

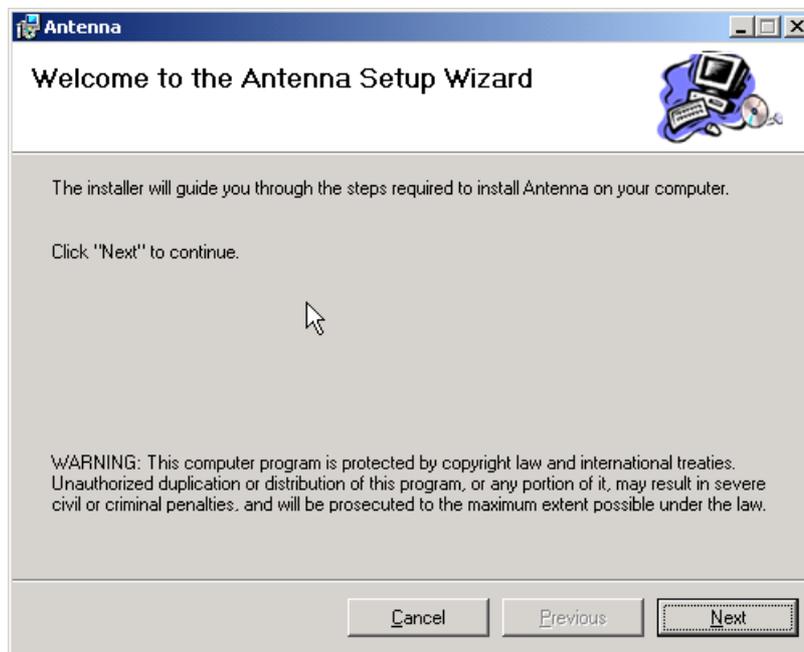
# **MetaStock RT Antenna**

## **Real time Program installation Guide**

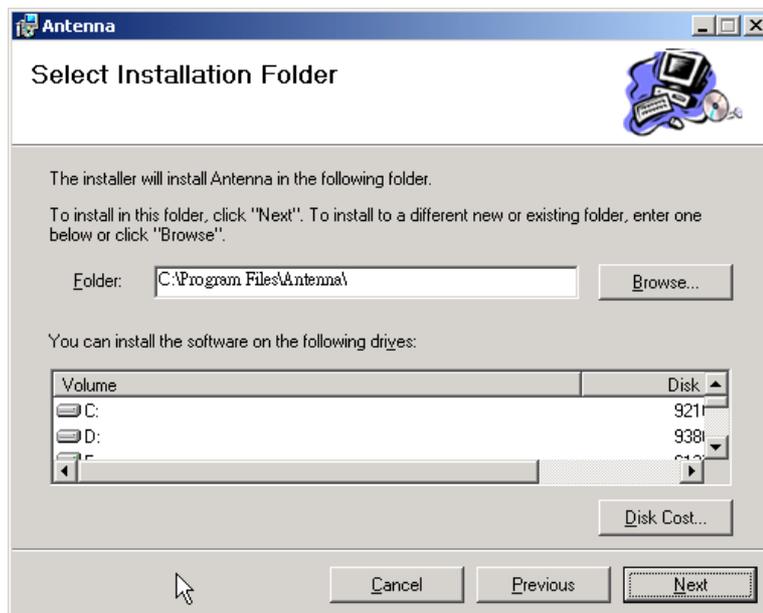
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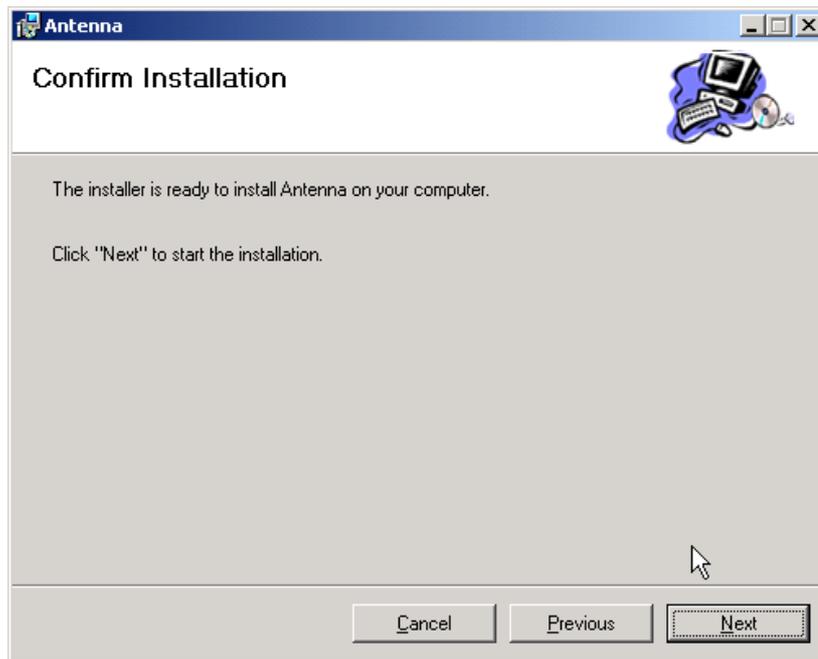
## Start Install the MS RT Antenna program

- 1) Double Click “Antenna.msi” to start install.  
(Inside the Data CD “realtime\_pro” folder)

