

MTPredictor™

find a trade | assess risk/reward | determine position size | manage the trade

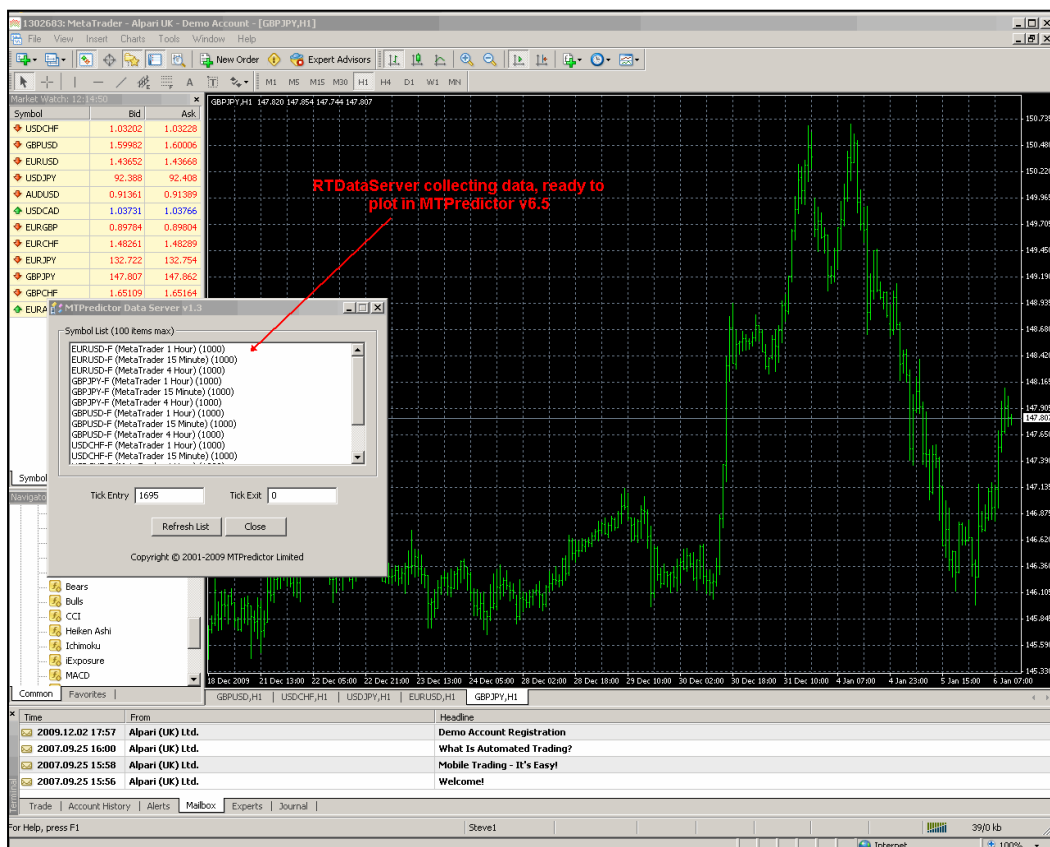
MTPredictor Help File – RTDataServer (MT4)

Web: www.mtpredictor.com

6 April 2010

In this help file I will cover how to setup the RTDataServer that will enable you to plot real-time data from many external sources, at the moment these include NinjaTrader, TradeStation (TS8) MetaTrader (MT4), and also from eSignal (via efs).

The idea is that the RTDataServer will sit there, collecting data from your external RT data source, completely independently from MTPredictor v6.5. Then MTPredictor v6.5 can simply call for the data from the RTDataServer and Plot charts as and when required.



This is the same no matter what external RT data source you are using for the RTDataServer.....

OK, let's now look at how to set this up for the different RT data feeds currently supported:

- NinjaTrader,
- TS8
- MetaTrader (MT4)
- and eSignal (via efs)

