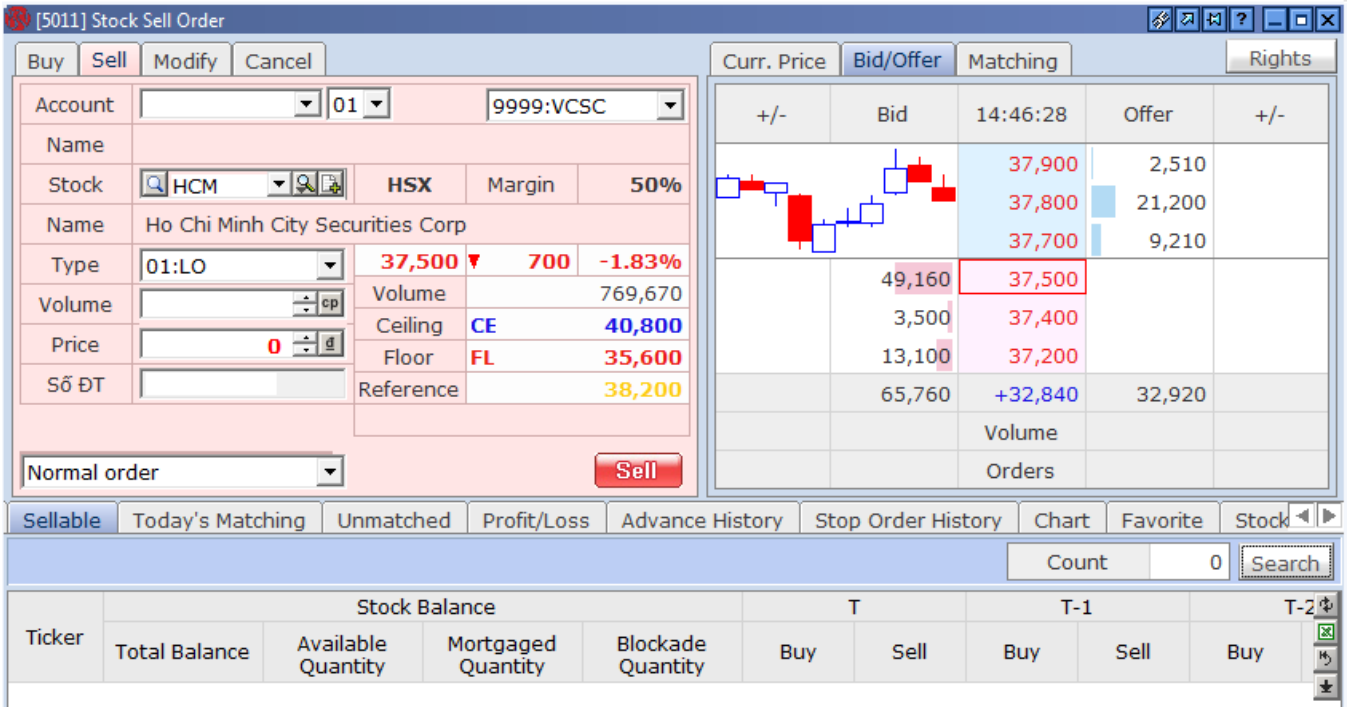
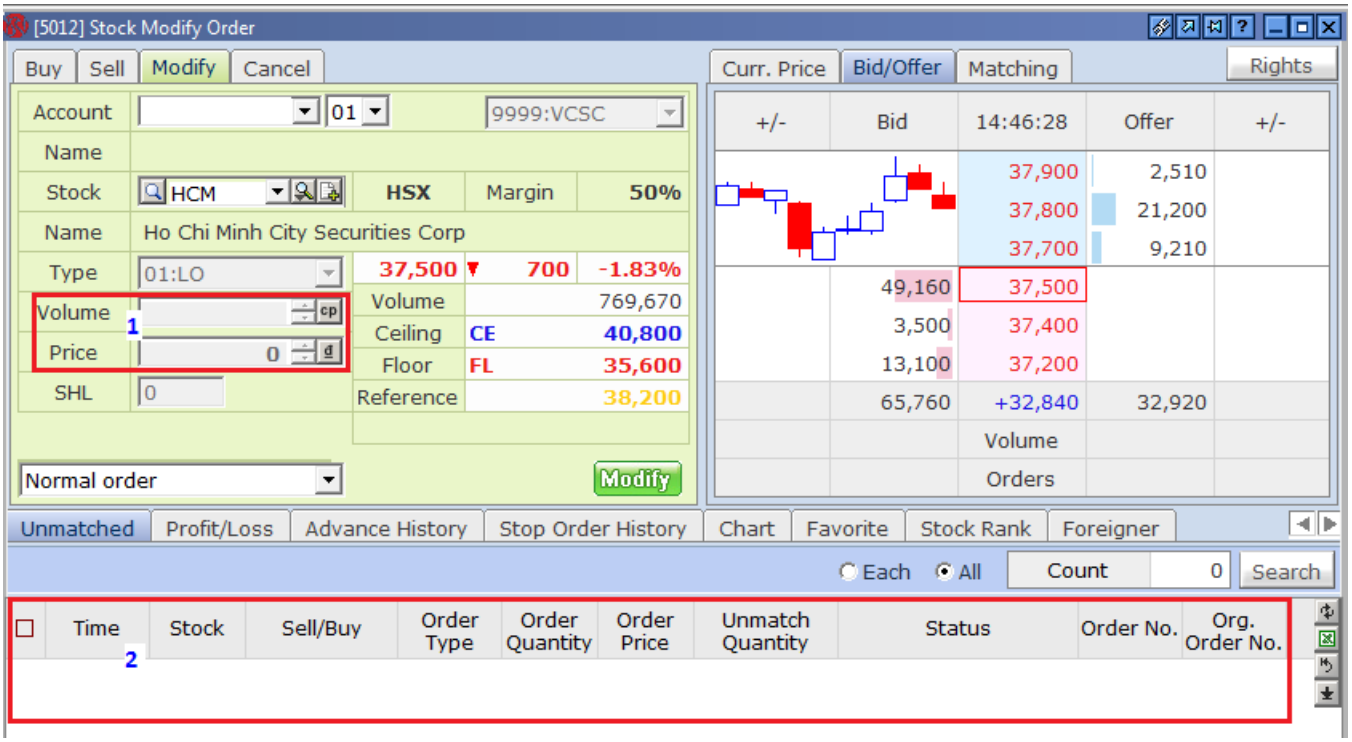
	symbol to be entered

2.5.2. Sale (5011): As same as the purchasing window 5010



2.5.3. Edit (5012): The function of edit orders (price and volume) only applies with unmatched or partly matching of HNX/UPCOM. It is not allowed to edit the orders from the even to odd lots and vice versa. Any order in 5 last minutes of close session of HNX will not be allowed to be repaired. Please refer details in instruction