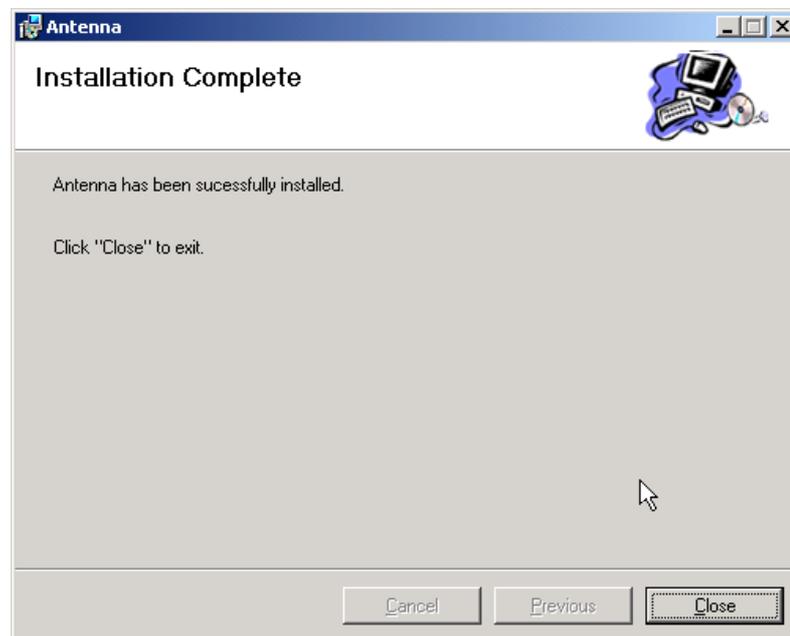


- 2) Press “Next” ◦

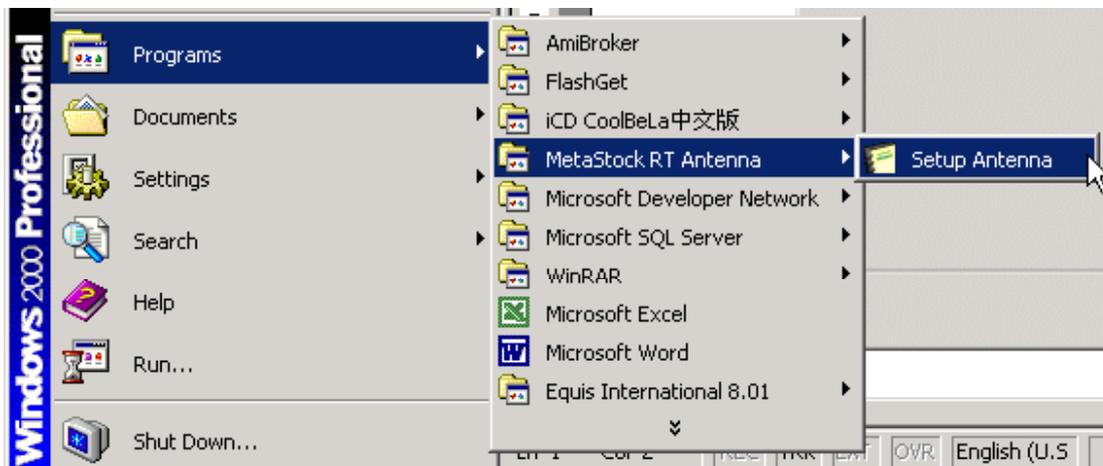




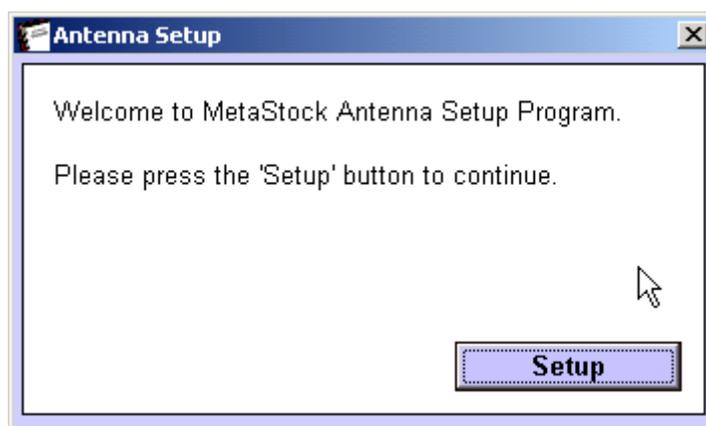
3) Press "Close"



- 4) Go to “Start” → “Program file” → “MetaStock RT Antenna” → “Setup Antenna”



