

Contents

Topic	Page
What is Streaming	2
Getting Started	3
Hardware and Internet Connection	
- Computer Hardware, Software	6
- Internet Connection	6
Features in Streaming	
- Market Watch	7
- Portfolio	17
- 3 Bids / 3Offers Price	19
- Market Ticker	22
- Stock Summary	25
- Settings	30
Frequently Asked Questions (FAQs)	38
Troubleshooting	39

What is Streaming

Streaming is the Internet-based stock-trading program evolved with cutting-edge technology for providing high performance service. This program is the latest product of Settrade.com, an Internet trading service provider for leading brokers.

Streaming is comprised of six main features: including Market Watch, Portfolio, 3 Bids / 3 Offers, Ticker, Stock Summary, and Setting. This program has a unique feature called auto-selection, automatically select the best data transportation method (PUSH / PULL) for each client/computer. Fortunately, Settrade.com pay more concern to New Product Development (NPD) to make Streaming to be the excellent User Friendly Interface.

With the technology of Internet, you can place anywhere and anytime through any Internet PC, just access to brokers' website and key in Username + Password, the online trading room will show on your screen. You can submit the order on any page in Streaming program.

Getting Started

Easy 4 steps before getting started “Streaming”

1st Step → Open an Internet trading account with 15 members (Brokers) of Settrade.com

Members of Settrade.com

Ayudhya Securities Co., Ltd

Tel (66) 2659-7777

E-mail : ihelpdesk@ays.co.th

Kiatnakin Securities Co., Ltd

Tel (66) 2680-2244

E-mail: esupport@kks.co.th

Globlex Securities Co.,Ltd

Tel (66) 2672-5999 Press 5820, 5821

E-mail : kamthorn@globlexsecurities.com

KGI Securities (Thailand) Plc

Tel (66) 2631-0222

E-mail : ebusiness@kgi.co.th

SICCO Securities Public Co.,Ltd

Tel (66) 2627-3100 Press 4

E-mail: webmaster@sicsec.co.th

DBS VICKERS Securities (Thailand) PLC

Tel (66) 2657-7799

E-mail: dbsvonline@th.dbsvickers.com

Trinity Securities Group

Tel (66) 2670-9100 Press 500, 563-6

E-mail: ebs@trinitythai.com

National Securities Co., Ltd.

Tel (66) 2217-8900

E-mail: natseccs@nfs.co.th

Siam City Securities Co.,Ltd

Tel (66) 2624-8989, 2624-8888

E-mail: online@scis.co.th

BT Securities Co.,Ltd

Tel (66) 2657-9000 Press 2404-8

E-mail : inquiry@btsecurities.com

BFIT Securities Co, Ltd

Tel (66) 2677-4330

E-mail: std@bfit.co.th

UNITED Securities Public Co, Ltd

Tel (66) 2207-0038 Press 359, 553, 554

E-mail: etrade1@unitedsec.com

UOB Kay Hian Securities (Thailand) Co., Ltd.

Tel (66) 2658-8259

E-mail: webservice@uobkayhian.co.th

Intel Vision Securities Co., Ltd.

Tel (66) 2658-5800

E-mail: info@ivs.co.th

Adkinson Securities Public Co., Ltd.

Tel (66) 2263-3733

E-mail: aslonline@asl.co.th

2nd Step → Brokers will activate your account and confirm your own setting Username, Password, and mail you PIN number (Trading Password) to you

3rd Step → You can login to the Internet Stock trading system or Streaming from Broker's websites or go to the www.settrade.com, then select the broker's name and logon by Username + Password

Final Step → Click on "Streaming" bar to run the program (Some brokers use name as Real-time page). If your computer can't launch the Streaming, please read Troubleshooting page 39

Hardware and Internet Connection

Hardware and software

The minimum standard of Hardware and software for using Streaming:

Hardware

PC Pentium III Speed 500 MHz.

Memory - RAM 64 MB. (Recommended 128 MB.)

Hard disk - 5 GB.

Modem - Speed 56 kbps. (Recommended ADSL, ISDN)

Software

OS - Windows 98 or Windows 2000 or Windows XP

Web browser – Internet Explore version 5.5 and Higher

Flash Player version 7.0 or Higher

Internet Connection Provider

General ISP - Internet Service Provider

(Recommended INET or TRUE with Hi-speed Internet Connection)

Features in Streaming

Market Watch

The screenshot displays the Streaming Market Watch interface. At the top, there's a navigation bar with icons for Market Watch, Portfolio, Bid/Ask, Ticker, Stock Summary, and Settings. The main area is divided into several sections:

- Top Right:** SET INDEX with High 660.61, Low 652.37, and a PULL button.
- Selection:** Most Active Value. A dropdown menu with Add and Del buttons.
- Market Data Table:** A large table with columns: Symbol, Srs, Close, Vol Bid, Bid, Offer, Vol Off, Last, Chg, %Chg, Volume. It lists various stocks like PTT, TTA, VNT, ATC, TOC, SATTEL, ASP, GL, SHH, and TRUE.
- Order Book:** A table showing bid and offer orders for selected stocks, including columns for Symbol, Srs, Bid, Offer, Vol, Side, Price, Volume, and Time.
- Trading Controls:** A section for placing orders with fields for Buy/Sell, Stock (PTT), HVDR, Qty, Price, PIN, Submit, and Clear buttons. It also shows Credit Limit, Line Available, and Cash Balance.
- Order Status Table:** A table at the bottom with columns: Order, Stock, Time, B/S, Price, Quantity, Matched, Balance, Cancelled, and Status.

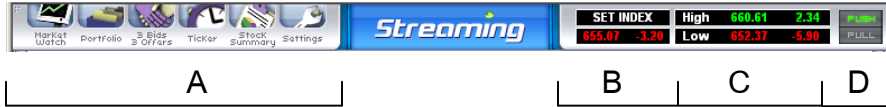
Brackets on the right side of the image indicate three parts of the interface:

- Part I:** Points to the top navigation bar and the SET INDEX section.
- Part II:** Points to the Market Data Table and the Order Book.
- Part III:** Points to the Trading Controls and the Order Status Table.

Surely, Market Watch is the main market summary page in Streaming which shows overall market status, market movement, real-time quote, Buy/Sell order placing, and order status. There are 3 parts in Market Watch page as follows:

- Part I Feature Selection and Market Summary
- Part II Securities quote in details, Favourite, Market Ticker
- Part III Buy/Sell Order placing and Order Status

Part I

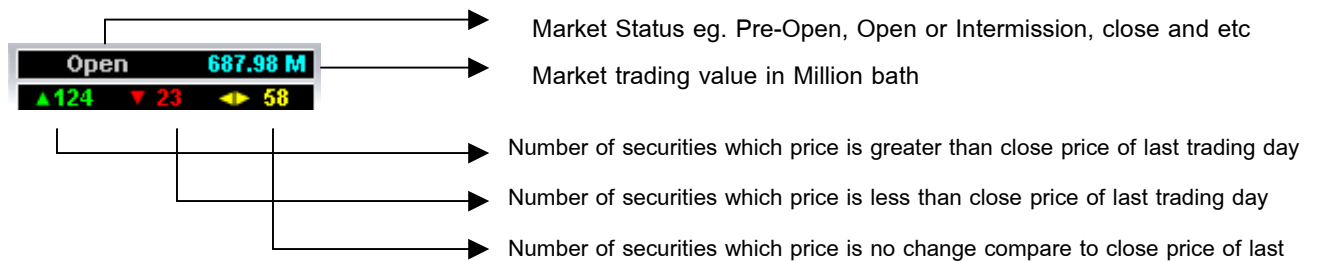


Area A You can select the main features in this area including Market Watch, Portfolio, 3 Bids 3 Offers Price, Ticker, Stock Summary, and Setting. If you click on these icons, the information will change in Part II.

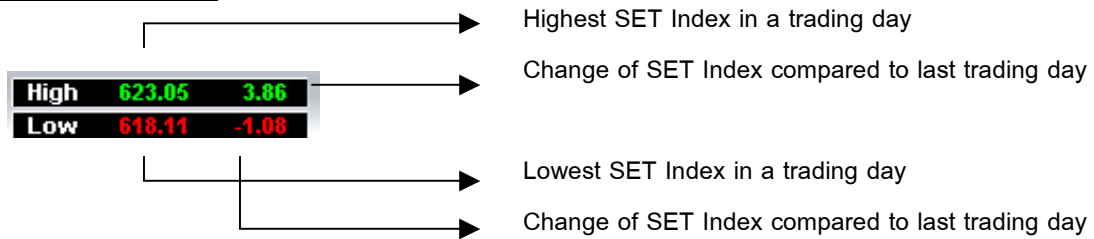
Area B These two lines show SET INDEX in words (above line) and the below line, it shows SET Index and Change in number. If you click on SET INDEX, it will show Intraday Graph.

Area C This area has 2 sets of market information, separated in 2 lines, that shows each information set in a few seconds.