Items	*Notes*

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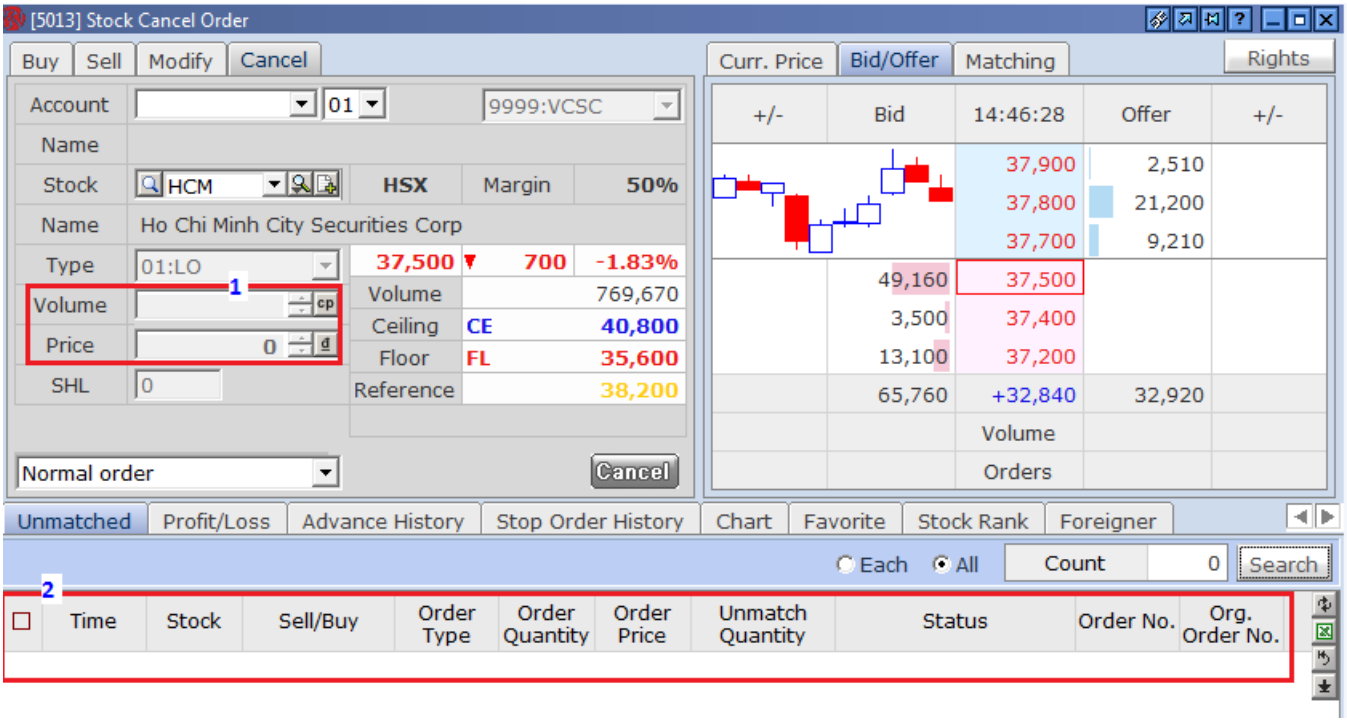
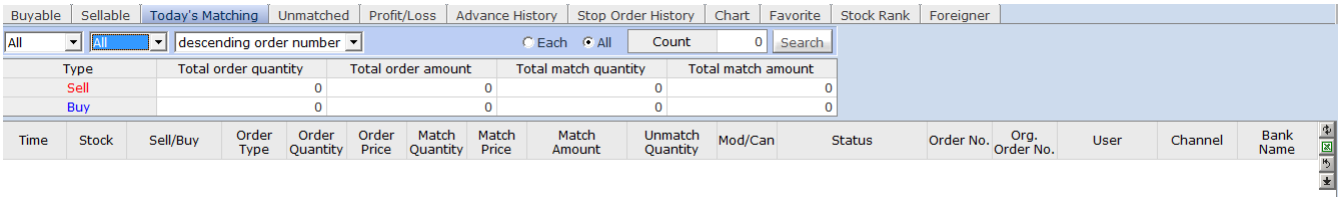
1	Double click to the orders to be edited the tab of order unmatched. Information of order will be filled automatically in 2
2	Enter price and volume you want to edit. Then click the Edit button

2.5.4. Cancellation (5013): Cancellation applies only to the unmatched or partly matched orders. Any order in 5 last minutes of close session of HNX will not be allowed to be cancelled. Please refer details in instruction. The customer can cancel many orders by check in the orders you want to cancel in tab of unmatched order

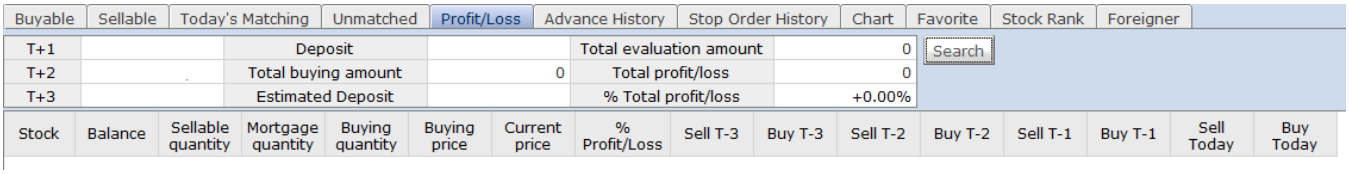


In addition, you can search

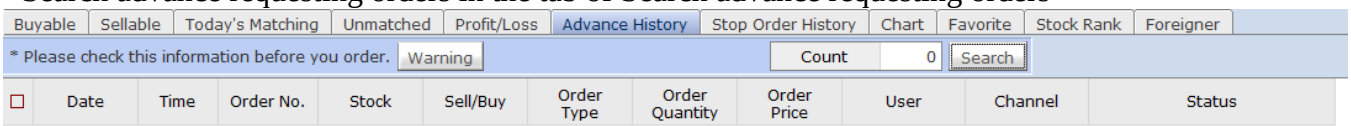
- All requested orders in the day by the tab of Order search



- The rate of loss/gain in the tab of loss/gain



- Search advance requesting orders in the tab of Search advance requesting orders



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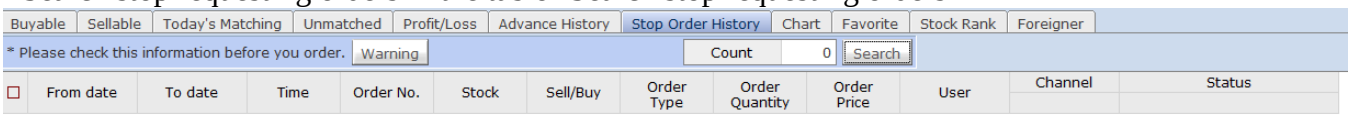
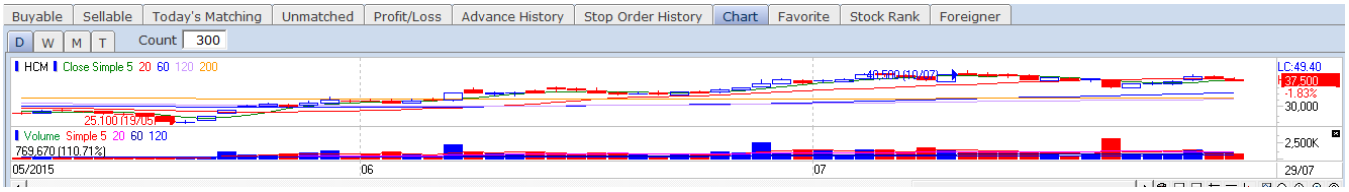
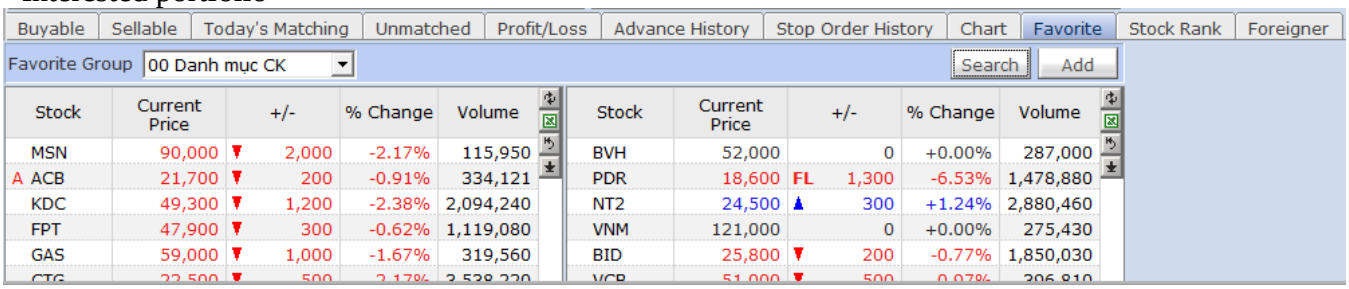
- Search stop requesting orders in the tab of Search stop requesting orders



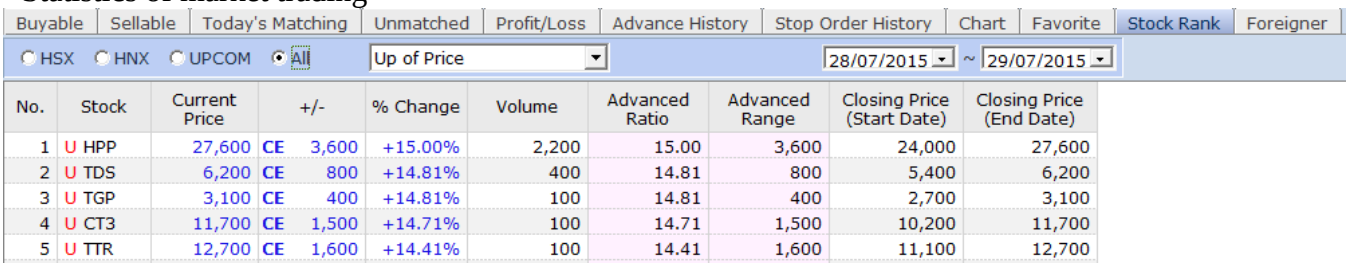
- View the chart



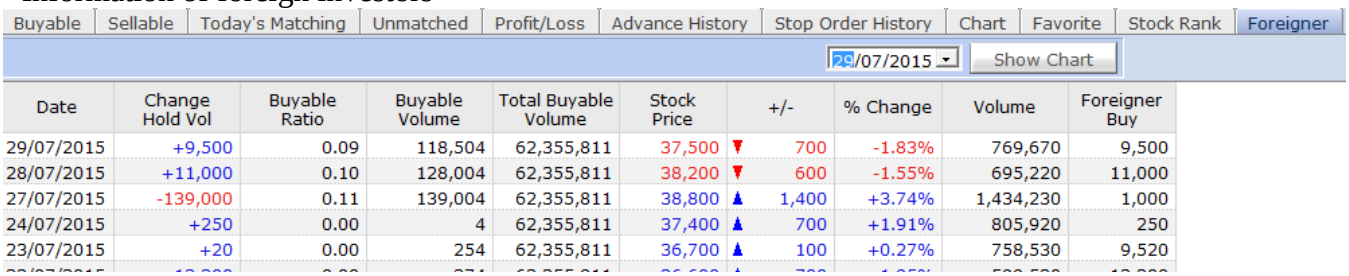
- Interested portfolio



- Statistics of market trading



- Information of foreign investors



2.5.5. Registration to sell odd lots (5070): This window only applies to the symbols accepted by VCSC for buying odd lots of HSX and for stipulated time. HNX own odd lots will be sold directly the window of order 5011. The customers can view the status of matched/unmatched in the corresponding tabs