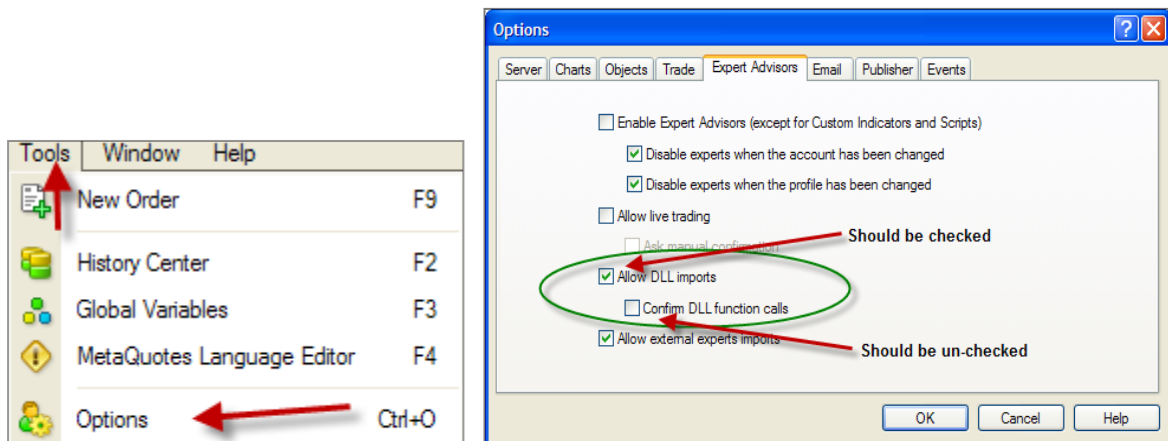
MetaTrader (MT4)

Here we first to “run” **two** programs from the MTPredictor web site:

First we need to “run” the **RTDataServer** Installation file on the web site. This installs the **RTDataServer** as well as saves the **MTPData.dll** to a specific Folder on your hard drive.

Then second, you need to “run” the “**MTPRTData for MetaTrader**” Installation file on the web site. This installs the **MTPRTData** Indicator as well as saves a secondary dll to a specific Folder on your hard drive.

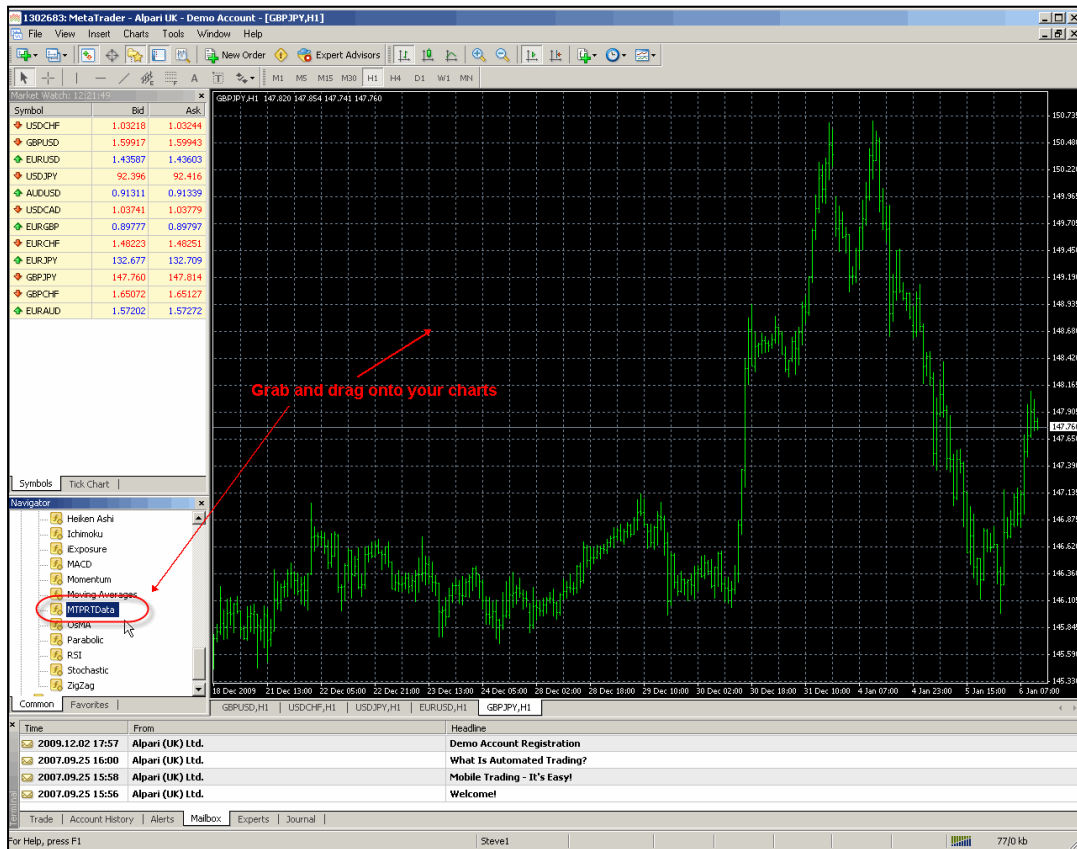
Finally, in MetaTrader select the **Tools->Options** menu item and then select the **Expert Advisors** tab. Check the **Allow DLL imports** checkbox and uncheck the **Confirm DLL function calls** checkbox.