Information Set 1



Information Set 2

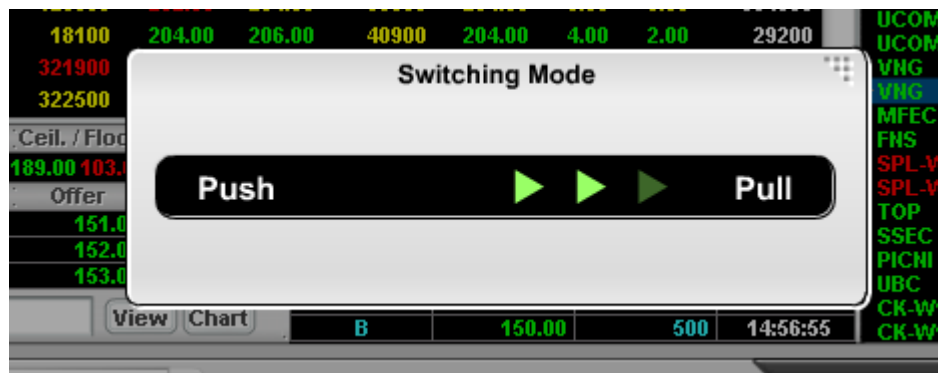


Area D Push / Pull menu represents 2 types of technology data transfer system which have the specific characteristic of these two technology as follows

Push - Trading system push the information to the client/computer. In other words, the trading system will send all securities quotes and market data to your computer/client (Trading system → Push data → Streaming)

Pull - Streaming in each computer/client will pull the data from trading system (Streaming → Pull data → Trading system)

When the Streaming is launched, it will automatically choose the highest performance of technology for each computer/client. Please see the picture below of Push / Pull switching or you may also press the Push or Pull menu at the top-right corner on the screen.



Part II

A

B

C

Symbol	Sts	Close	Vol Bid	Bid	Offer	Vol Off	Last	Chg	%Chg	Volume
PTT		183.00	191100	181.00	182.00	400100	181.00	-2.00	-1.09	5297700
TTA		42.25	22900	40.50	40.75	218300	40.50	-1.75	-4.14	12919200
VNT		12.50	378100	12.60	12.70	534400	12.60	0.10	0.80	29068900
ATC		71.50	317800	70.00	70.50	229300	70.50	-1.00	-1.40	4530400
TOC		71.50	100	70.50	71.00	350100	70.50	-1.00	-1.40	4091600
SATTEL		16.30	785400	16.50	16.60	832500	16.50	0.20	1.23	18159700
ASP		75.00	200500	71.00	71.50	53700	71.50	-3.50	-4.67	3301100
GL		0.00	57500	12.30	12.40	64200	12.40	12.40	0.00	13818600
SHR		38.50	91600	38.00	38.25	505000	38.00	-0.50	-1.30	4842300
TRUE		6.15	669000	6.10	6.15	57500	6.15	0.00	0.00	26582200

Symbol	High	Low	Ceil	Floor	Close	Avg	Last	Change	%Change	Open
PTT	184.00	180.00	236.00	129.00	183.00	181.18	181.00	-2.00	-1.09	183.00
Vol										
	191100	181.00	182.00	400100						
	444100	180.00	183.00	719500						
	796200	178.00	184.00	331700						

Symbol	Sts	Close	Vol Bid	Bid	Offer	Vol Off	Last	Chg	%Chg	Volume
ADWARR	B	400	88.00							
ZMCO WD	B	18000	4.78							
ZMCO WD	B	2000	5.76							
TTA	S	3700	40.50							
TTA	S	10000	40.50							
TTA	S	500	40.50							
TTA	S	200	40.50							
TTA	S	34100	40.50							
US	S	300	5.25							
US	S	4700	5.25							
JAS-W	B	20000	0.39							
TOC	B	400	70.50							
ECCOMP	B	500	63.50							
RAIMON-W	S	133800	0.22							
RAIMON-W	S	50000	0.22							
RAIMON-W	S	16200	0.22							
BARPU	B	1000	164.00							
RAIMON-W	S	33800	0.22							
SGP	B	5000	5.56							
BBL	B	1000	94.00							
BARPU	B	100	164.00							
N-PARK	S	20000	1.22							
WORK	B	100	16.30							

In part II, it shows the real-time securities information in details, it composes of 3 areas as follows:

Selection: Favourite 1

Symbol	Sts	Close	Vol Bid	Bid	Offer	Vol Off	Last	Chg	%Chg	Volume
ARAYA		10.80	103300	10.80	10.70	84500	10.80	-0.20	-1.85	81200
CEI		10.40	11400	10.10	10.20	16400	10.20	-0.20	-1.92	39700
CA		11.50	41100	10.00	10.00	48700	10.00	-0.70	-6.09	644300
ITV		14.30	172900	13.80	13.90	8400	13.90	-0.40	-2.80	921100
MAJOR		14.10	35100	14.10	14.20	3000	14.20	0.10	0.71	25400
NSM		1.54	235000	1.52	1.53	97100	1.53	-0.01	-0.65	1422200
PTT		151.00	43300	151.00	152.00	313200	151.00	0.00	0.00	369100
PTTEP		298.00	18900	294.00	296.00	50100	294.00	-4.00	-1.34	239000
TOC		55.50	320700	55.00	55.50	225300	55.00	-0.50	-0.90	459200
VNT		10.90	128500	10.70	10.80	50600	10.80	-0.10	-0.92	97200

Area A: Real-time Quote

In case of Real-time quote area, it shows trading quote of each security. You can save your favourite stocks and watch the overall market movement. The color will explain about the performance of each stock in a trading day compared to last trading day.

Green Color means last price in a trading day greater than close price of last trading day

Red Color means last price in a trading day less than close price of last trading day

Yellow Color means last price in a trading day is no change compared to close price of last trading day

Market Stock Symbol

Symbol Stock Symbol

Symbol Sts Stock Status eg. H, SP, XD, XR

Close Closing price in a last trading day

Vol Bid Volume of securities at BID price level

Bid Bid Price

Vol Off Volume of securities at Offer price level

Offer Offer Price

Last Last price in a trading day

Chg Change of last price in a trading compared to close price of last trading day

% Chg Percentage of Change

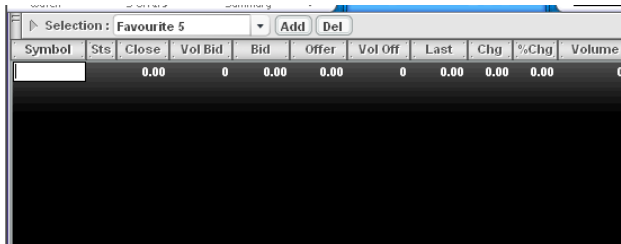
Volume Securities trading volume in a trading day

Selection box

To learn more about Selection box, you can select the favourite list, Industry sector, Most Active Value, Most Active Volume, Top Gainer, and Top Loser at selection box. There are 5 favourite list which you can save up to 10 securities in each favourite list.

Favourite List

Suppose no security in favourites, you must first input stock symbol at the black area as below picture and it will automatically save to favorite list, which you can save up to 10 stock symbols in each list.



Press “Add” to insert the stock symbol and Press “Del” to delete the stock symbol, and then press “ENTER” to finish

Area B: 3 Bids / 3 Offers Price

Symbol	High / Low	Ceil. / Floor	Close / Avg.	Last	Change	%Change	Open 1
PTT	184.00 180.00	236.00 129.00	183.00 181.18	181.00	-2.00	-1.09	183.00
Vol	Bid	Offer	Vol	Side	Price	Volume	Time
191100	181.00	182.00	400500	S	181.00	5000	11:26:59
444100	180.00	183.00	719500	S	181.00	100	11:26:05
796200	179.00	184.00	331700	S	181.00	1000	11:25:43
Quick View :				S	181.00	3000	11:25:06
				S	181.00	1000	11:24:43

This area shows a specific stock summary in more details.

To view this area, there are 2 ways as follows:

- 1st way Move mouse to click at any securities in Part II, area A
- 2nd way Move mouse to Quick view box and enter the Stock symbol, then click view or press ENTER

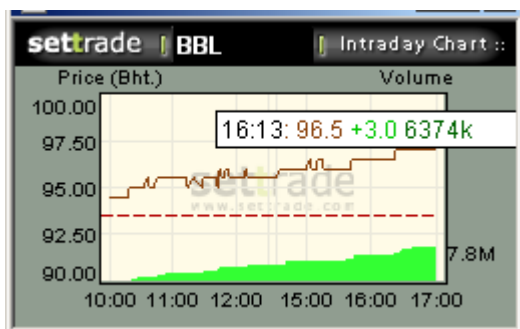
Symbol in Quick view area

Symbol Stock Symbol

High Highest executed price in a trading day

Low	Lowest executed price in a trading day
Ceiling	The highest possibility of stock price in a trading day
Floor	The lowest possibility of stock price in a trading day
Close	Close price of last trading day
Avg.	The average of Buy/Sell price in a trading day
Last	The last executed price in a trading day
Change	The change of last price in a trading day compared to close price of last trading day
% Change	Percentage of Change
Open 1 (Open 2)	Open price in the morning session (10.00 – 12.30) and the evening session (14.30 – 16.30)
Vol, Bid	Volume of securities at Bid price level
Vol, Offer	Volume of securities at Offer price level
Side	BUY (B) or SELL (S)
Price	Executed price or Deal price
Volume	Volume of matched securities at a moment of time
Time	Time of matched securities

Click “Chart” to view Intraday Chart (See the picture)