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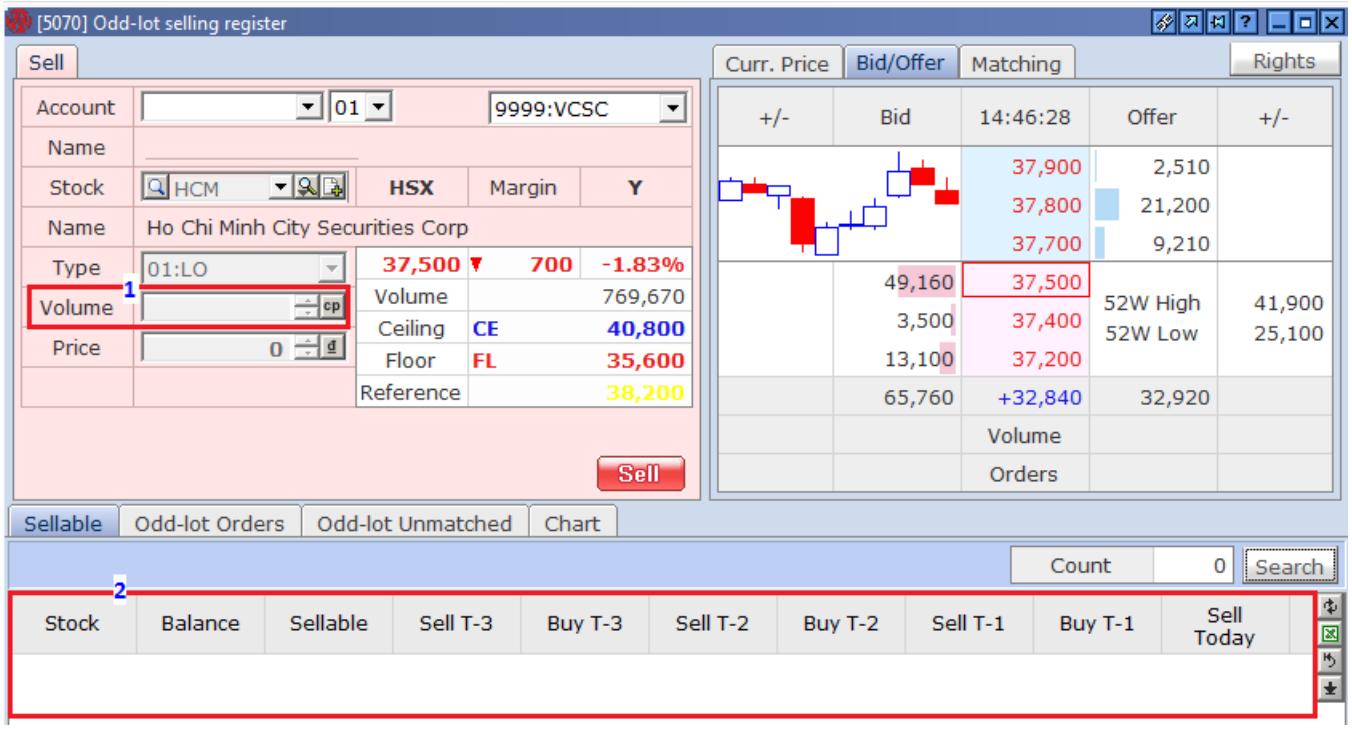
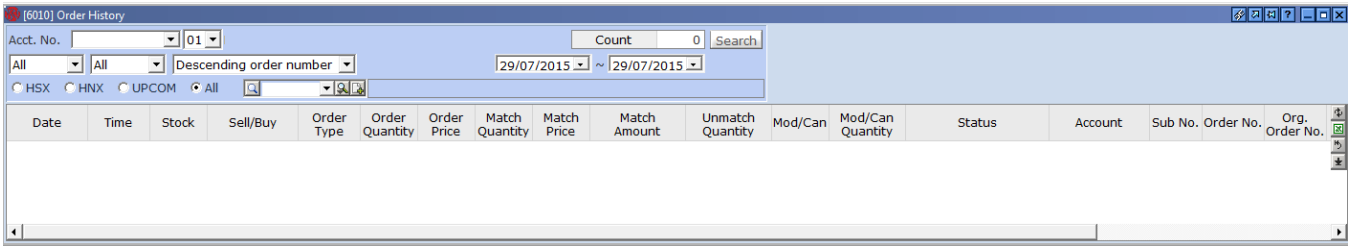


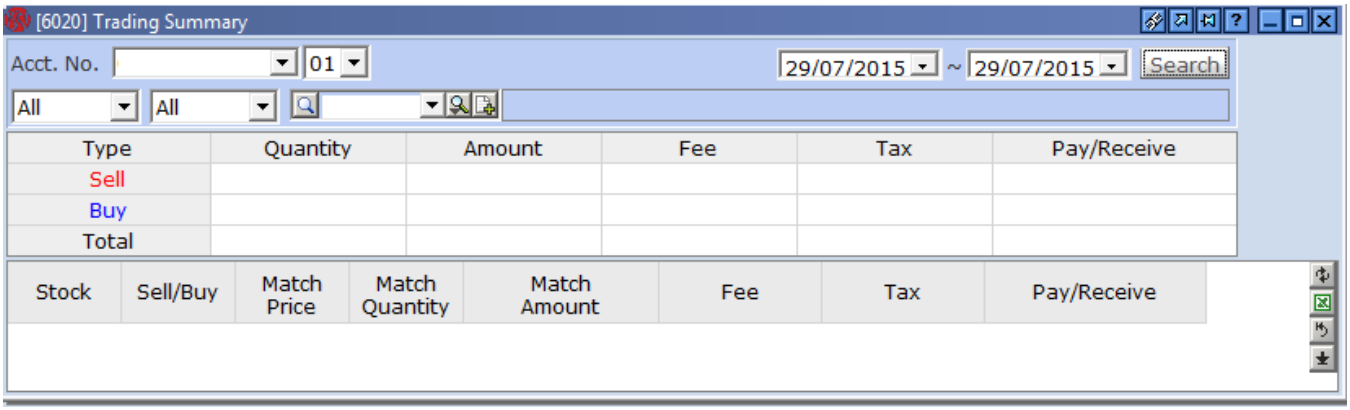
Items	*Notes*
1	If there are odd lots in account, they will be shown in this section. You double click here to get information of odd lot orders to be sold.
2	Information of price and volume is automatically entered into and you are not able to edit.

2.6. Account

2.6.1. Searching orders (6010): You can look up all the orders requested for a certain period with the predetermined selection criteria as below



2.6.2. Lookup matched value (6020): You can lookup trading volume/value over the time. It can help you estimate the buy/sell amount