OK, now we are ready to load the **MTPRTData** Indicator onto the individual Charts in MetaTrader.

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Then we need to add the **MTPRTData** indicator to your charts. To do this we “grab and drag” the **MTPRTData** indicator onto a chart:



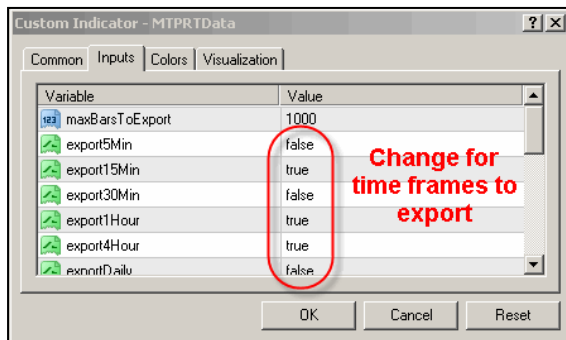
We have to do this for each chart you wish to follow.

Please note: All the charts you wish to follow **MUST** all be open

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OK, before we continue, I would like to look at the settings in the **MTPRTData** Indicator and what the options mean:

The options are very simple, the only ones you need to consider are the “**true or false**” against each time frame:

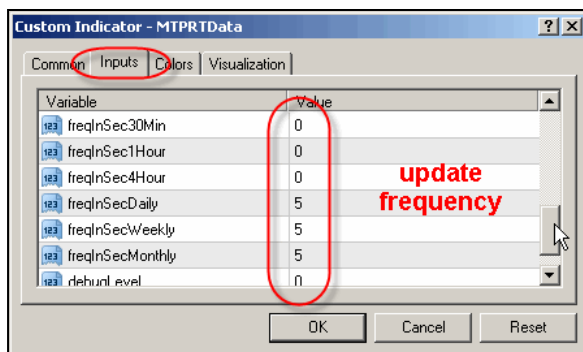


Setting them to “**true**” exports that time frame to the RTDataServer.

I would caution against setting too many to true, as this puts unwanted load on your PC, so I only suggest selecting the actual time frames you wish to follow in MTPredictor, for example 15min, 1Hr and 4Hr only.

Note: The “maxBarsToExport” is what it says, and ideally should be left at 1000. If you specify a number greater than 1000 only the last 1000 will be in the RTDataServer.

Next we have the “**update frequency**”:



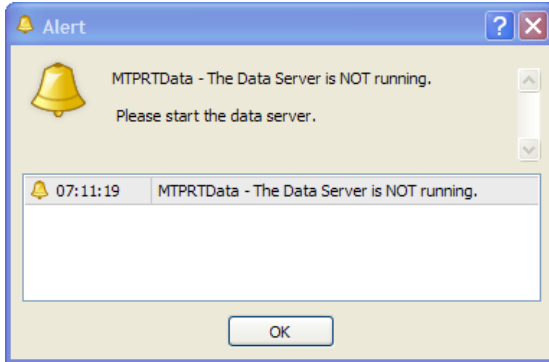
Here “0” in the option means in real-time (tick by tick) and a “number” (for example 5) in the option is how many seconds between updates.

I strongly suggest you leave these at the default values as there is no need to have a Daily or Weekly chart updating every tick. This helps keep load on your PC down to acceptable levels.

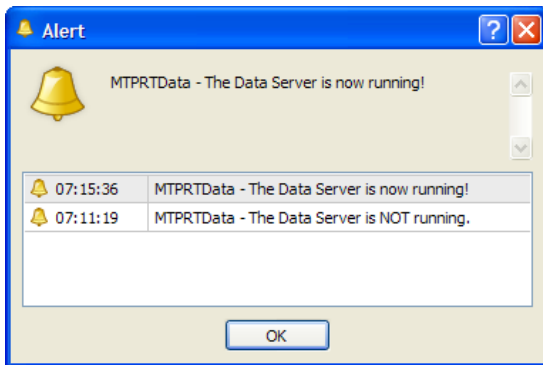
Please Remember: You need to add the MTPRTdata indicator to all the charts you wish to follow and they MUST all remain open.