Area C: Ticker

		11:06:32	
N-PARK	B	10000	1.47
N-PARK	B	5300	1.47
N-PARK	B	5400	1.47
N-PARK	B	3900	1.47
N-PARK	B	3900	1.47
SCCC	B	1000	202.00
SCCC	B	500	55.00
TOC	S	500	55.00
TOC	S	400	55.00
TOC	S	400	55.00
LOXLEY	S	10900	3.94
LOXLEY	S	10900	3.94
NSM	S	2900	1.53
NSM	S	2900	1.53
PRO	B	10000	2.86
STA	S	200	38.50
STA	S	1000	38.50
STA	S	800	38.50
N-PARK	B	10500	1.47
N-PARK	B	10500	1.47
N-PARK	B	200	1.47
N-PARK	B	200	1.47
N-PARK	B	10000	1.47

Normally, Ticker itself shows all executed transaction that always matches in a trading day at the moment of time. Ticker will show all matched transaction in real-time quote, which composes of:

Stock	Stock Symbol
Side	BUY (B) or SELL (S)
Volume	Volume of matched securities
Price	Executed price or Deal price

Part III

You can place the order of Buy/Sell Stock and check the order status in Part III (See the picture below), which compose of 3 areas as follows :

Area A

Trading Account : 99031204

Buy Sell Stock ☐ HVDR Qty Price PII Submit Clear

Area B

Credit Limit : 200,000.00 Line Available : 200,000.00 Cash Balance : 0.00 Real Data Cancel Refresh

Order	Stock	Time	B/S	Price	Quantity	Matched	Balance	Cancelled	Status
-------	-------	------	-----	-------	----------	---------	---------	-----------	--------

Area C

Area A Buy / Sell placing order

1st Line shows trading account number

2nd Line Placing order bar

Buy/Sell Click at Buy bullet or Sell bullet, then key in the Stock Symbol, volume of securities, price. When you want to submit the order, PIN number (or Trading password) is required, then click submit or press ENTER. To cancel, you can click "Clear" to delete all. Remember, PIN number is required for placing order (If you want to buy or sell securities in NVDR type, click to mark NVDR bullet)

Area B Shows Credit Limit, Line Available, and Cash Balance

Credit Limit Maximum limit of trading value in a account

Line Available The credit available for trading value. If you buy securities, the line available will decrease. If you sell securities, the line available will increase. When line available equals to Zero, trading will not permit.

Cash Balance Cash deposit to the brokers

Deal Data Shows matched order in details

Cancel Place "Cancel" to clear the order placing, but PIN number is necessary in this case

Refresh Click "Refresh" to update the latest information

Area C shows all order status of placing order (See the picture)

Order	Stock	Time	B/S	Price	Quantity	Matched	Balance	Cancelled	Status
70000445	BEL	15:00:38	S	92.00	2,000	2,000	0	0	Matched(M)
70000444	BEL	15:00:03	B	90.00	2,000	2,000	0	0	Matched(M)
70000113	PTT	14:59:38	B	150.00	1,000	1,000	0	0	Matched(M)

Order – Order number

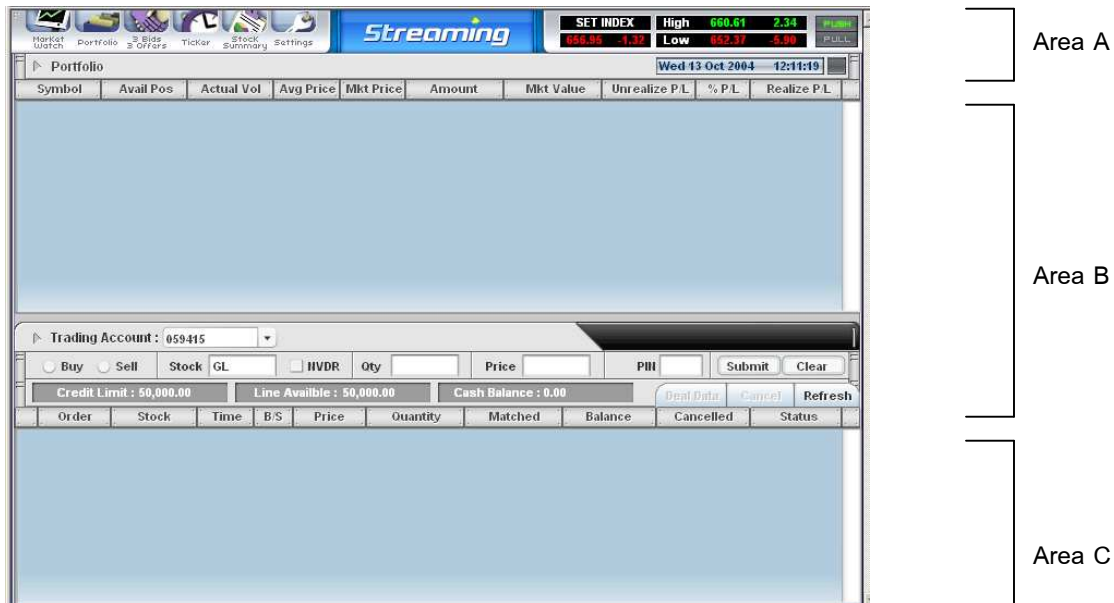
Stock – Stock Symbol

- Time – Time of placing order
- B/S – B (BUY) and S (SELL)
- Price – The OFFER or BID price
- Quantity – Volume of securities
- Matched – Matched securities
- Balance – Volume of not matched securities
- Cancelled – Volume of canceled securities
- Status – Order Status (More details at Help Page in ToolBox)

To learn more about canceling the order placing (only unmatched order), click to mark the box in front of order number. And then you just click “Cancel” menu in Area B, and don’t forget to input Pin number. If you want to cancel more than one order placing, just mark many boxes at the same time. (See picture below)



Portfolio



The main priority in Portfolio is to show your securities price at average cost and adjust itself to the market price (Called Mark to market), it separates into 3 areas as follows:

- Area A See Market Watch in Part I (Content is the same)
- Area B Show all securities in your portfolio
- Area C See Market Watch in Part III (Content is the same)

Area A To select the portfolio menu, click 2nd icon named Portfolio

Area B All securities will show in the table and adjust securities price compared to the market price (Mark to market). It's also calculate the unrealized profit / loss and also in percentage (%).

Portfolio										15:09:08
Symbol	Avail Pos	Actual Vol	Avg Price	Mkt Price	Amount	Mkt Value	Unrealize P/L	% P/L	Realize P/L	
BBL	50,000	50,000	55.50	87.00	2,775,000	4,350,000	1,575,000.00	56.76	0.00	
CPF	50,000	50,000	3.86	3.68	193,000	184,000	-8,999.99	-4.66	0.00	
DOI	50,000	50,000	1.82	0.00	91,000	0	-91,000.00	-100.00	0.00	
ITV	50,000	50,000	6.80	12.20	340,000	610,000	269,999.97	79.41	0.00	
JASMIN	50,000	50,000	6.40	0.00	320,000	0	-320,000.00	-100.00	0.00	
KGI	50,000	50,000	1.70	2.92	85,000	146,000	61,000.00	71.76	0.00	
LH	50,000	50,000	7.55	8.30	377,500	415,000	37,500.00	9.93	0.00	
NFS	50,000	50,000	12.70	11.80	635,000	590,000	-44,999.98	-7.09	0.00	
SHIN	50,000	50,000	16.40	35.25	820,000	1,762,500	942,500.00	114.94	0.00	
TMB	50,000	50,000	4.30	3.08	215,000	154,000	-61,000.01	-28.37	0.00	

Symbol	Stock Symbol
Avail Pos	Available possibility stock to sell
Actual Vol	Actual securities (Avail Pos plus unmatched order)
Avg Price	Average securities cost (First – in / First - Out method)
Mkt Price	Market price
Amount	Cost value in Baht
Mkt Value	Market value in Baht
Unrealize P/L	Unrealized profit / loss
% P/L	Unrealize P/L in percentage
Realize P/L	Realize profit / loss

Area C See Market Watch in Part III (Content is the same)

3 Bids / 3 Offers

The screenshot shows a trading platform interface. At the top, there's a 'Streaming' logo and a 'SET INDEX' section. Below that, a 'Select to view: Favourite 1' dropdown is visible. The main area is filled with a grid of 12 securities, each displaying a table of 3 bids and 3 offers. The bottom section includes a 'Trading Account' summary and a table for order management.

Area A

Area B

Area C

After launching 3 Bids / 3 Offers price page, it shows best 3 bids and best 3 offer price in each securities by volume and price. This feature also compose of 3 areas as follows :

Area A See Market Watch in Part I (Content is the same)

Area B Show each securities in 3 Bids / 3 Offers price

Area C See Market Watch in Part III (Content is the same)

Area A To select the portfolio menu, click 3rd icon named 3 Bids / 3 Offers

Area B It shows best 3 Bids and 3 Offers price of 6 securities in the same page related to your setting favourite in Market Watch main page.

