

# O.S.ENGINE



## MANUAL

( DATA / CONVERTER )

O-S-A.NET

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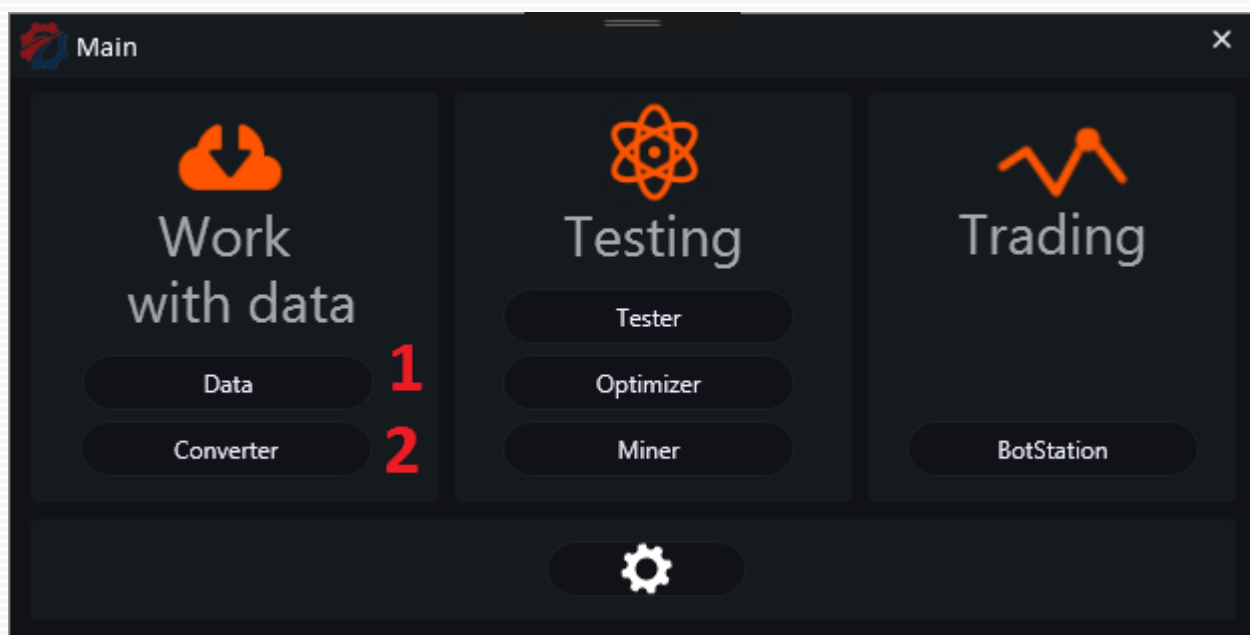
# 1. General information

This manual is devoted to the work of two modules: Os.Data and Os.Converter.

Os.Data is a module for downloading and storing historical data of candles, ticks and glass slices using connectors, as well as data from Finam server.

Os.Converter is a module that allows converting data from ticks to candles with a given timeframe.

To get started we run the exe file with the platform and get to the main menu:



Select "Date"

## 2. Os.Data

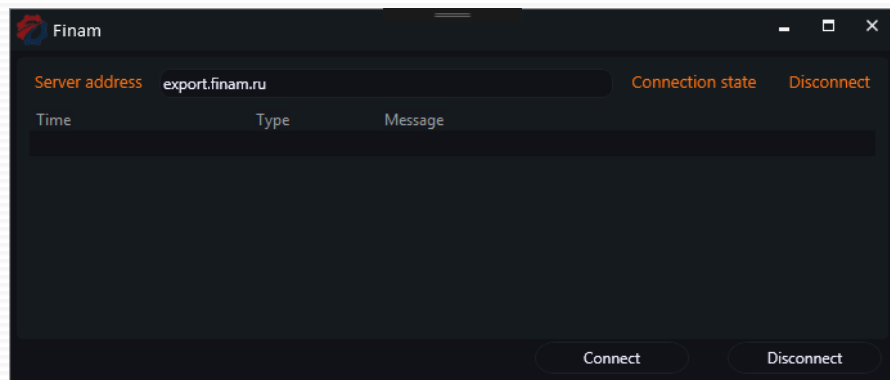
The following window will appear:



1. Sources – the source of stock data.
2. Sets – panel for adding tools and creating your own sets.
3. Main window – the window for viewing the relevant data.
4. Pop-up panel – the panel for selecting data for the main window.
5. Log – logging panel.

First, we need to choose the source of downloading the data. As an example, we take Finam. To learn how to connect to other sources, see the main manual, sections devoted to connecting to servers.

Double click on Finam. Click connect. Close



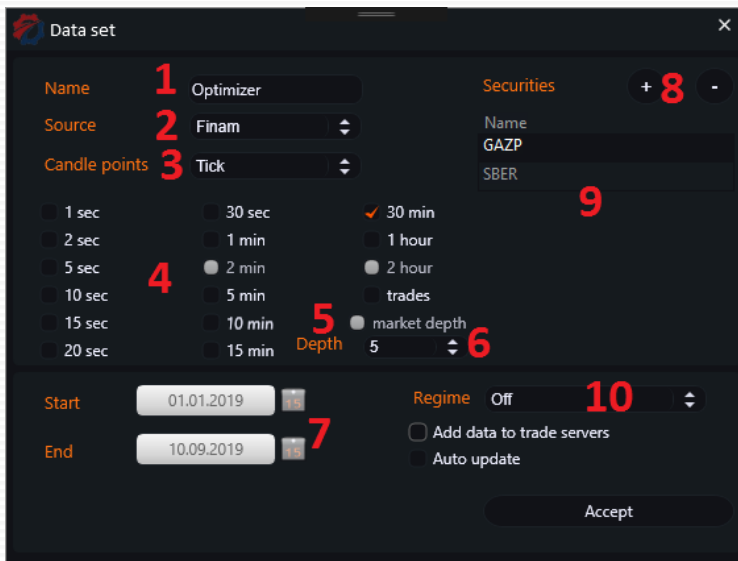
## 2. Os.Data



Now you need to create a set:

On the "Sets" panel right-click and select "Add"

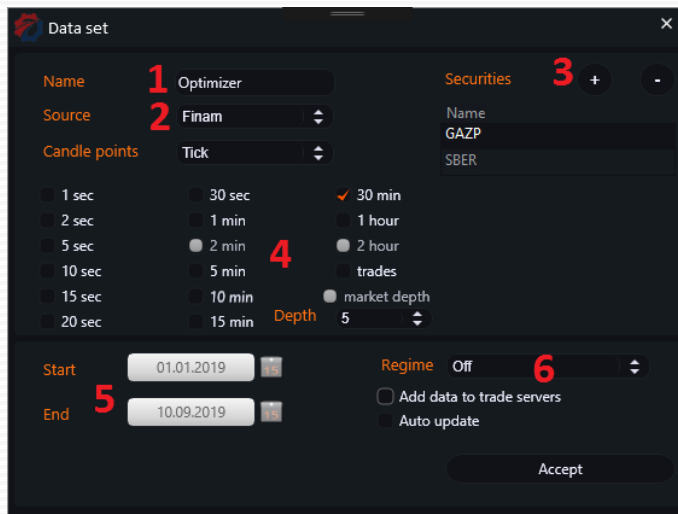
"Data set" will open:



1. Name – name of the set
2. Source – the source from which the data are downloaded
3. Candles assembly – which data comprise candles.
4. Timeframe – data of which period shall be seen at the output
5. Glass – saving the glass data
6. Depth – depth of the glass
7. Period – historical data period (for Finam only)
8. Tools – buttons for adding, deleting
9. List of papers – window for papers
10. Mode – enable, disable download

## 2. Os.Data

Let us create a new set:



1. Let us give the name of our assembly.
2. Choose the source, in our case it's Finam.
3. With "+" button we add the relevant tools (Gazprom).
4. Select the respective timeframes.
5. Select the data time interval. It works only for Finam, when recording data through connectors, only the current state of the market is recorded.
6. Select the "On" mode

Data downloading will begin...

All data is saved according to the scheme in the Data folder, in the root where the exe file is stored



## 2. Os.Data

As a result there will be the following:

The data is downloaded, the candles are shown, the timeframes are available. In the future, this data can be used for testing.

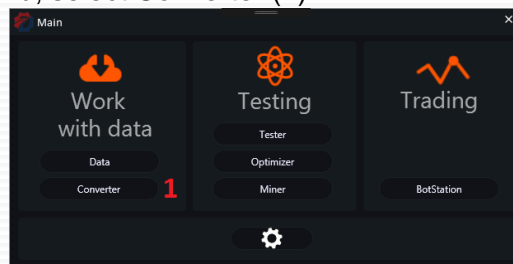
### IMPORTANT

- The data of the glass can be recorded only by means of a connector.
- In order to record a glass via QUIK, it shall first be configured in the terminal, this procedure is considered in detail in the main manual Trader/Tester.
- The data can take significant space on your hard drive.

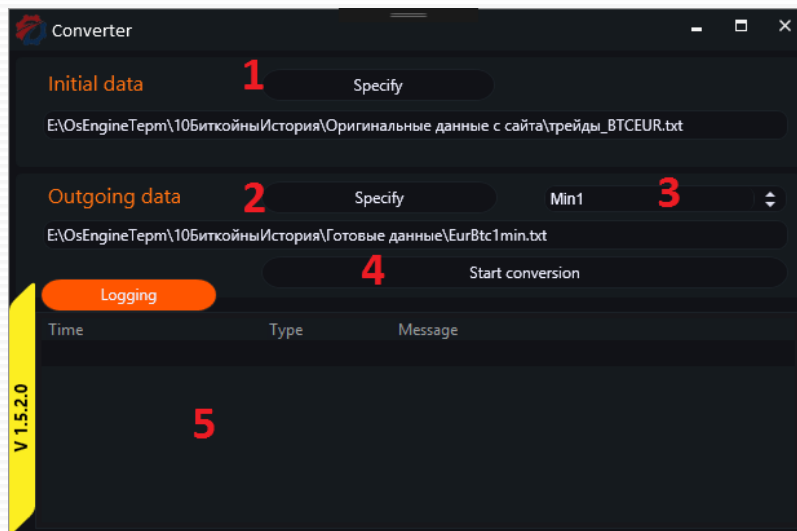
### 3. Converter

This module is required to convert stock data. It is possible to convert data from a smaller timeframe to a larger one.

From the main menu, select Converter (2):

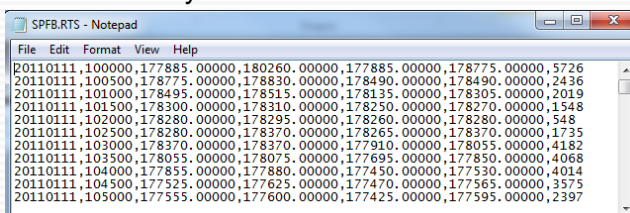


Os.Converter will appear



1. Source data – a place on your computer from which the data are taken.
2. Output data – a place where the data are saved.
3. Timeframe – the period in which we convert.
4. Start conversion – start button.
5. Log – logging panel.

This interface is intuitively comprehensible. Describing the procedure in detail is unnecessarily.



Data record format