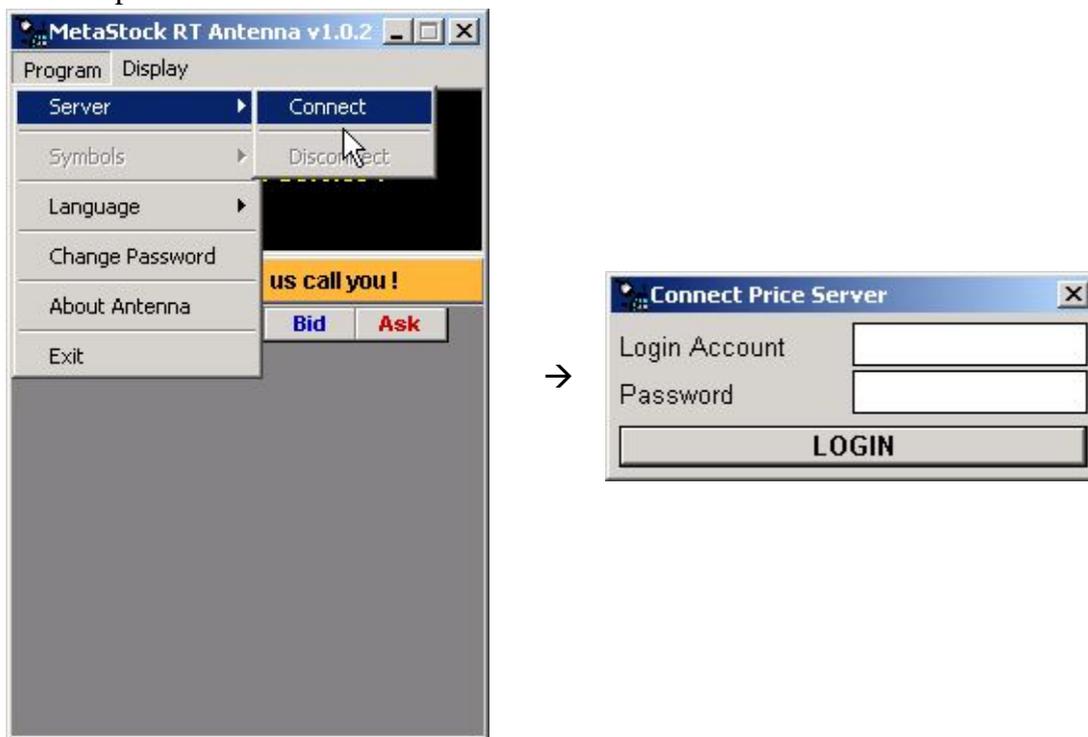
- 5) Press “Setup” to finished the installation.



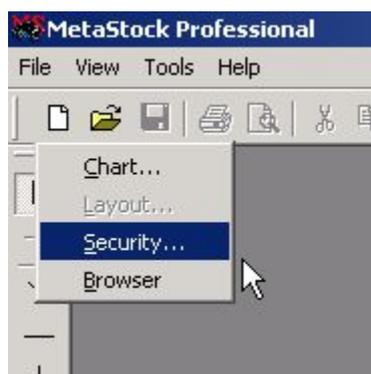
<< Finished Installation >>

## User Guide:

- 1) First, Your PC needs to connect to the Internet.
- 2) Run “MetaStock Professional” ---- Double Click MetaStock Pro icon ◦
- 3) MS RT Antenna will auto run out together.
- 4) Use Antenna Program connect to our data server:  
Click program → Server → Connect, then enter your Login Account and password ◦



- 5) Before you choose the symbol and confirm, please add new security from your MetaStock first.



This step you need to determine which interval that you want to use.

- 1) Set “Periodicity” to “intraday”
- 2) Choose “interval” to Tick, 1min, 5min, 6min, 10min, 15min, 20min, 30min or 60min.

### Remarks:

1. If you use tick to receive data, then some formula designed use Open, high, Low to do calculation maybe be can not run.
2. MetaStock data limited only 65500 records, more then this will be truncated.

You only need to setup:

Folder: Place Real-time data folder

Name: related symbol name

**\*\*Symbol: Symbol**

**(This Symbol must the same with the symbol list table )**

Periodicity: must choose "Intraday"

Interval: data style

**Other setting no need to change !!**

The 'New Security' dialog box is shown with the following settings:

- Folder: C:\RTDATA
- Name: HSIJ3
- Symbol: HSIJ3
- First date: 18/12/2002
- Periodicity: Intraday
- Units: Decimal
- Interval: Tick
- Start time: 12:00 AM
- End time: 12:00 AM
- Optional fields:
  - Opening prices
  - Open Interest

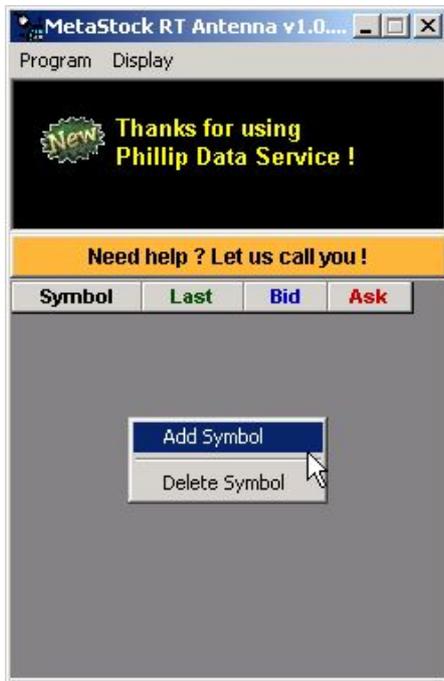
If you are the first time to setup, the below window box will appear, all the real-time data will place inside this folder, after you press the "Yes" button ◦

The dialog box contains the following text:

The folder "C:\RTDATA" is not selected for real-time updates.  
Would you like to select the folder for real-time updates?

Buttons: Yes, No

- 6) After finished the about setup , go to the MS RT Antenna program and then right click on the dark-gray area, then add the same Symbol that you have created on the MetaStock.



You can directly enter the symbol on this screen, or choose the symbol from the list by pressed the search button.