Symbol	Average	Last	Change	%Change	Volume	Symbol	Average	Last	Change	%Change	Volume
AMARIN	2.38	2.38	0.00	0.00	30000	ITD	8.94	8.80	-0.18	-1.12	18892400
Vol	Bid	Offer	Vol	Floor	Ceiling	BMLINK	3.22	3.16	-0.08	-2.48	2065400
80000	2.36	2.42	13000	1.47	3.08	Vol	Bid	Offer	Vol	Floor	Ceiling
84000	2.34	2.44	36200			25000	3.14	3.18	22400	2.28	4.20
89000	2.32	2.46	32000			98000	3.12	3.18	10000		
				Chart		100300	3.10	3.20	60000		

Symbol Stock Symbol

Average Average Buy/Sell in a trading day

Last The last execute price in a trading day

Change The change of last price in a trading day compared to close price of last trading day

% Change Percentage of Change

Volume Stock trading volume in a trading day

Vol Volume of 3 best Bid / 3 best Offer price

Bid 3 best Bid price

Offer 3 best Offer price

Ceiling The highest possibility of securities price in a trading day

Floor The lowest possibility of securities price in a trading day

Favourite Selection

To select the favourite click Select to view



Next Page

At the first page of 3 Bids / 3 Offer page, it can show only 6 securities. To view more 4 securities, click at “Next page” (See the picture)



The screenshot shows a financial data table with columns: Symbol, Average, Last, Change, %Change, and Volume. The 'Next page >>' button is circled in blue.

Symbol	Average	Last	Change	%Change	Volume
BBL	94.06	93.50	-1.00	-1.06	2017000
Vol	Bid	Offer	Vol	Floor	Ceiling
305800	93.50	94.00	247500	66.50	122.00
519100	93.00	94.50	507600		
177200	92.50	95.00	1220200		

Or click “Previous Page” to view first page of 3 bids / 3 offer



The screenshot shows a financial data table with columns: Symbol, Average, Last, Change, %Change, and Volume. The '<< Previous page' button is circled in blue.

Symbol	Average	Last	Change	%Change	Volume
SSI	27.98	27.50	-0.25	-0.90	3521200
Vol	Bid	Offer	Vol	Floor	Ceiling
375500	27.25	27.50	25300	19.50	36.00
277000	27.00	27.75	387300		
202500	26.75	28.00	523800		

At symbol, you can change any stock symbol

Add the securities in “Manual”

As select to view menu named “Manual”, you can insert the stock symbol into blank box (See the picture)



The screenshot shows a financial data table with columns: Symbol, Average, Last, Change, %Change, and Volume. The 'Manual' option is selected in the 'Select to view' menu.

Symbol	Average	Last	Change	%Change	Volume
Vol	Bid	Offer	Vol	Floor	Ceiling

1. Insert the Stock symbol in the blank area, then ENTER



The screenshot shows a financial data table with columns: Symbol, Average, Last, Change, %Change, and Volume. The 'BBL' stock symbol is entered in the Symbol field.

Symbol	Average	Last	Change	%Change	Volume
BBL					
Vol	Bid	Offer	Vol	Floor	Ceiling

2. Streaming will show securities quote



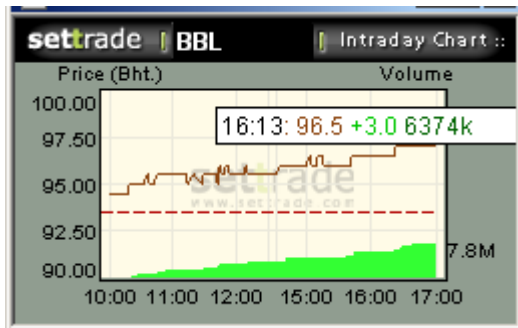
The screenshot shows a web interface with a tabbed menu at the top containing 'watch', 'orders', and 'summary'. Below the menu is a dropdown menu set to 'Manual' and a 'Next page >>' button. The main content is a table with columns: Symbol, Average, Last, Change, %Change, and Volume. The first row shows 'BBL' with values: Average 93.98, Last 93.50, Change -1.00, %Change -1.06, and Volume 2321300. Below this is a second table with columns: Vol, Bid, Offer, Vol, Floor, and Ceiling. The first row of this second table shows: Vol 531400, Bid 93.00, Offer 93.50, Vol 1600, Floor 86.50, and Ceiling 122.00. The second row shows: Vol 177200, Bid 92.50, Offer 94.00, Vol 197500, Floor, and Ceiling. The third row shows: Vol 263000, Bid 92.00, Offer 94.50, Vol 405600, Floor, and Ceiling. A 'Chart' button is located to the right of the second table.

Symbol	Average	Last	Change	%Change	Volume
BBL	93.98	93.50	-1.00	-1.06	2321300

Vol	Bid	Offer	Vol	Floor	Ceiling
531400	93.00	93.50	1600	86.50	122.00
177200	92.50	94.00	197500		
263000	92.00	94.50	405600		

Intraday graph

Click “Chart” to view the Intraday graph (See picture below)



Area C

See Market Watch in Part III (Content is the same)

Market Ticker

The screenshot displays the Streaming Market Ticker interface. At the top, there's a navigation bar with icons for Market Watch, Portfolio, Bids, Offers, Ticker, Stock Summary, and Settings. The 'Streaming' logo is prominently displayed. To the right, the SET INDEX is shown with an Open value of 8.71. Below this, the date and time are Wed 13 Oct 2004 12:14:10.

The main area (Area B) is divided into three columns, each containing a table of securities. Each table has columns for Symbol, Side, Volume, Price, and Change. The first column lists securities like CK-WI, CK-WI, CK-WI, etc. The second column lists ASP, ASP, ASP, etc. The third column lists AREEYA, TKS, VNT, etc. The fourth column lists CK-WI, CK-WI, CK-WI, etc. The fifth column lists CK-WI, CK-WI, CK-WI, etc. The sixth column lists CK-WI, CK-WI, CK-WI, etc. The seventh column lists CK-WI, CK-WI, CK-WI, etc. The eighth column lists CK-WI, CK-WI, CK-WI, etc. The ninth column lists CK-WI, CK-WI, CK-WI, etc. The tenth column lists CK-WI, CK-WI, CK-WI, etc. The eleventh column lists CK-WI, CK-WI, CK-WI, etc. The twelfth column lists CK-WI, CK-WI, CK-WI, etc. The thirteenth column lists CK-WI, CK-WI, CK-WI, etc. The fourteenth column lists CK-WI, CK-WI, CK-WI, etc. The fifteenth column lists CK-WI, CK-WI, CK-WI, etc. The sixteenth column lists CK-WI, CK-WI, CK-WI, etc. The seventeenth column lists CK-WI, CK-WI, CK-WI, etc. The eighteenth column lists CK-WI, CK-WI, CK-WI, etc. The nineteenth column lists CK-WI, CK-WI, CK-WI, etc. The twentieth column lists CK-WI, CK-WI, CK-WI, etc. The twenty-first column lists CK-WI, CK-WI, CK-WI, etc. The twenty-second column lists CK-WI, CK-WI, CK-WI, etc. The twenty-third column lists CK-WI, CK-WI, CK-WI, etc. The twenty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The twenty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The twenty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The twenty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The twenty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The twenty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The thirtieth column lists CK-WI, CK-WI, CK-WI, etc. The thirty-first column lists CK-WI, CK-WI, CK-WI, etc. The thirty-second column lists CK-WI, CK-WI, CK-WI, etc. The thirty-third column lists CK-WI, CK-WI, CK-WI, etc. The thirty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The thirty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The thirty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The thirty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The thirty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The thirty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The fortieth column lists CK-WI, CK-WI, CK-WI, etc. The forty-first column lists CK-WI, CK-WI, CK-WI, etc. The forty-second column lists CK-WI, CK-WI, CK-WI, etc. The forty-third column lists CK-WI, CK-WI, CK-WI, etc. The forty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The forty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The forty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The forty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The forty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The forty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The fiftieth column lists CK-WI, CK-WI, CK-WI, etc. The fifty-first column lists CK-WI, CK-WI, CK-WI, etc. The fifty-second column lists CK-WI, CK-WI, CK-WI, etc. The fifty-third column lists CK-WI, CK-WI, CK-WI, etc. The fifty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The fifty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The fifty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The fifty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The fifty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The fifty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The sixtieth column lists CK-WI, CK-WI, CK-WI, etc. The sixty-first column lists CK-WI, CK-WI, CK-WI, etc. The sixty-second column lists CK-WI, CK-WI, CK-WI, etc. The sixty-third column lists CK-WI, CK-WI, CK-WI, etc. The sixty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The sixty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The sixty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The sixty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The sixty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The sixty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The seventieth column lists CK-WI, CK-WI, CK-WI, etc. The seventy-first column lists CK-WI, CK-WI, CK-WI, etc. The seventy-second column lists CK-WI, CK-WI, CK-WI, etc. The seventy-third column lists CK-WI, CK-WI, CK-WI, etc. The seventy-fourth column lists CK-WI, CK-WI, CK-WI, etc. The seventy-fifth column lists CK-WI, CK-WI, CK-WI, etc. The seventy-sixth column lists CK-WI, CK-WI, CK-WI, etc. The seventy-seventh column lists CK-WI, CK-WI, CK-WI, etc. The seventy-eighth column lists CK-WI, CK-WI, CK-WI, etc. The seventy-ninth column lists CK-WI, CK-WI, CK-WI, etc. The eightieth column lists CK-WI, CK-WI, CK-WI, etc. The eighty-first column lists CK-WI, CK-WI, CK-WI, etc. The eighty-second column lists CK-WI, CK-WI, CK-WI, etc. The eighty-third column lists CK-WI, CK-WI, CK-WI, etc. The eighty-fourth column lists CK-WI, CK-WI, CK-WI, etc. The eighty-fifth column lists CK-WI, CK-WI, CK-WI, etc. The eighty-sixth column lists CK-WI, CK-WI, CK-WI, etc. The eighty-seventh column lists CK-WI, CK-WI, CK-WI, etc. The eighty-eighth column lists CK-WI, CK-WI, CK-WI, etc. The eighty-ninth column lists CK-WI, CK-WI, CK-WI, etc. The ninetieth column lists CK-WI, CK-WI, CK-WI, etc. The ninety-first column lists CK-WI, CK-WI, CK-WI, etc. The ninety-second column lists CK-WI, CK-WI, CK-WI, etc. The ninety-third column lists CK-WI, CK-WI, CK-WI, etc. The ninety-fourth column lists CK-WI, CK-WI, CK-WI, etc. The ninety-fifth column lists CK-WI, CK-WI, CK-WI, etc. The ninety-sixth column lists CK-WI, CK-WI, CK-WI, etc. The ninety-seventh column lists CK-WI, CK-WI, CK-WI, etc. The ninety-eighth column lists CK-WI, CK-WI, CK-WI, etc. The ninety-ninth column lists CK-WI, CK-WI, CK-WI, etc. The hundredth column lists CK-WI, CK-WI, CK-WI, etc.