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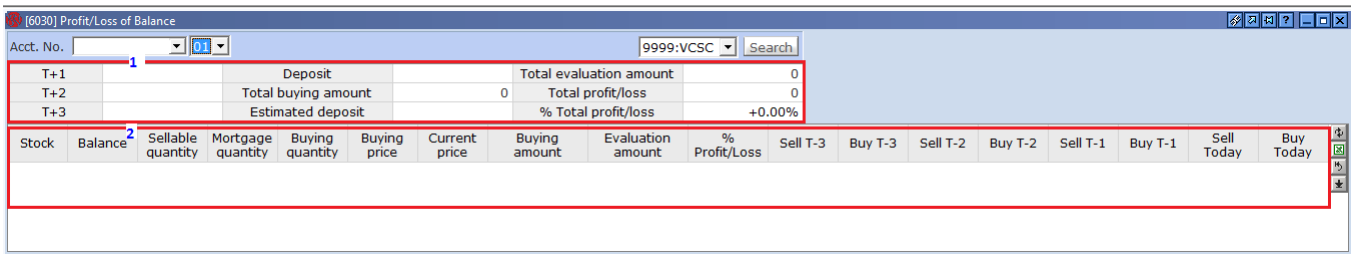
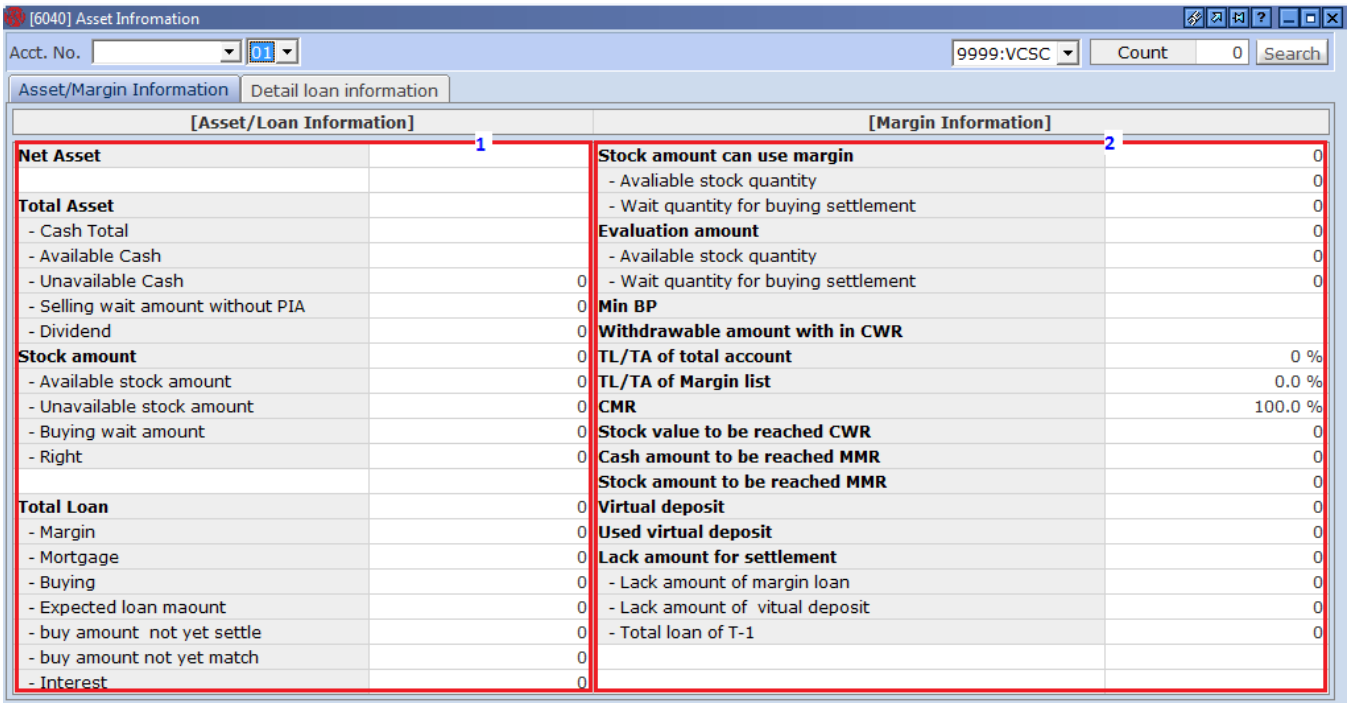
2.6.3. Account balance (6030)



Items	*Notes*
1	Information of proceeds, current stock value, provisional total assets, profits and losses, the balance of the deposit, buy-sell payment
2	Information of available securities balance
T+1	= Deposit balance + proceeds for sale on T + 1 – buying payable to T + 1
T+2	= Deposit balance + proceeds for sale on T + 2 – buying unpaid payable to T + 2
T+3	= Deposit balance+ proceeds for sale on T + 3 – buying unpaid payable to T + 3
Deposit balance	That means cash balance in account
Total amount to buy stocks	That means the amount to buy stocks in portfolio
Stock provisional balance	That means the total value of the existing securities at current prices
Total provisional assets	= (T+3) + Stock provisional balance

2.6.4. Information assets-liabilities (6040)



Items	*Notes*
1	Information net assets calculated according to the reference price of the current day. This item will be calculated for the escrow of deposited account and free-of-deposit account

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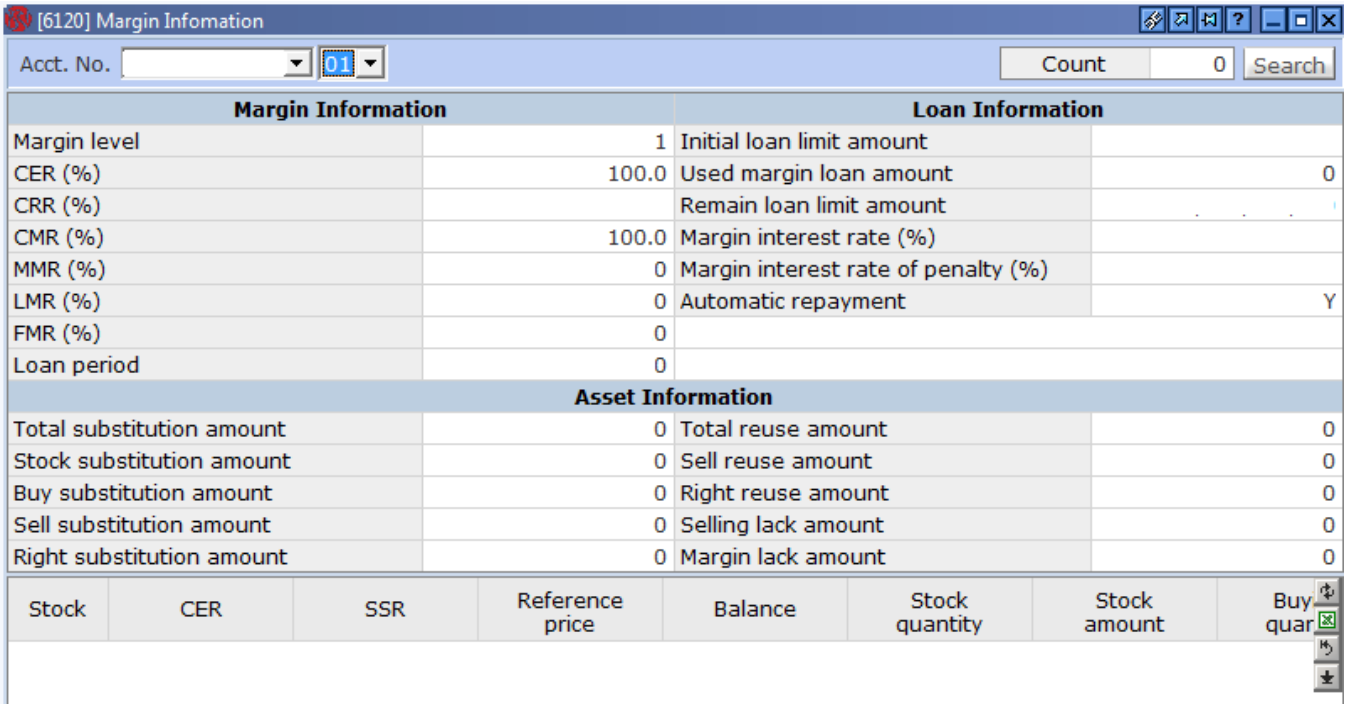
2	Information of deposited account only

2.6.5. Search of payment transaction (6050): You can look up all the payment transactions: buying payments and sale payments, dividends, debt, debt collection, payment of interest, deposit/withdrawal, and so on

2.6.6 Details of deposited account (6210): The details of deposited account



2.6.8 Recognized interests (6220): The customer can look up information of events of recognized interest in each respective tab