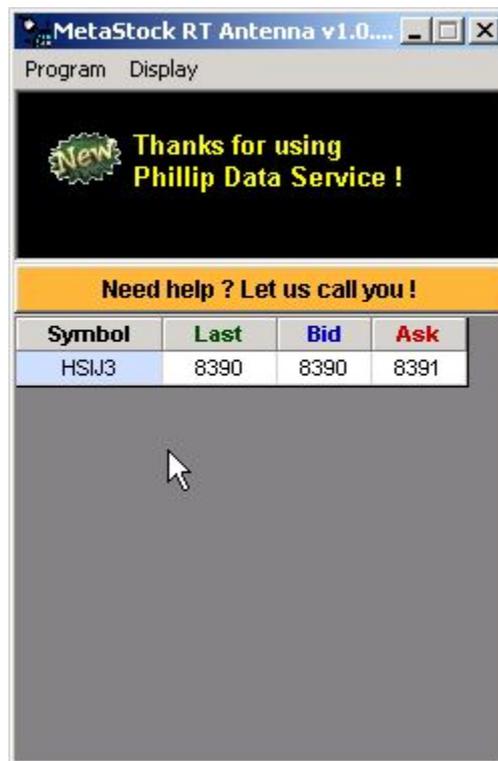
Symbol List table

Type	Symbol	Name
Index	HSI_INDEX	Heng Seng Index
Index Futures	HSIU3	Hang Seng Index Apr Futures
	HSIU3/K3	Hang Seng Index May Futures
	HSIU3/M3	Hang Seng Index Jun Futures
	HSIU3/U3	Hang Seng Index Sep Futures
	HSIK3	Hang Seng Index May Futures
	HSIK3/M3	Hang Seng Index Jun Futures
	HSIK3/U3	Hang Seng Index Sep Futures
	HSIM3	Hang Seng Index Jun Futures
	HSIM3/U3	Hang Seng Index Sep Futures
	HSIU3	Hang Seng Index Sep Futures
	MHIJ3	Mini-Hang Seng Index Apr Futures
	MHIJ3/K3	Mini-Hang Seng Index May Futures
	MHIJ3/M3	Mini-Hang Seng Index Jun Futures
	MHIJ3/U3	Mini-Hang Seng Index Sep Futures
	MHIK3	Mini-Hang Seng Index May Futures
	MHIK3/M3	Mini-Hang Seng Index Jun Futures
	MHIK3/U3	Mini-Hang Seng Index Sep Futures
	MHIM3	Mini-Hang Seng Index Jun Futures
MHIM3/U3	Mini-Hang Seng Index Sep Futures	
MHIU3	Mini-Hang Seng Index Sep Futures	
Index Options	HSI10000C4	Hang Seng Index Mar 10000 Call OPTION
	HSI10000D3	Hang Seng Index Apr 10000 Call OPTION
	HSI10000E3	Hang Seng Index May 10000 Call OPTION
	HSI10000F3	Hang Seng Index Jun 10000 Call OPTION
	HSI10000F4	Hang Seng Index Jun 10000 Call OPTION
	HSI10000I3	Hang Seng Index Sep 10000 Call OPTION

7) Final step is press the Confirm button



After press the “Confirm” Button, just wait the data finished it’s collection, then you will see the Last, Bid and Ask those price quote appear.