Area A: Navigation bar and SET INDEX.

Area B: Main data table with columns for Symbol, Side, Volume, Price, and Change.

Area C: Trading controls including Buy/Sell buttons, Stock/PTT, IVDR, Qty, Price, PIII, Submit, Clear, Credit Limit, Line Available, Cash Balance, Deal Data, Cancel, Refresh, and a table with columns for Order, Stock, Time, B/S, Price, Quantity, Matched, Balance, Cancelled, and Status.

As part of Ticker page, Streaming will show all real-time matched securities in the exchanged market that there are 3 areas in Ticker.

- Area A See Market Watch in Part I (Content is the same)
- Area B To view all matched securities in real-time quotes
- Area C See Market Watch in Part III (Content is the same)

Area A To select Ticker page, click 4th icon named “Ticker”

Area B Ticker will show all matched securities in details and real-time. It contains of 3 rows, which each row has 23 securities. The highlight bar means last matched securities. (See the picture below)

Symbol	Side	Volume	Price	Change	Symbol	Side	Volume	Price	Change	Symbol	Side	Volume	Price	Change
SATTEL	B	10000	13.40	+0.09	SONTEC	B	10000	1.95	-0.03	IT&T	S	6000	3.44	-0.06
SATTEL	B	10000	13.40	+0.09	SONTEC	B	10000	1.94	-0.03	ZMICO-W3	B	9300	4.30	+0.50
SATTEL	B	8000	13.40	+0.09	TT&T	B	10000	3.44	-0.06	ZMICO-W3	B	12000	4.30	+0.50
SATTEL	B	1000	13.40	+0.09	TT&T	B	30000	3.44	-0.06	ZMICO-W3	B	20700	4.30	+0.50
SATTEL	B	4000	13.40	+0.09	BGH	B	3200	13.30	+0.49	SIM	B	4400	11.80	-0.09
SATTEL	B	42300	13.40	+0.09	SATTEL	B	3700	13.40	+0.09	SIM	B	600	11.80	-0.09
TT&T	B	30000	3.44	-0.06	SATTEL	B	6300	13.40	+0.09	ASIAN	S	9000	4.98	+0.05
ITD	B	16400	7.90	-0.45	DTM	B	50000	1.13	-0.07	TT&T	B	20000	3.44	-0.06
ITD	B	500	7.90	-0.45	DTM	B	100000	1.13	-0.07	AGR	B	10000	2.90	-0.11
ITD	B	33100	7.90	-0.45	DTM	B	46000	1.13	-0.07	TT&T	B	10000	3.44	-0.06
ASIAN	S	12000	4.98	+0.05	TRUE	B	5000	4.98	-0.04	IT	B	10000	5.60	+0.10
TASCO	B	1800	24.30	+0.09	ACORN	S	300	48.24	-0.75	IT	B	10000	5.60	+0.10
TASCO	B	1000	24.30	+0.09	TOC	B	10000	55.00	+0.50	IT	B	10000	5.60	+0.10
TT&T	B	30000	3.44	-0.06	SIM	B	4400	11.80	-0.09	MLBK	B	5700	3.28	-1.31
SATTEL	B	7700	13.40	+0.09	SIM	B	5000	11.80	-0.09	MLBK	B	4300	3.28	-1.31
SATTEL	B	1000	13.40	+0.09	TRUE	B	5000	4.98	-0.04	CWT	B	200	20.80	+0.09
SATTEL	B	1300	13.40	+0.09	TT&T	B	6000	3.44	-0.06	CWT	B	800	20.80	+0.09
N-PARK	B	119500	1.47	-2.86	TT&T	B	3000	3.44	-0.06	TT&T	B	8000	3.44	-0.06
TT&T	B	20000	1.47	-2.86	TT&T	B	10000	3.44	-0.06	ASP	B	2000	75.00	+2.00
N-PARK	B	60500	1.47	-2.86	TT&T	B	20000	3.44	-0.06	SATTEL	B	17600	13.40	+0.09
MA	B	10000	29.75	-0.75	TT&T	B	5000	3.44	-0.06	SATTEL	B	2500	13.40	+0.09
TT&T	B	10000	3.44	-0.06	SKR	B	1400	7.45	+1.90	SATTEL	B	1600	13.40	+0.09
TTA	B	500	30.75	+1.00	SKR	B	100	7.50	+0.05	SATTEL	B	3000	13.40	+0.09

Symbol Stock symbol

Side B (BUY) or S (SELL)

Volume Volume of matched securities at a moment of time

Price Executed price or Deal price

Change The change of last price in a trading day compared to close price of last trading day

Area C See Market Watch in Part III (Content is the same)

Stock Summary



Stock Summary is the important page of Streaming, which contains a security in real-time details: 3 Bids / 3 Offers, Average Volume Buy/Sell, Ticker of a security, Buy & Sell Volume by price, Intraday graph and etc.

Part I See Market Watch in Part I (Content is the same)

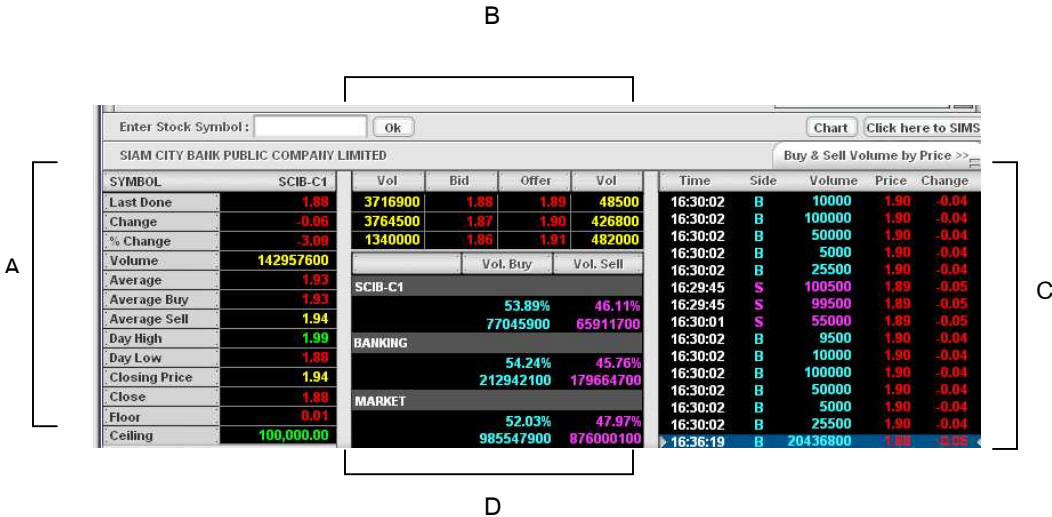
Part II To view the details of a security

Part III See Market Watch in Part III (Content is the same)

Part I To select Ticker page, click 5th icon named “Stock Summary”

Part II There are 2 types in Stock summary as Type 1 and Type 2

Type 1 Picture below shows that Ticker separates into 4 areas



Area A shows stock information as follows:

SYMBOL	BBL
Last Done	90.00
Change	+1.00
% Change	+1.12
Volume	3011400
Average	89.64
Average Buy	89.76
Average Sell	89.46
Day High	90.50
Day Low	89.00
Closing Price	89.00
Open 2	89.00
Floor	62.50
Ceiling	115.00

Symbol	Stock symbol
Last Done	Last executed price
Change	The change of last price in a trading day compared to close price of last trading day
% Change	Percentage of Change
Volume	Volume of matched securities at a moment of time
Average	The average of Buy/Sell price in a trading day
Average Buy	The average price of Buy Volume

Average Sell The average price of Sell Volume

Day High Highest executed price in a trading day

Day Low Lowest executed price in a trading day

Closing Price Closing price in last trading day

Open 1 (Open 2) Open price in the morning session (10.00 – 12.30) and the evening session (14.30 – 16.30)