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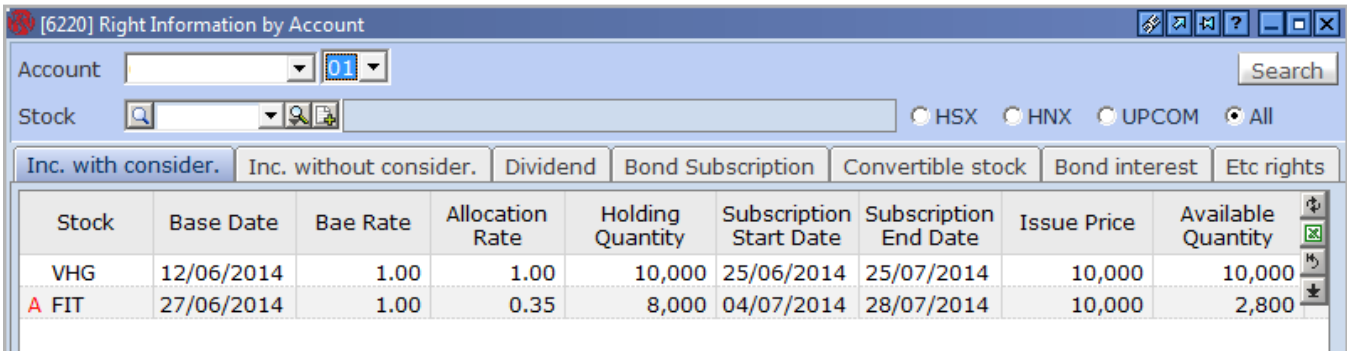
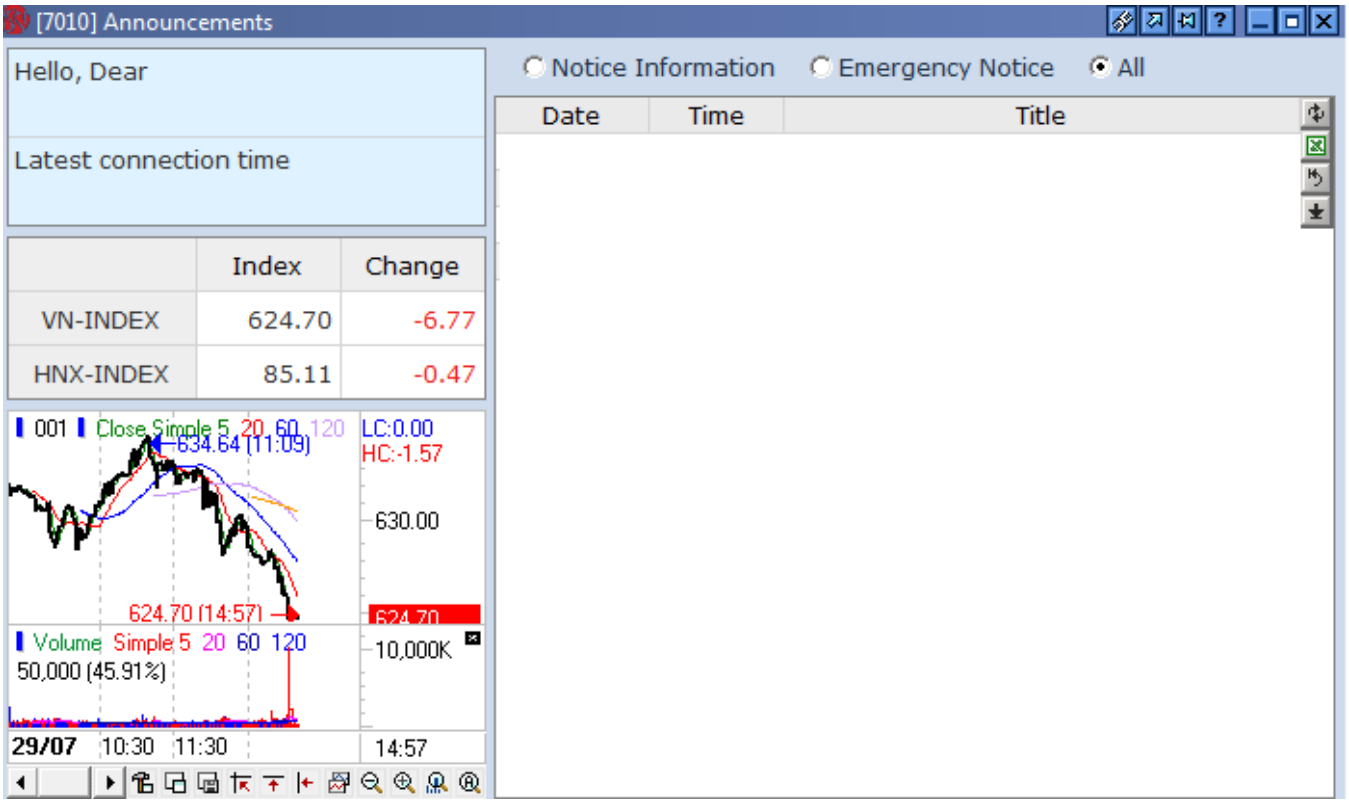


2.7. Investment Information

2.7.1. Announcements (7010): This is the window to help the consumers to look up the information the brokers want to provide. If the customers log-in, it will automatically appear a pop up notification. It could know the latest connection time and check whether the connection status is normal or not



2.7.2. News/notification (7110): After selecting securities symbols to look for, you can look up the news about this stock or after entering the phrase to be searched, you can also get such information. In case of choosing the date, only the content entered into the corresponding previous day could be found

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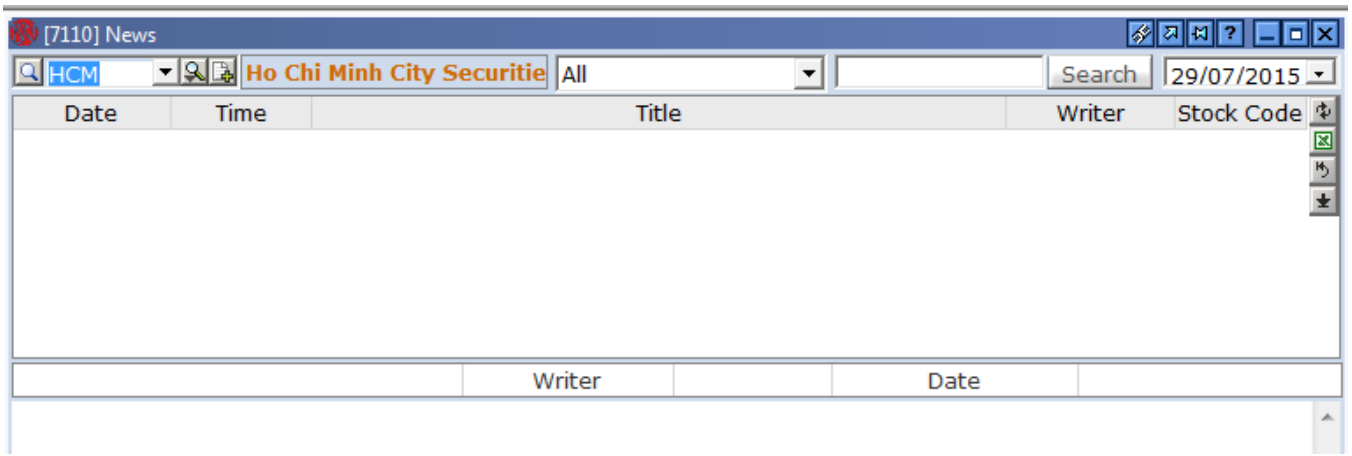
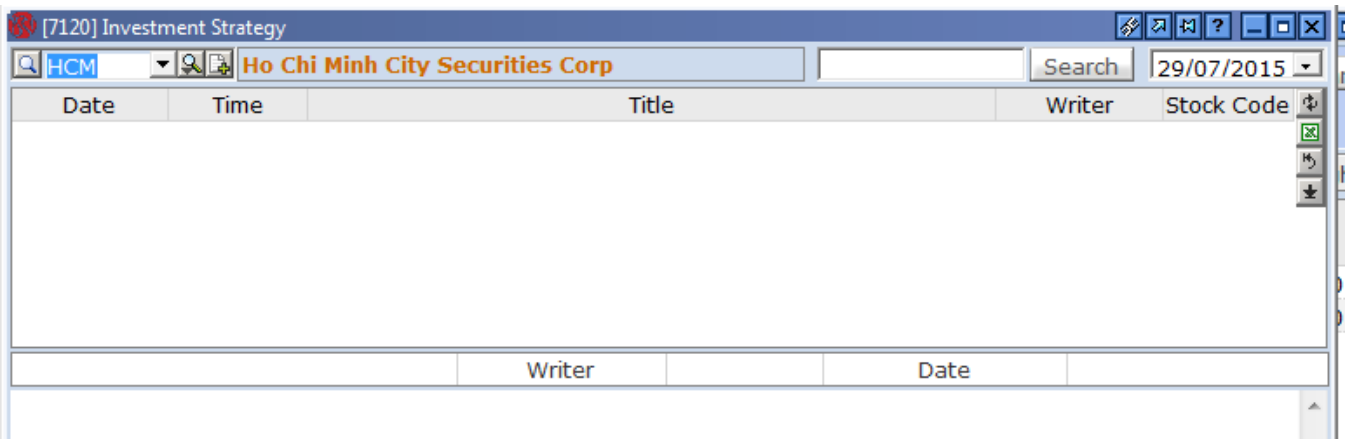
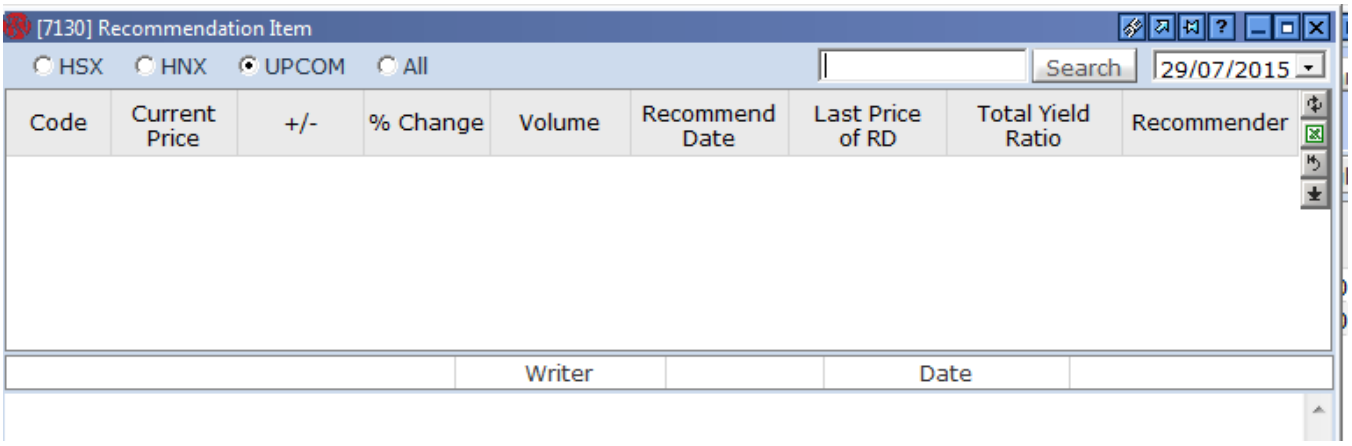


2.7.3. Investment Strategy (7120): After selecting securities symbols to look for, you can look up the contents of the investment strategy of such selecting securities symbols or after entering the phrase to be searched, you can also get such contents. In case of choosing the date, only the contents entered into the corresponding previous day could be found.