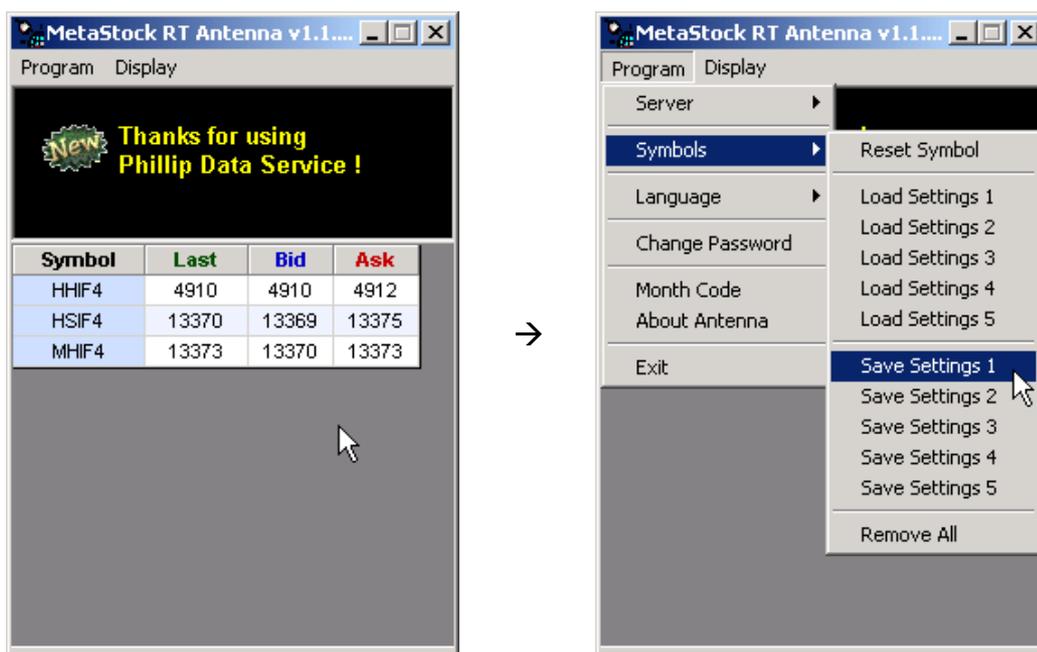


## Other options: “Symbols setting”

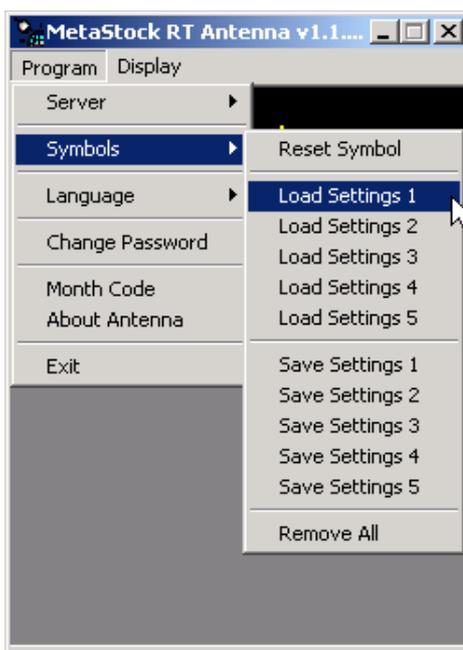
If you have different group set of symbols, then you can use different symbols setting to store as a list, next time you want to request to receive the same list, just need to choose the setting that you have saved before.

Step 1: Add the about Symbols that you want in Antenna program

Step 2: Choose Program → Symbols → Save Settings (1-5) (Finished)



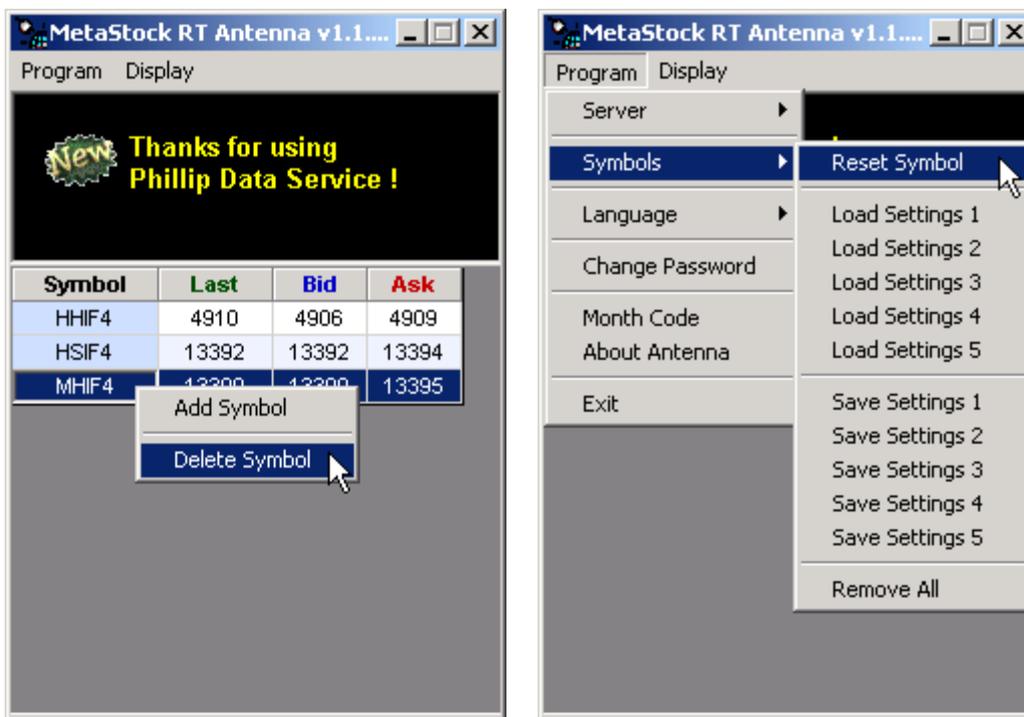
Next time you just need to retrieve the settings that you need:



## Error data maintain:

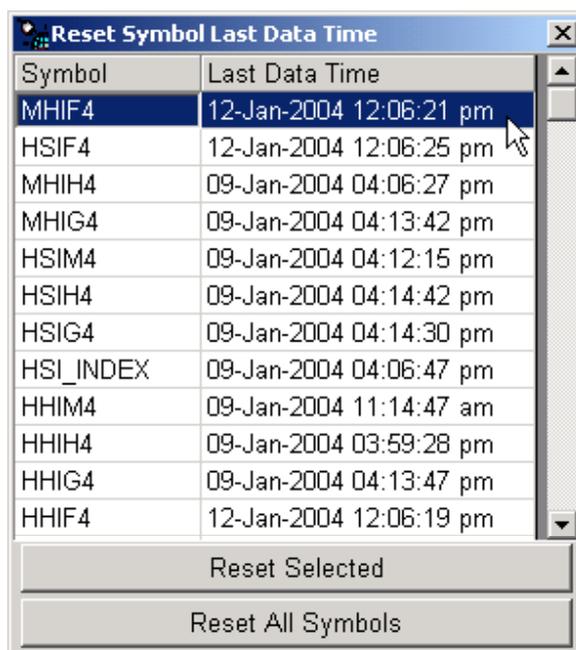
### Re-download today data:

- 1) Choose the symbol you want to remove, then right click mouse choose “delete symbol” from Antenna program.
- 2) Choose Program → Symbols → Reset Symbol from Antenna program.