Ceiling The highest possibility of securities price in a trading day

Floor The lowest possibility of securities price in a trading day

Area B 3 Bids / 3 Offers

Vol	Bid	Offer	Vol
337600	89.50	90.00	207000
615100	89.00	90.50	147200
427400	88.50	91.00	136700

Vol A stock volume 3 Bids / 3 Offers

Bid BID price in baht

Offer Offer price in baht

Area C Ticker of a security shows matched stock information

Time	Side	Volume	Price	Change
16:30:02	B	10000	1.90	-0.04
16:30:02	B	100000	1.90	-0.04
16:30:02	B	50000	1.90	-0.04
16:30:02	B	5000	1.90	-0.04
16:30:02	B	25500	1.90	-0.04
16:29:45	S	100500	1.89	-0.05
16:29:45	S	99500	1.89	-0.05
16:30:01	S	55000	1.89	-0.05
16:30:02	B	9500	1.90	-0.04
16:30:02	B	10000	1.90	-0.04
16:30:02	B	100000	1.90	-0.04
16:30:02	B	50000	1.90	-0.04
16:30:02	B	5000	1.90	-0.04
16:30:02	B	25500	1.90	-0.04
16:36:19	B	20436800	1.89	-0.05

Time Time of executed securities information

Side B (BUY) or S (SELL)

Volume Stock Volume of Buy / Sell

Price Executed price

Change The change of last price in a trading day compared to close price of last trading day

Area D Area D completely contains a securities Volume, Sector Volume, Market Volume which shows in both Buy / Sell side and the term of percentage.



1340000	1.88	1.91	482000
	Vol. Buy	Vol. Sell	
SCIB-C1	53.89%	46.11%	
	77045900	65911700	
BANKING	54.24%	45.76%	
	212942100	179664700	
MARKET	52.03%	47.97%	
	985547900	876000100	

Vol Buy Volume Buy of a security, sector, overall market and percentage

Vol Sell Volume Sell of a security, sector, overall market and percentage

Type 2 Picture below shows 2 main areas as follows:

Enter Stock Symbol:

Ok

Chart

Click here to SIMS

PTT PUBLIC COMPANY LIMITED

<< Back

SYMBOL	PTT	# Executed	Buy Volume	Price	Sell Volume	# Executed	Total	%Total
Last Done	177.00	9	239,700	181.00			239,700	2.27
Change	-4.00	1	500	180.00	75,200	40	75,700	0.72
% Change	-2.21	117	235,400	178.00	201,500	87	436,900	4.14
Volume	10649598	382	977,600	178.00	1,018,200	360	1,995,800	18.89
Average	177.26	759	3,796,200	177.00	2,786,900	831	6,583,100	62.31
Average Buy	177.38	115	314,000	176.00	908,000	401	1,222,000	11.57
Average Sell	177.14			175.00	12,300	8	12,300	0.12
Day High	181.00	Total Buy		5,563,400	52.66 %	Total Sell		5,002,100
Day Low	175.00							47.34 %
Closing Price	181.00							100.00
Close	177.00							
Floor	124.00							
Ceiling	230.00							

Area A See Type 1 – Area A (Content is the same)

Area B Trading volume in each price executed level (See the picture below)

Ok

Chart

Click here to SIMS

<< Back

# Executed	Buy Volume	Price	Sell Volume	# Executed	Total	%Total
9	239,700	181.00			239,700	2.27
1	500	180.00	75,200	40	75,700	0.72
117	235,400	179.00	201,500	67	436,900	4.14
382	977,600	178.00	1,018,200	360	1,995,800	18.89
759	3,796,200	177.00	2,786,900	831	6,583,100	62.31
115	314,000	176.00	908,000	401	1,222,000	11.57
		175.00	12,300	8	12,300	0.12
Total Buy	5,563,400	52.66 %	Total Sell	5,002,100	47.34 %	100.00

Executed, Buy Volume

Number of transactions and Buy volume in each executed price

Price

Each executed price

Sell Volume, # Executed

Number of transactions and Sell volume in each executed price

Total

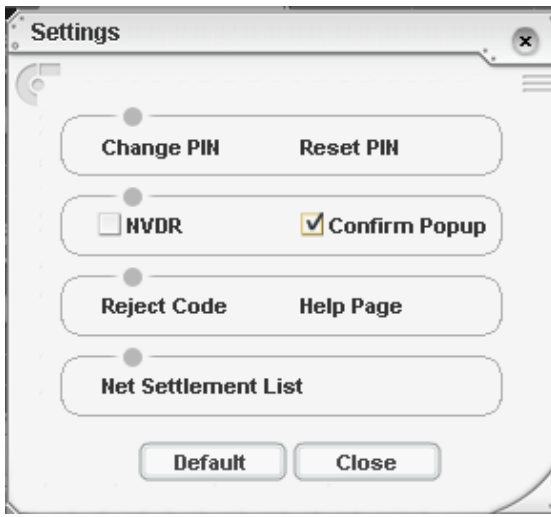
Total volume in each executed price

% Total

Total in percentage

Settings

To select Setting page, click 6th icon named “Settings” in Part I of Market Watch

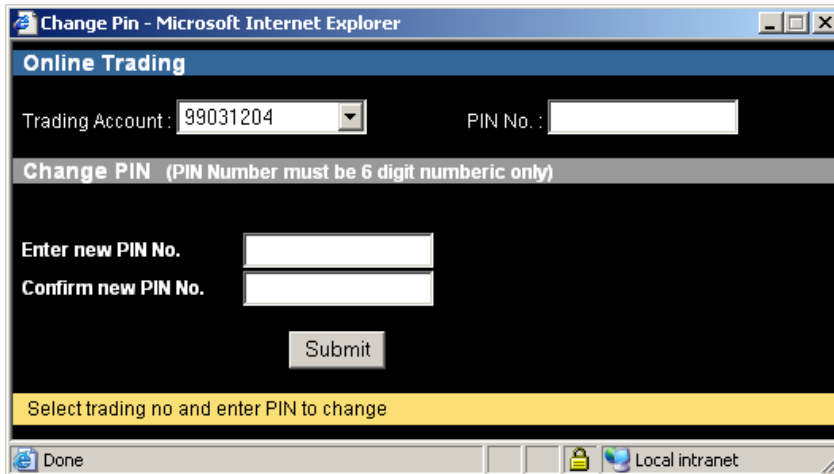


Surely, Streaming Settings composes of 7 sub-menus: Change PIN, Reset PIN, NVDR, Confirm Popup, Reject Code, Help Page, and Net Settlement List

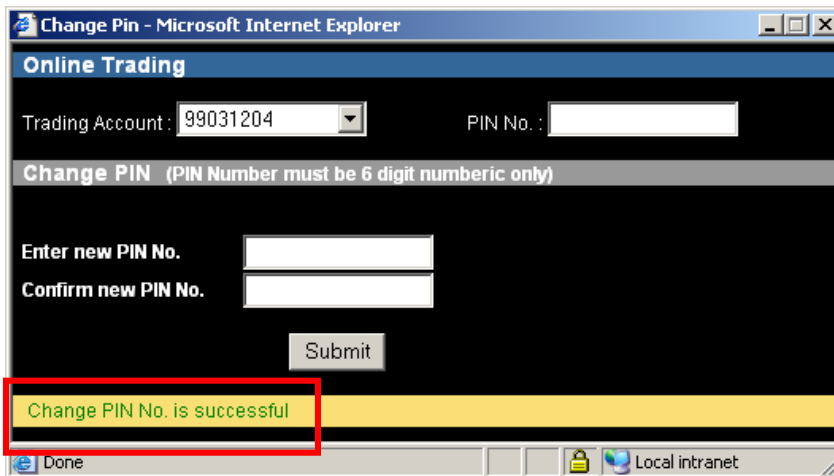
Change PIN

You can change the default PIN number (or Trading password) as follows:

1. Click “Change PIN” to launch the new window (See picture below)



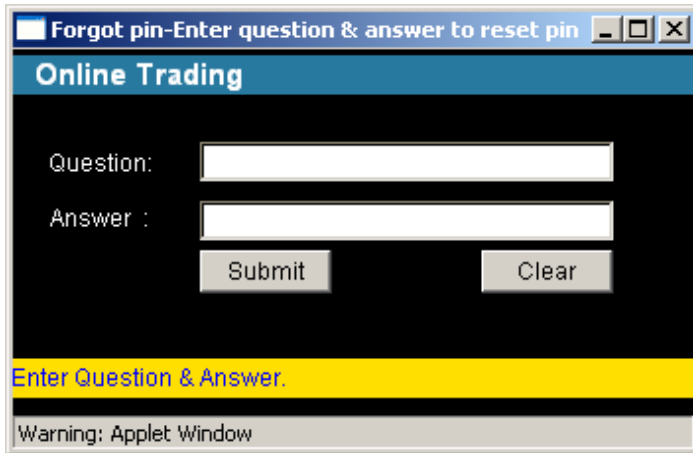
2. Insert the current PIN number
3. Insert new PIN number
4. Repeat your new PIN number
5. Press "Submit or ENTER
6. Successfully process, it will show new window (See picture below)