2.7.4. Introduction (7130)



2.7. Investment information (7140)

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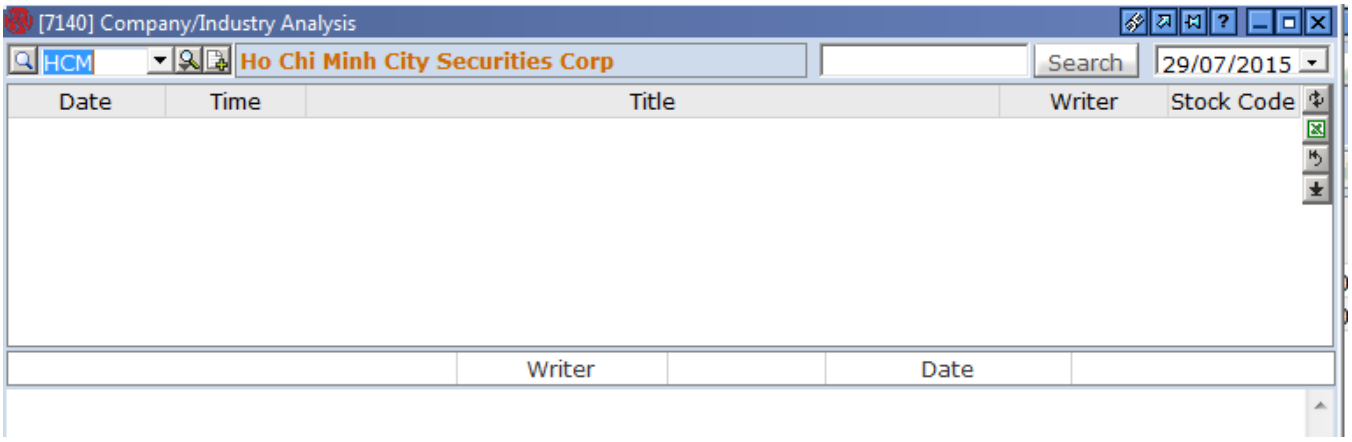
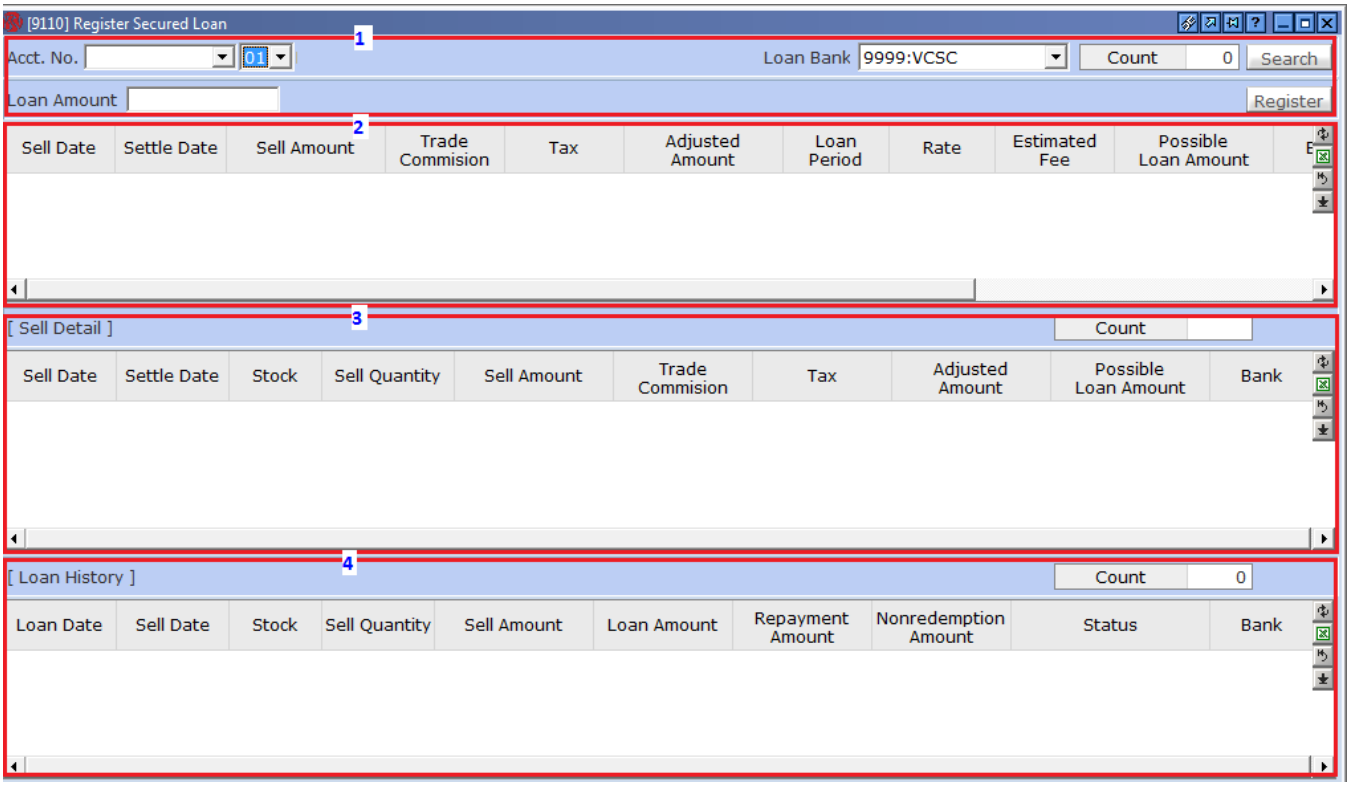


2.8. Customer support

2.8.1. Online account registration (9010): This is the window to help the customers enter the information necessary for account opening online. After you fill information, it is sent to VCSC and then VCSC will contact you for completing procedures and then you can perform transactions

2.8.2. Advance of proceeds from selling stocks (9110): After selling orders are matched, you can pay advance of proceeds from selling stocks through this window



Items	*Notes*
1	Enter the amount needed to be advanced
2	Information of selling orders without advance
3	Details of the selling order corresponding the number 2
4	List of advanced orders

2.8.3. Bank transfer (9210): In the case you use VCSC general accounts, you can register the account number of any bank to transfer. You must complete the registration documents of the bank account to be