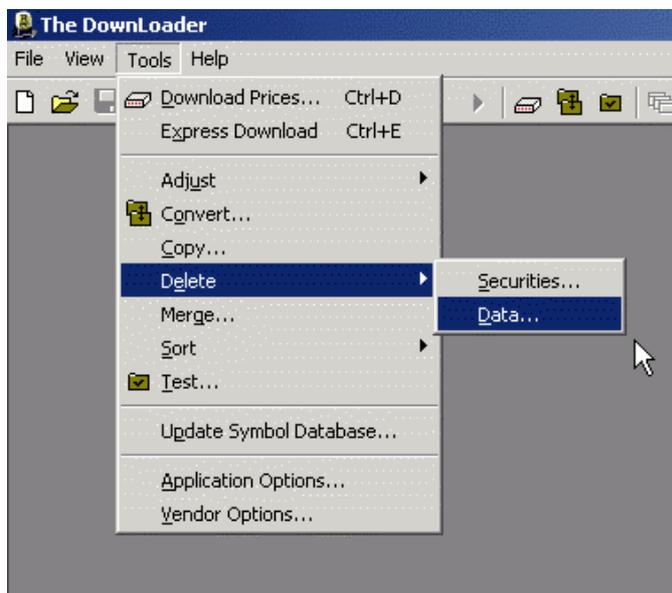


- 3) Choose the symbol, which you want to reset.  
After reset the symbol, then you can re-download today data again of this symbol.

**Remarks:** i) Stock data will be re-download today data only (1 day data)  
ii) Future data will be received from yesterday up to today (2 days data)

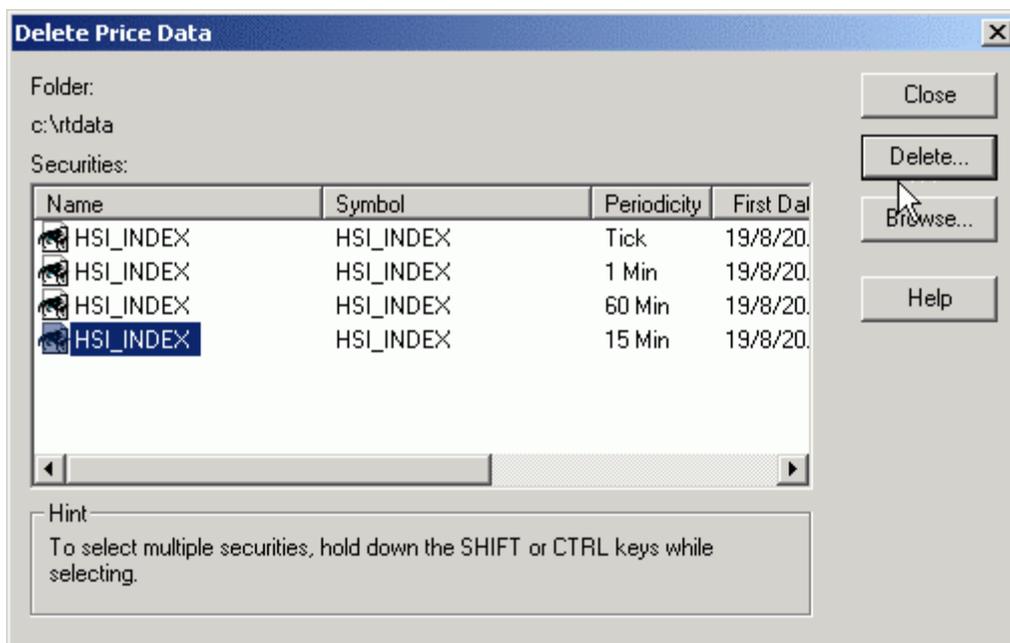


- 4) After remove and reset the symbol, then you need to delete the about data to avoid receive duplicate data.



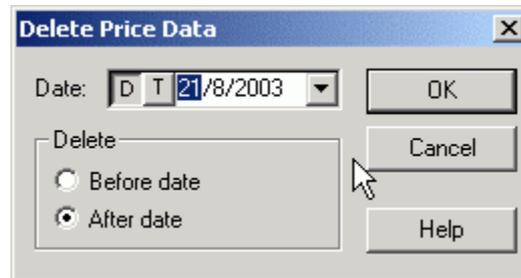
Choose one or more records which you need , then press the delete button.

**(To Select Multiple securities, hold down the SHIFT or CTRL keys while selecting)**



Input the date to delete before or after date data, **be careful to use this function!!**

Before date data 19/8, 20/8 ←----- 21/8/2003 -----→ 22/8, 23/8 after date data

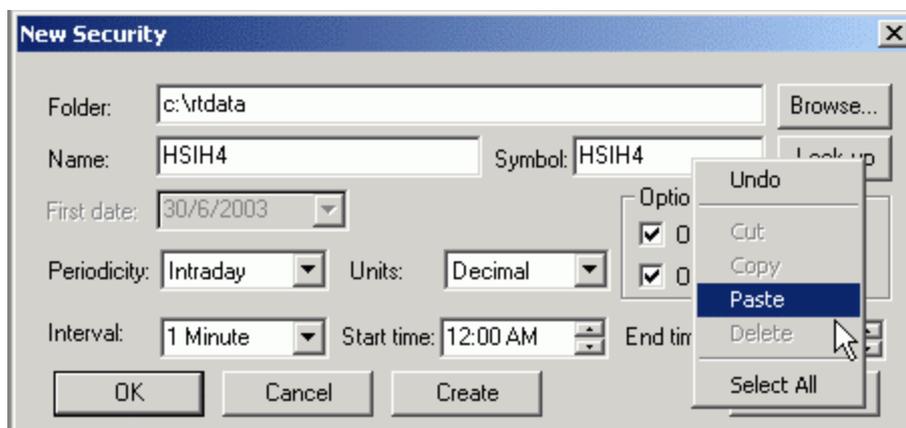
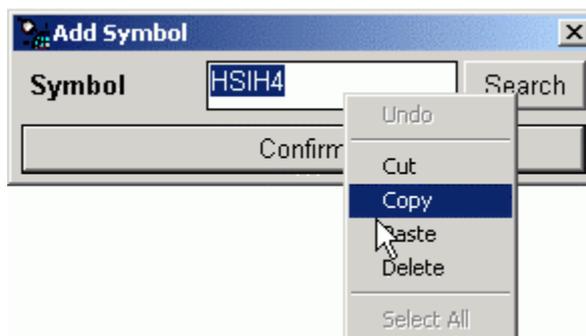