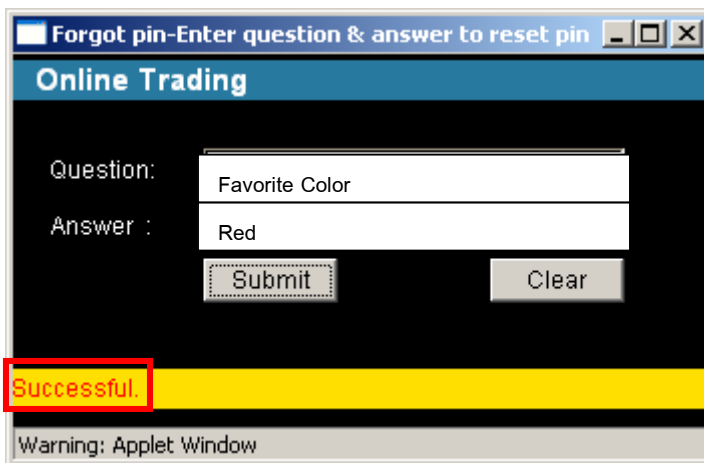
Reset PIN

To Reset PIN, you must proceed as follows:

1. Press "Reset PIN", it will show new window (See the picture below)



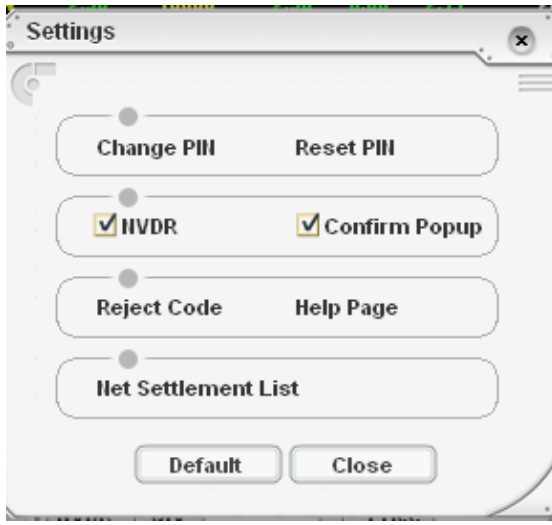
2. Key in your setting question (As getting open account)
3. Key in your answer (As getting open account)
4. Press "Submit or ENTER
5. Successfully process, it will show new window (See picture below)



NVDR

To setup of your trading stock type, just mark the NVDR box

1. Mark the box in front of "NVDR"
2. Your mark will show in the box (See the picture below)



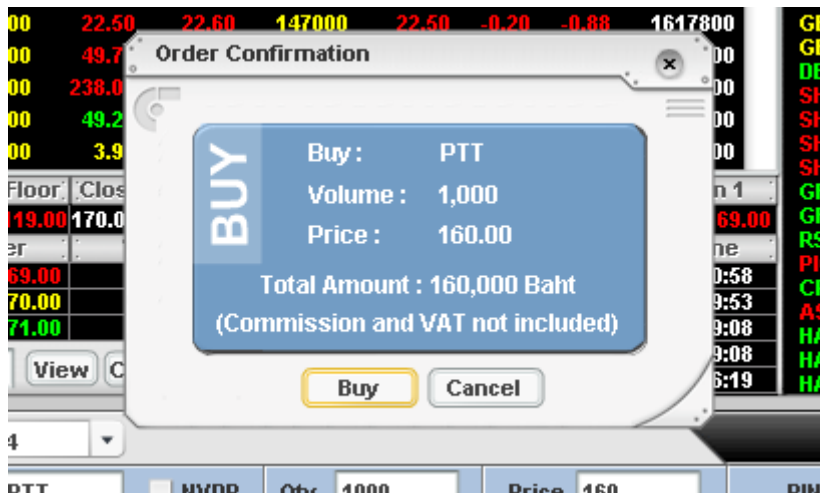
3. You will the mark of NVDR's box (See the picture below)



Currently, the default of Streaming will not mark on NVDR's box. So, if you buy any securities, it will not be the NVDR type. To cancel the NVDR type setting, you must unmark the box and close the window.

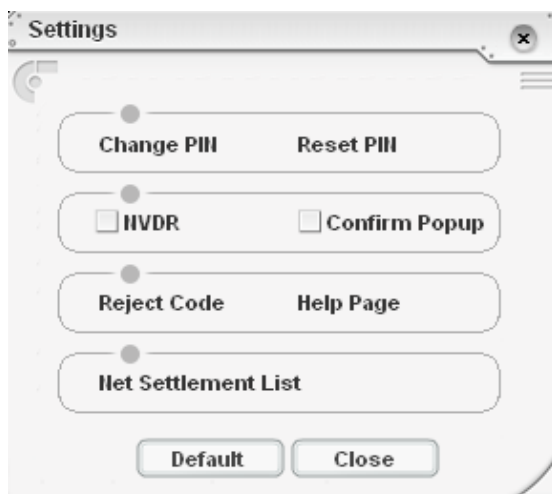
Confirm Popup

Fortunately, confirm popup will help you to ensure the placing order in all cases including Buy/Sell order, Cancel order. Confirm popup still also confirm you again before final decision-making. If you are sure, then click "OK". (Streaming will default to have Confirm Popup) (See the picture below)



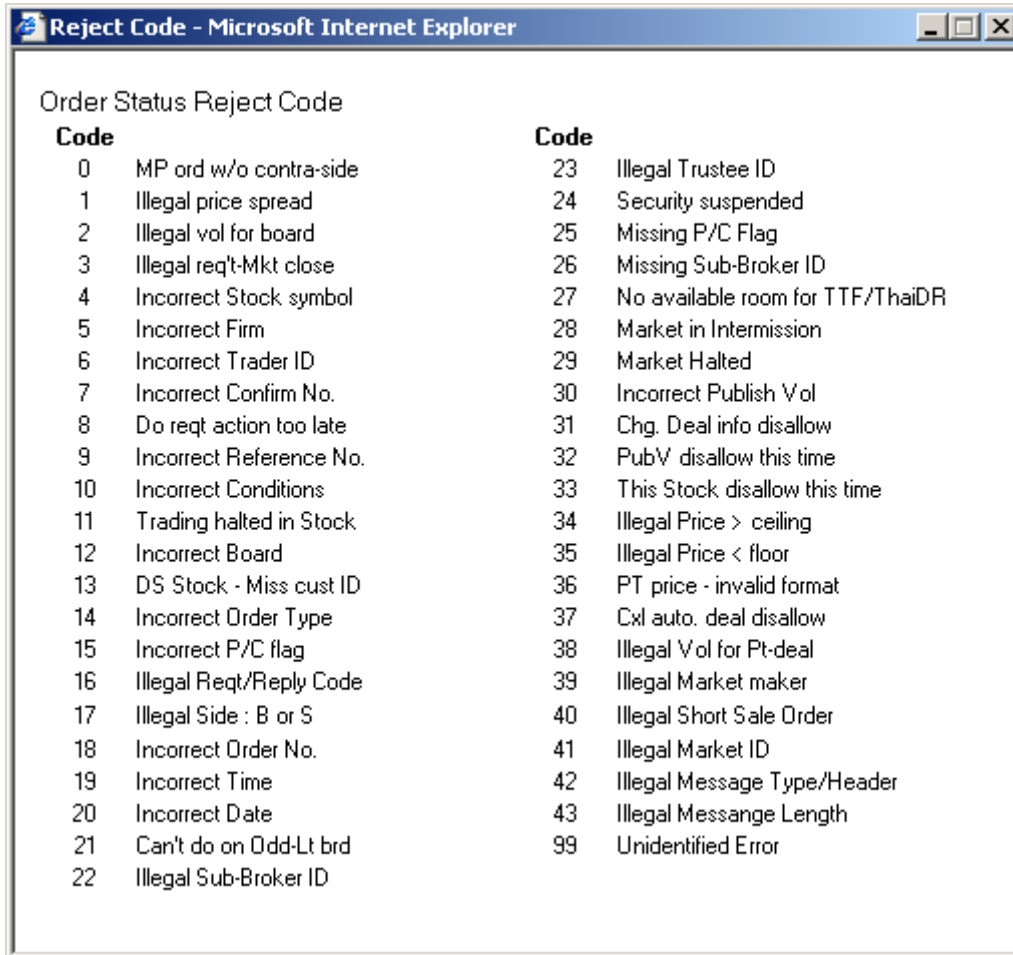
To abort Confirm Popup, you must process the steps as follows:

1. Unmark the box in front of Confirm Popup
2. The mark will be erased (See the picture below)



Reject Code

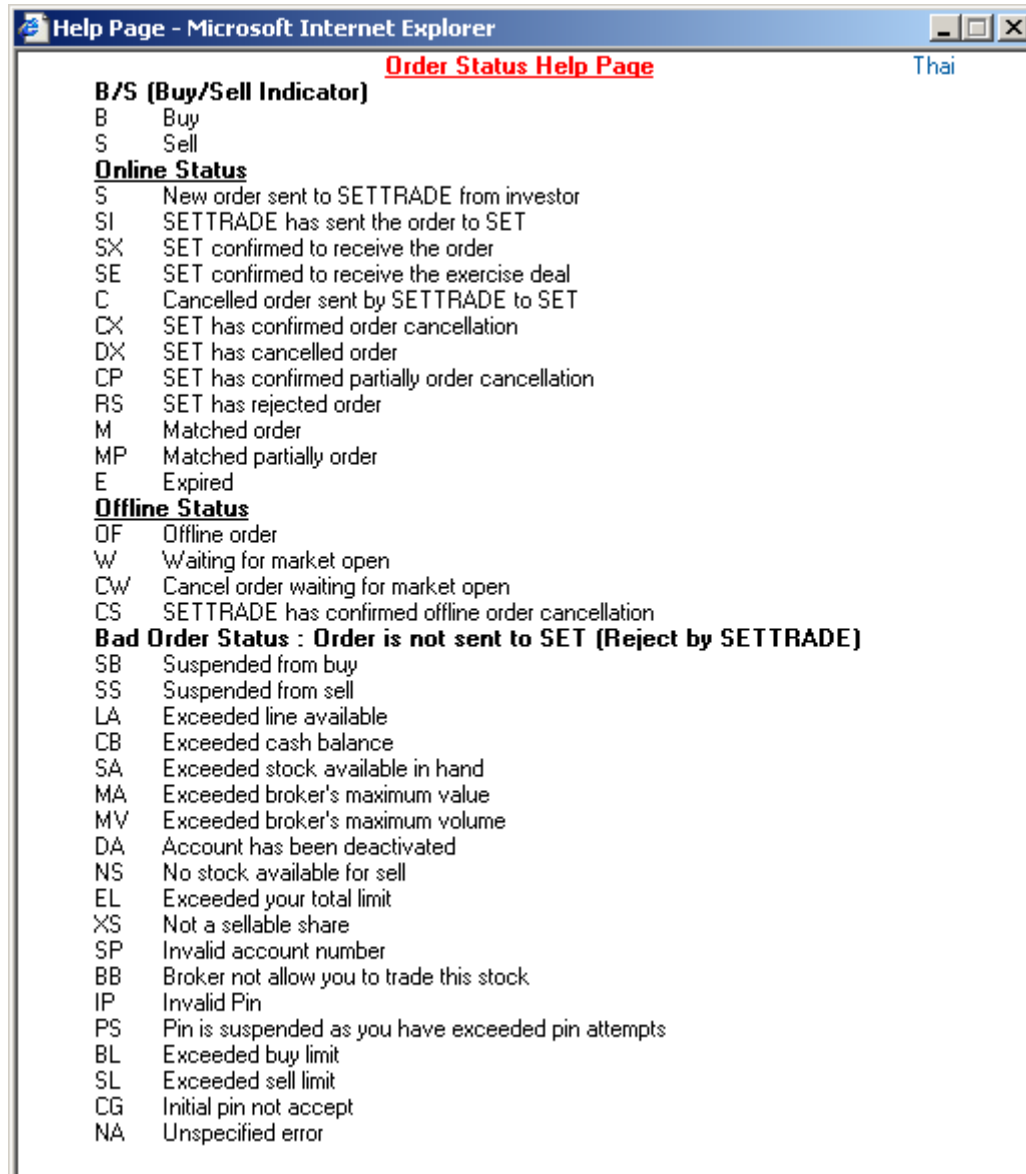
Understanding, Reject Codes will stand for order status rejected messages of trading system or Streaming. Press "Reject Code" to open the new window (See the table below)



Code	Description	Code	Description
0	MP ord w/o contra-side	23	Illegal Trustee ID
1	Illegal price spread	24	Security suspended
2	Illegal vol for board	25	Missing P/C Flag
3	Illegal req't-Mkt close	26	Missing Sub-Broker ID
4	Incorrect Stock symbol	27	No available room for TTF/ThaiDR
5	Incorrect Firm	28	Market in Intermission
6	Incorrect Trader ID	29	Market Halted
7	Incorrect Confirm No.	30	Incorrect Publish Vol
8	Do reqt action too late	31	Chg. Deal info disallow
9	Incorrect Reference No.	32	PubV disallow this time
10	Incorrect Conditions	33	This Stock disallow this time
11	Trading halted in Stock	34	Illegal Price > ceiling
12	Incorrect Board	35	Illegal Price < floor
13	DS Stock - Miss cust ID	36	PT price - invalid format
14	Incorrect Order Type	37	Cxl auto. deal disallow
15	Incorrect P/C flag	38	Illegal Vol for Pt-deal
16	Illegal Req/Reply Code	39	Illegal Market maker
17	Illegal Side : B or S	40	Illegal Short Sale Order
18	Incorrect Order No.	41	Illegal Market ID
19	Incorrect Time	42	Illegal Message Type/Header
20	Incorrect Date	43	Illegal Message Length
21	Can't do on Odd-Lt brd	99	Unidentified Error
22	Illegal Sub-Broker ID		

Help Page

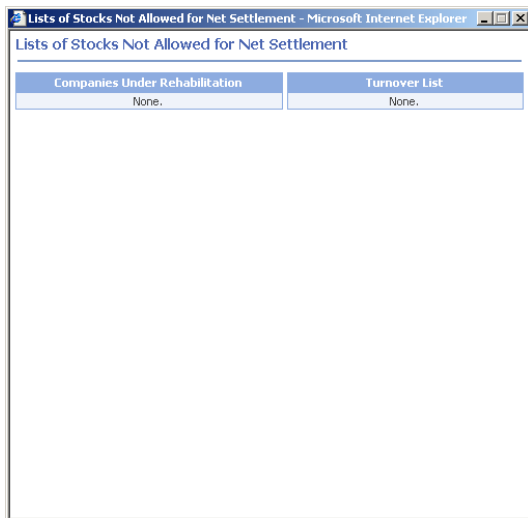
Understanding, Help Page is order status help page of trading system or Streaming. To view all help symbol, click “Help Page” to open the new window (See the table below)



If you want to change to Thai language, click “Thai” at top-right corner

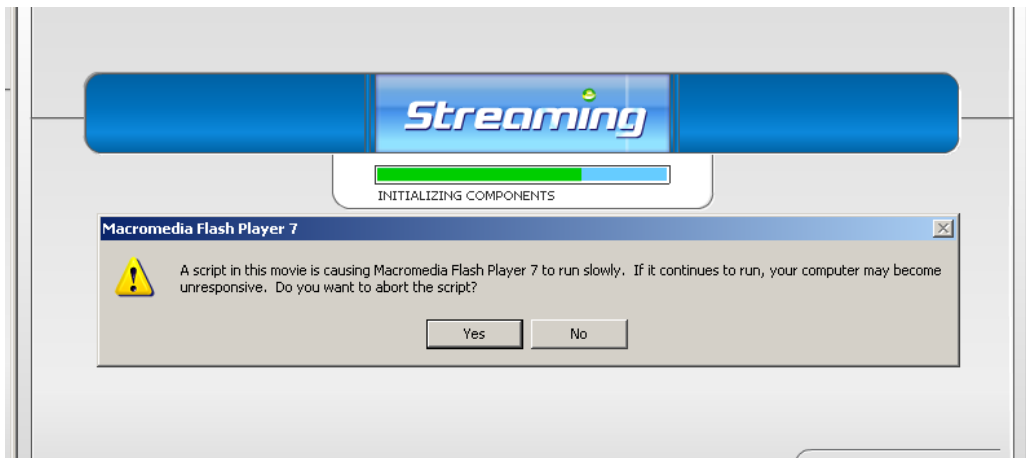
Net Settlement List

If there are any securities listed in Net Settlement List, you can not Buy & Sell securities in the same day. Click at “Net Settlement List” to open the new window (See the picture below)



Frequently Asked Questions (FAQs)

Q: If I find the message “A script in this movie is causing Macromedia Flash Player ...”, what should I do?



A: If you want to use Streaming, click “No”. But if you don’t, click “Yes” and close the Streaming window.

This message shows that your computer performance will be decreased if you open Streaming. This may be caused from (1) your computer is running too many programs in the same time or (2) your computer specification is under standard (See Hardware and Internet Connection page 5 for more details)

Q: If the Streaming cannot work perfectly, what should I do?

A: Try to check Macromedia Flash Player Version. If your Flash Player version is under 7.0, please download new version (7.0 or over) from “Download” section at www.settrade.com



Normally, Flash Player will be updated automatically when you open Streaming.

Troubleshooting

Q: If I have a problem using the Streaming, please follow these steps.

A: Check your ISP -> Download Flash Player -> Clear cache

1. Check your ISP

Launch Internet Explorer and try to access these websites:

www.google.com or www.yahoo.com or www.sanook.com If you cannot access these websites, the problem points to the Internet Service Provider (ISP), so please try to re-connect the Internet or change other ISPs (Recommend INET or TRUE at Hi-Speed Internet: ADSL or ISDN)

2. Download Flash Player

You can download Flash Player Version 7.0 or over from "Download" section at www.settrade.com

3. Clear Cache

Try to clear cache in your computer. Launch Internet Explorer -> Tools -> Internet Options -> Delete Cookies and click OK -> Delete Files (mark X at Delete all offline content) and click OK -> Settings, choose every visit to the page and click OK

Try to open the Streaming again, if the problem can't solve, please follow these steps as follows:

Contact your broker's staffs

Contact your broker's staffs and please inform them the details below:

- Window Version (My computer -> Properties)
- IE Version (Launch Internet Explorer -> Help -> About Internet Explorer)
- ISP (Internet Service Provider) or your Internet connection
- When will you face this problem?
- The screens of the problem (Press "Print-Screen" button -> Paste or press "Ctrl+V" in Microsoft Word -> Save files and send an e-mail or print and fax to brokers)