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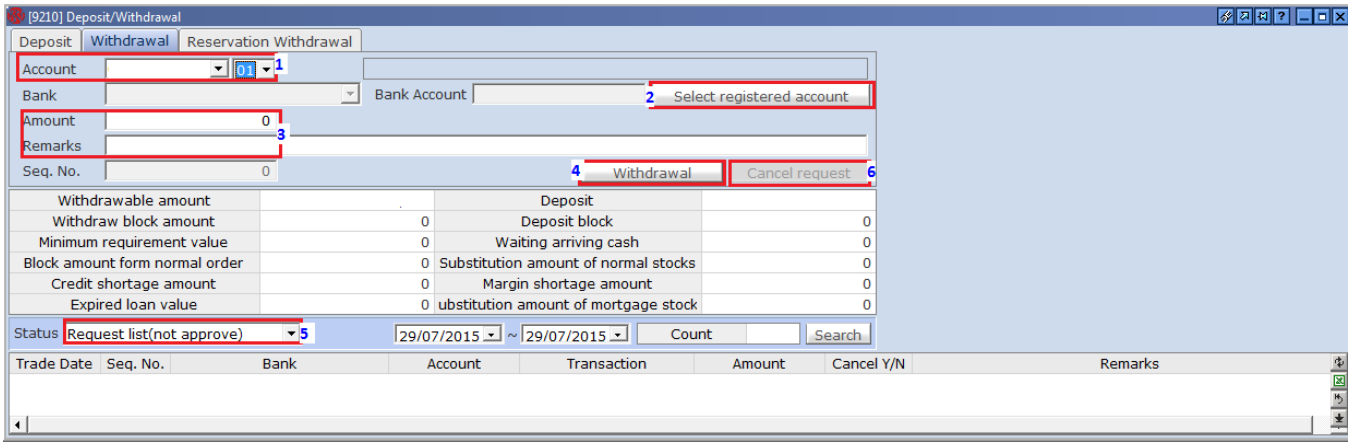
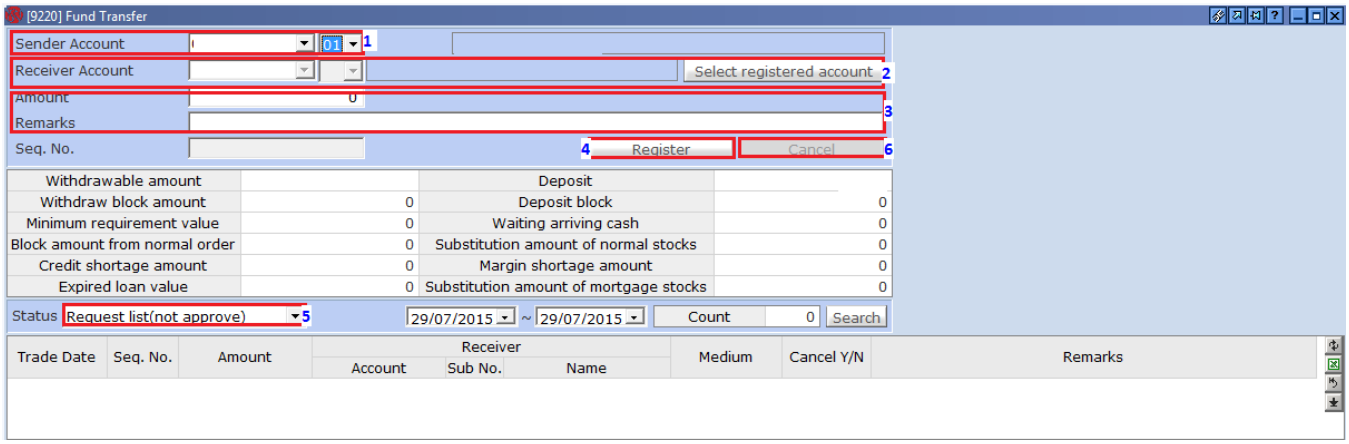
transferred before performing this function. Please see details instruction or contact the Customer Service



Items	*Notes*
1	Select sub-accounts needed to be transferred
2	Select the previously registered bank account
3	Enter the amount to be transferred and notes. Please note that the amount transferred shall not exceed the withdrawable amount
4	Once completed, click this button
5	You can view the status of the transfer order
6	If the status is not approved, you can cancel withdrawal requests through this function

2.8.4. Internal funds transfer (9220): In case you have many stock accounts at VCSC, you can register the account to transfer. You must complete dossiers to register the stock account number for transfer before performing this function. Please see details in instruction or contact the Customer Service.



Items	*Notes*
1	Select sub-accounts needed to be transferred
2	Select the previously registered bank account
3	Enter the amount to be transferred and notes. Please note that the amount transferred shall not exceed the withdrawable amount
4	Once completed, click this button
5	You can view the status of the transfer order
6	If the status is not approved, you can cancel withdrawal requests through this function

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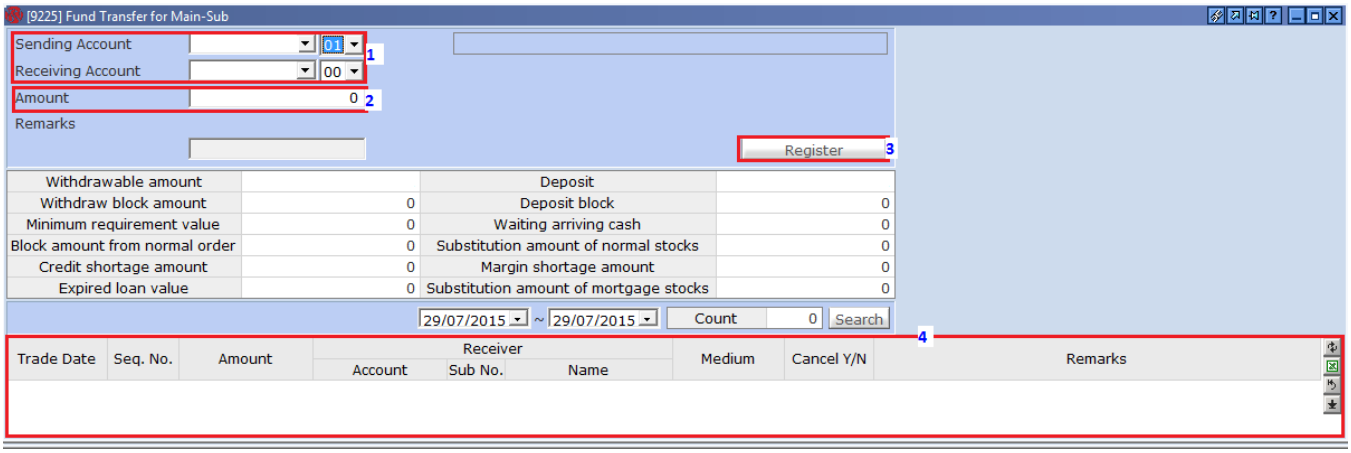
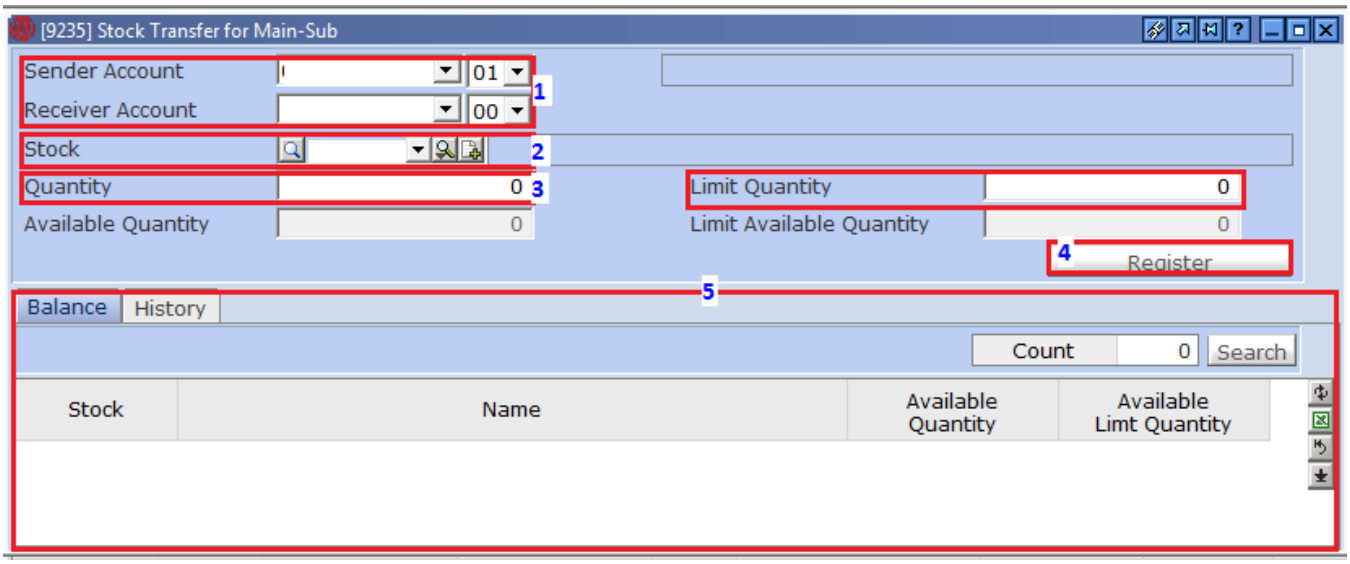
2.8.5. Transfer money between the main and sub accounts (9225): If there are many sub-accounts, you can transfer money between sub-accounts.



Items	*Notes*
1	Select sub-accounts needed to be transferred
2	Enter the amount to be transferred and notes. Please note that the amount transferred shall not exceed the withdrawable amount
3	Once completed, click this button
4	List of performed transfer orders

1.1.1. Transfer stocks between the main and sub accounts (9225): If there are many sub-accounts, you can transfer stocks between sub-accounts.