- 5) After remove, reset and delete action completed, then you can normally add the symbol again to re-download today data.

**Remarks:** 1) Stock data will be re-download today data only (1 day data)  
2) Future data will be received from yesterday up to today (2 days data)

Adding Symbol Tips

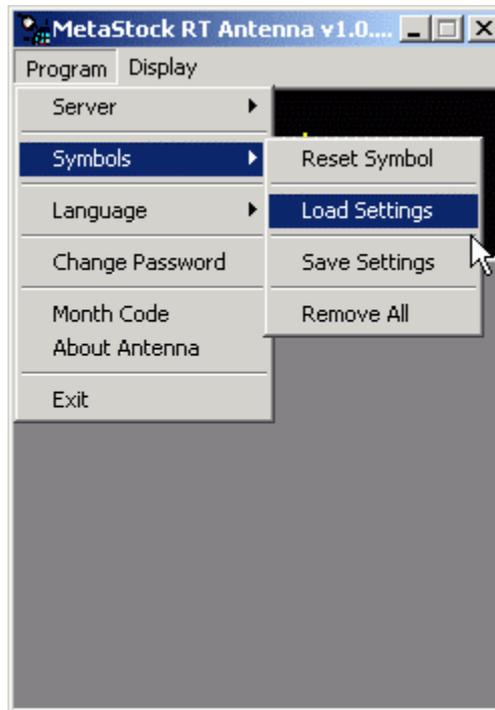
- 1) You can high light and right click mouse to copy the symbol, then paste into the create table of the MetaStock when create a new security.



- 2) The Heng Seng Index Futures and next month symbol will be different symbol code for each month. The current month Hang Seng index symbol is "HSIQ3" which 3 mean 2003, 4 mean 2004. Next month is "HSIU3"...etc

MONTH	CALL	PUT	FUTURES
Jan	A	M	F
Feb	B	N	G
Mar	C	O	H
Apr	D	P	J
May	E	Q	K
Jun	F	R	M
Jul	G	S	N
Aug	H	T	Q
Sep	I	U	U
Oct	J	V	V
Nov	K	W	X
Dec	L	X	Z

- 3) If you have the same symbols set to use daily, you can use Antenna program save setting function, and then next time you just load the setting out, all the symbols will be add into automatically.

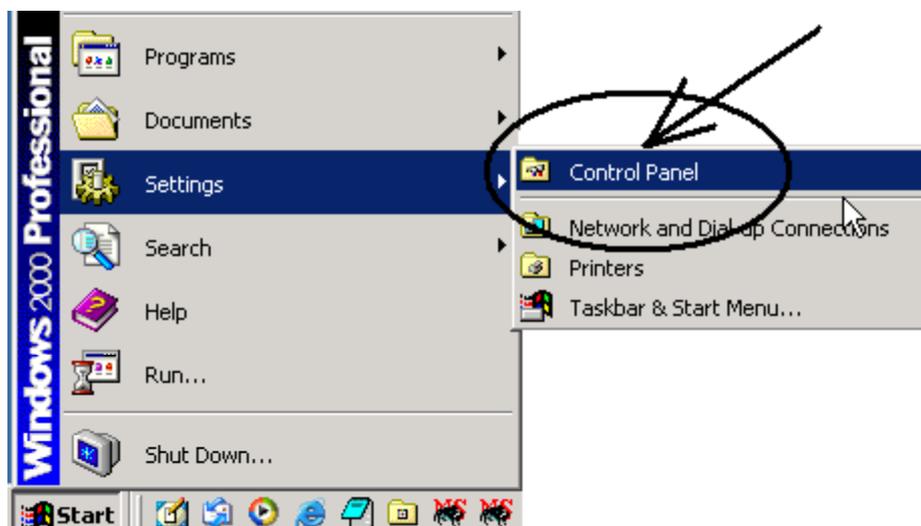


- 4) To remove the entire symbol, you can use “Remove All” function.
- 5) When you want to close all MetaStock and Antenna Program:
- 1) Close MetaStock First
  - 2) Close Antenna Program Last
- 6) Open too many symbols may kill your bandwidth and hang the Antenna Program, so fewer than 30 symbols will be the best. (Max. limit: 100)