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OK, now it is best to close MetaTrader, then start the MTP RTDataServer, then open MetaTrader. **The order is not as important as it is for the other trading platforms, however, it is best to start the MTP Data Server first.** If you happen to start MetaTrader first you will get the following alert in MetaTrader:

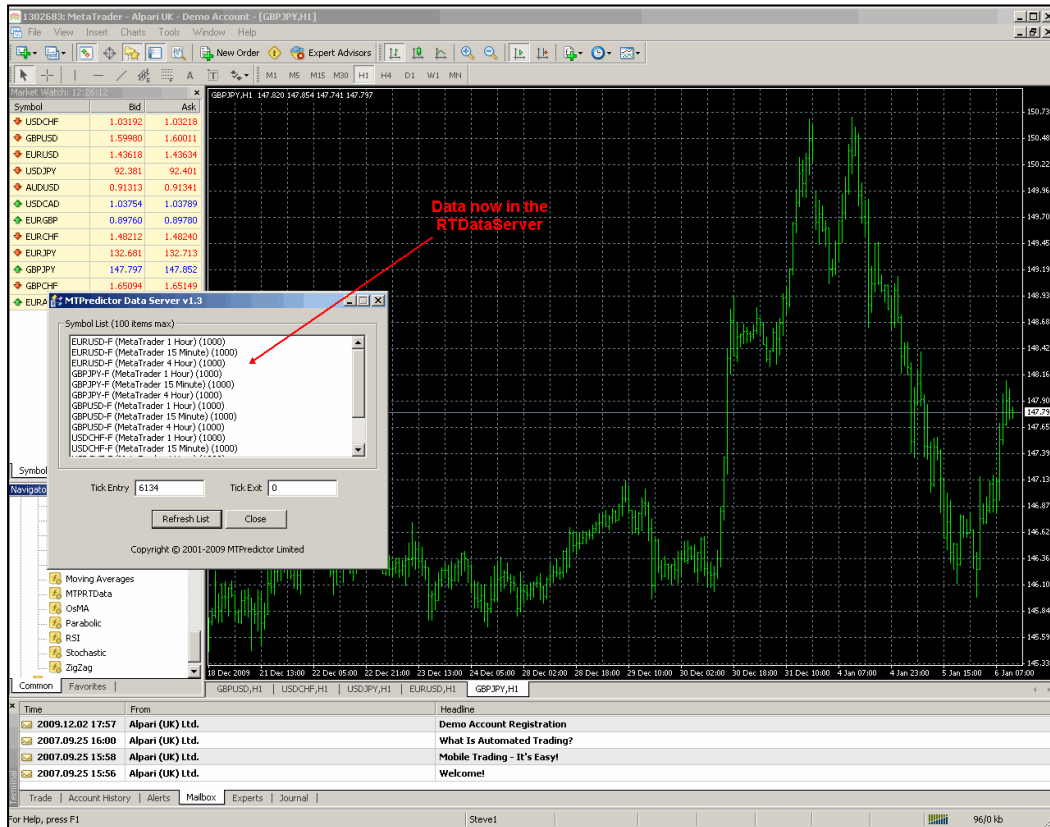


Just start the RTDataServer and on the very next tick for each chart, the symbol and all the selected timeframes will be loaded into the RTDataServer. You will know the data server is running again when you get the following alert:



You should now see the Data listed in the RTDataServer window....

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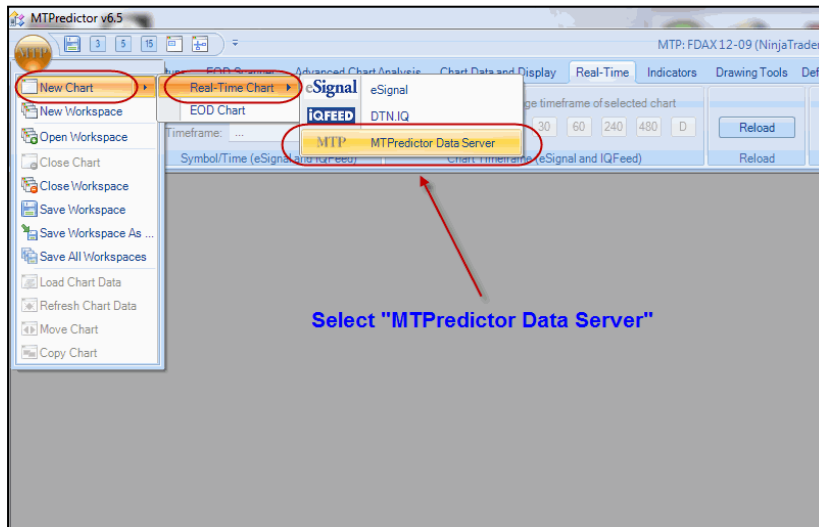
Now you can move onto MTPredictor v6.5 and opening a new chart using this new RTDataServer as the RT data source.....