Items	*Notes*
1	Select sub-accounts needed to be transferred/received
2	Enter securities symbols to be transferred
3	Enter volume to be transferred and notes. Please note that the amount transferred shall not exceed the withdrawable number
4	Stock transfer
5	List of balance of stock and trading history

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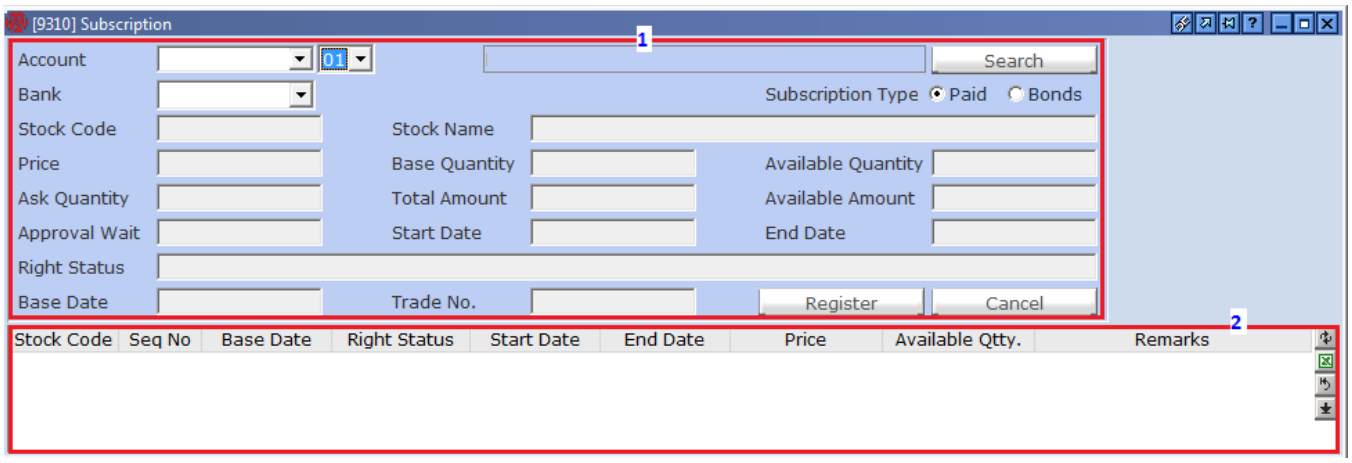
1.1.2. Registration to buy additionally issued stocks (9310): This window helps you register the rights to buy additionally issued stocks and register to buy bonds online when the rights of your securities symbols arise.



Items	*Notes*
1	After selecting the bank and enter the amount, you can register to buy additionally issued stocks, in case you want to cancel the requested item, select the line you want to cancel in item 2 below and then click the Cancel button
2	You can look up the list of securities symbols you can register for the right to buy. If you select line (securities symbols) you want to register, then the information will be searchable in the upper window

1.1.3. Message window (9820): This is the window to check the contents of messages related to stock information from brokers. Through this window you can check messages, message contents, time of receive message from the brokers. This menu is not only available in the main menu, if you double click on the right of the main window of vPro when messages arrive, you can display this window

1.1.4. Change password of Vpro & Vweb (9910): In this window, you can change the login password VPRO / VWEB / VMOBILE. After the change is done, you need to exit and re-enter to be enabled. Note, the password must be in both letters and numbers and must be at least 6 characters.

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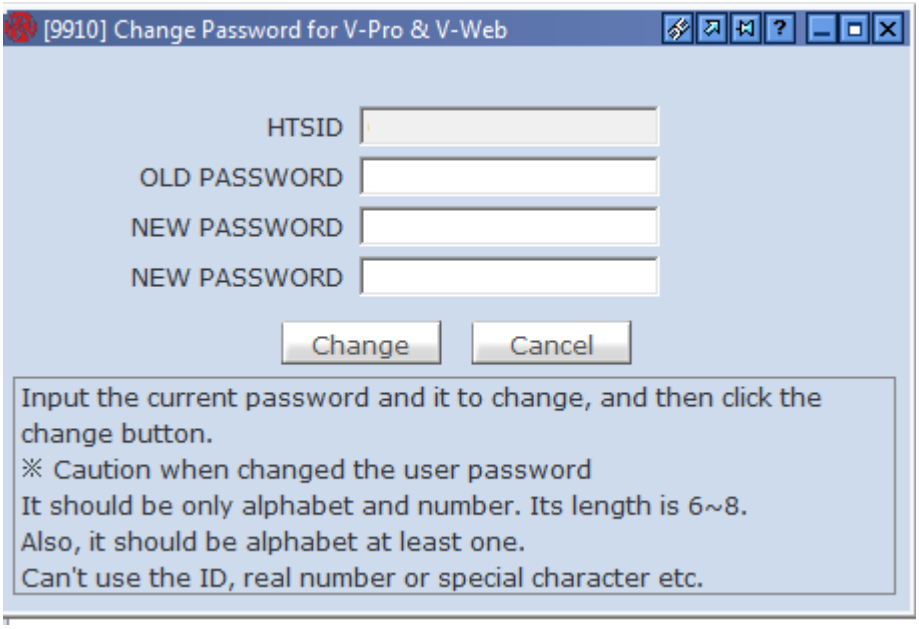
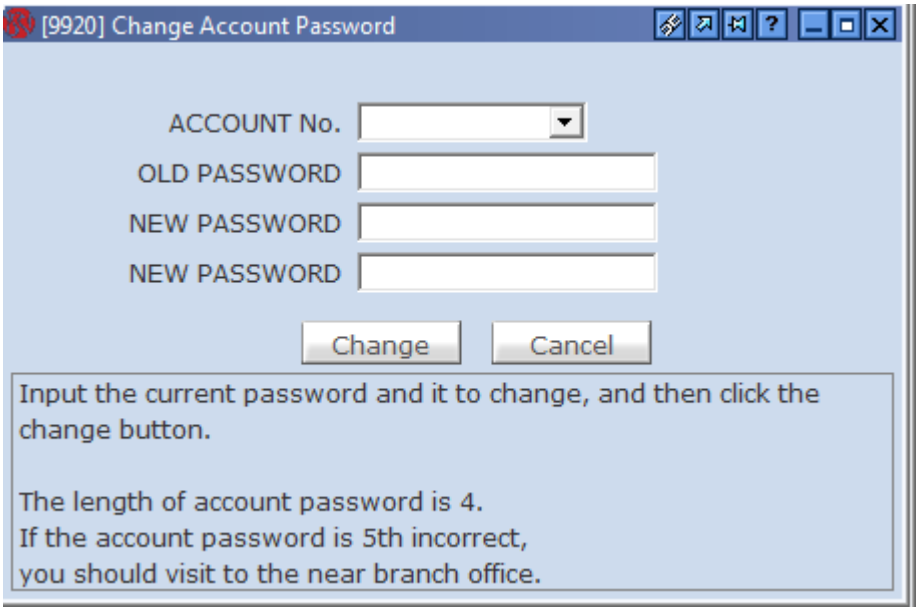


1.1.5. Change password of Order request (9920): This password is used when you call to the brokers in VCSC to order or perform the functions related accounts: advances, withdrawals, ... This password contains 4 numbers



1.1.6. Trading calculator (9990): This is a spreadsheet that you can calculate the adjusted amount of profit / loss evaluation when transactions related to the transaction. It is created by 2 tab like the image below, and if you click on the tab to the left, you can calculate the number of revised amount and if right click on the tab on the right it can calculate the profit / loss evaluation.

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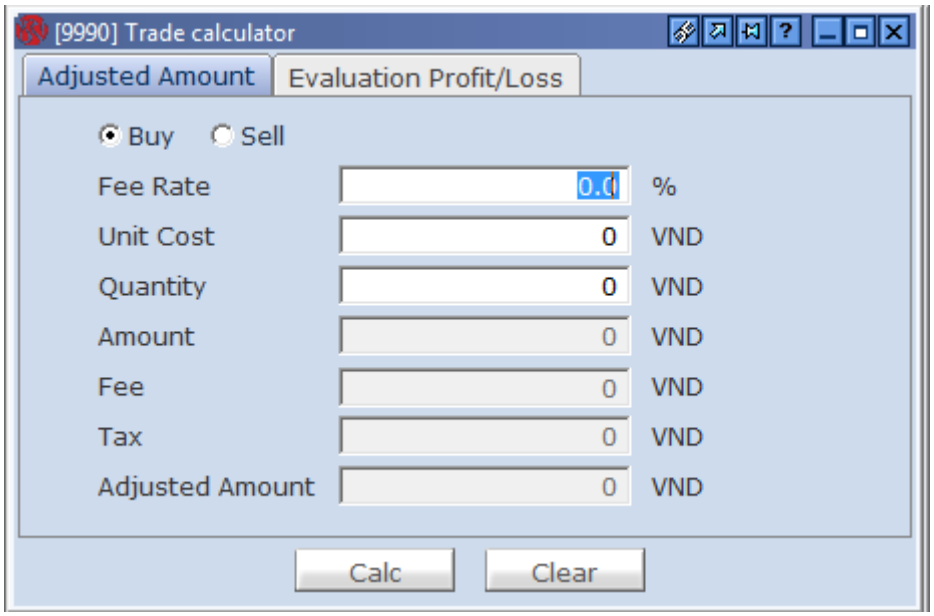

2. A number of advanced options (updating)
3. The common errors and troubleshoot (updating)
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