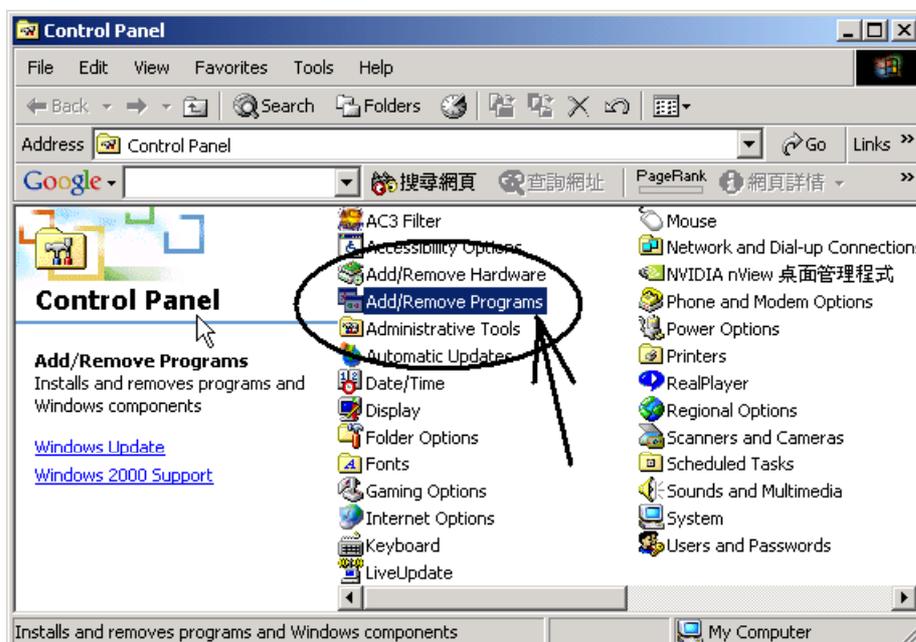
## Install Upgrade version

**You must remove the old version first before installing the new version Antenna. Please confirm you are not using the Antenna program before install new version!!**

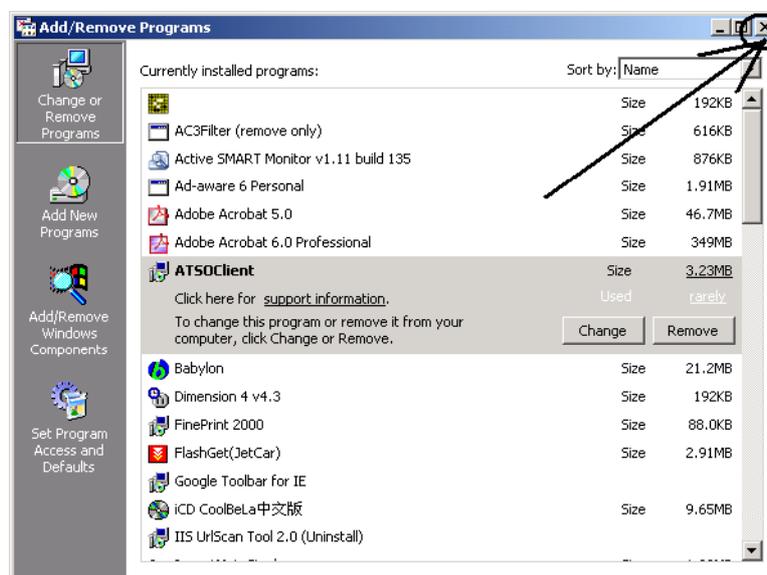
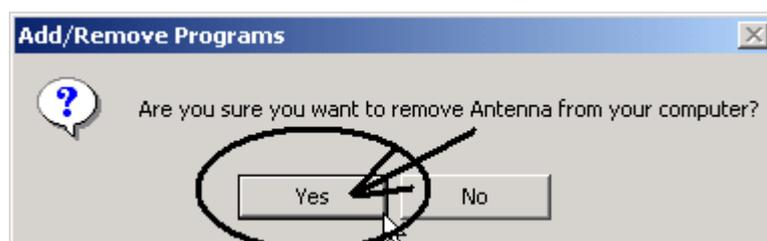
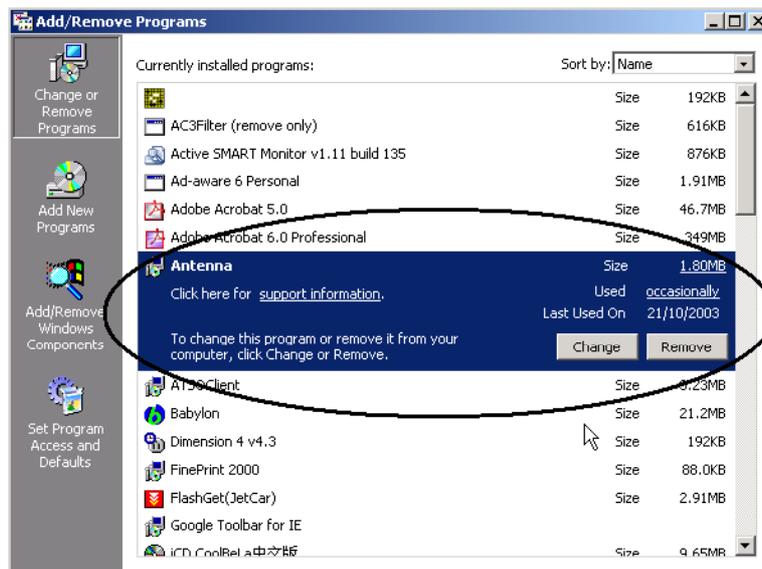
- 1) Go to the Control Panel



- 2) Open the “Add/Remove Programs”



3) Find the Antenna Program and Press “Remove” button



Finished remove the old version Antenna Program !!  
Now You can start to install the New Version Antenna Program.