Tip: Custom Time Frame Exporting

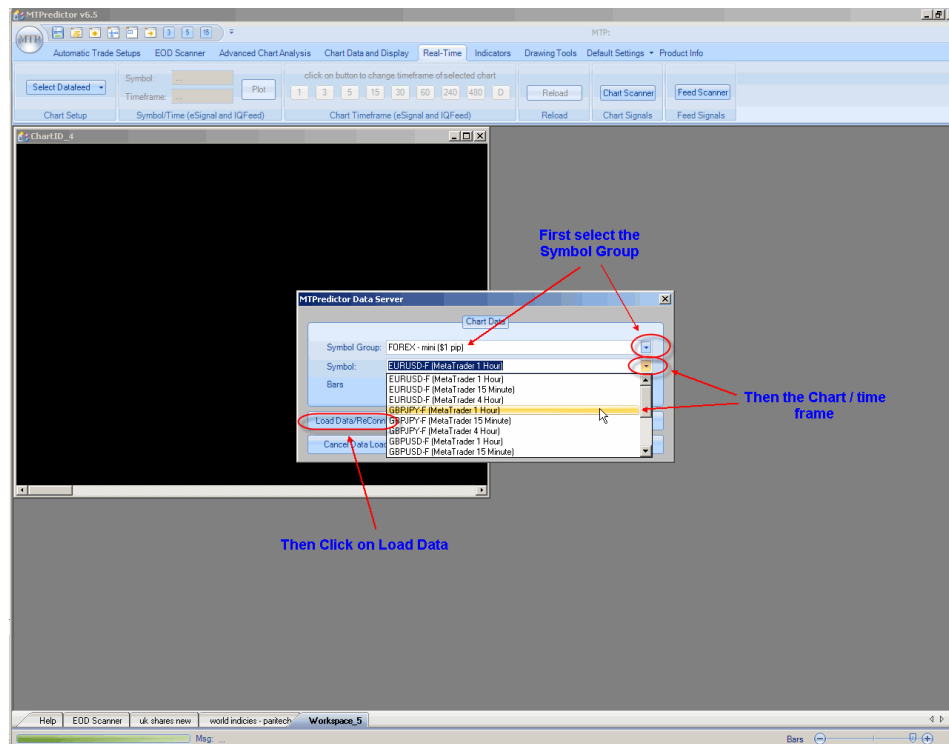
The default time frames selected for export to the RTDataServer are 15 min, 1 Hour, and 4 Hour. If these are the only time frames you are going to export then adding the indicator to each chart is easy. However, if you are using other time frames then setting up the charts can be very cumbersome since you will have to make changes to the indicator settings for each chart. This is where templates can be quite useful. Please follow these steps to setup and apply a template to each chart:

1. Drag the indicator MTPRTData to a chart and setup the Time Frames you want to export and Update Frequencies. My suggestion is that all other indicators on the chart be deleted.
2. Right click on the chart and select **Template->Save Template...**
3. Enter a template name (e.g. MTP Export) and click the **Save** button
4. Create a new chart or select an existing chart. (*Make sure the MTPRTData indicator chart doesn't already exist on the chart. If it does, you should delete it first*)
5. Right click on the chart and select **Template->Load Template...**
6. Select the template you created previously and press the **Open** button. The template will be applied to the chart with all your custom time frames

Next Open MTPredictor and open a new workspace and select RT data feed, and then select **"MTPredictor Data Server"** as the RT source:



Then load the chart you wish:



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IMPORTANT

To make things easier please start things in the correct order each morning, so please follow these steps each day:

1. First Start the MTP RTDataServer (this **should** to be running “before” any RT data source)
2. Then Open MetaTrader,
3. Then Open MTPredictor v6.5

*****Warning*****

You must not let your PC “power down”, as this causes MetaTrader to stop. If this happens then you will have to go through the whole start up process again. So to avoid this, either keep using your PC, or make sure you increase your “power down” settings to prevent a power down while you are not using your PC, but still wish to keep collecting data....

But under normal PC use, the RTDataServer and data source, in this case MetaTrader, can just be left running collecting data as you use MTPredictor in the normal way.

At the end of the day I would suggest closing MTP, then closing the RTDataServer, then closing your RT data source, in this case MetaTrader.

If you the charts ever stop in MetaTrader (for example because your PC powers down), then all updating to the charts (and RTScanner) in MTPredictor 6.5 will stop. Even after you restart the RTDataServer the charts will NOT update. The only way to get the charts in MTPredictor 6.5 to start updating again is to:

- a. Reload each chart using the **Reload** button on the **Real Time** tab, or
- b. Stop, then re-start the RTScanner, or
- c. Close MTPredictor 6.5 and open it again (**Recommended**)

Thanks and good trading . . .

Steve Griffiths
Managing Director and developer of MTPredictor
MTPredictor Ltd.
www.mtpredictor.com

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