OS.ENGINE

MANUAL

(Miner)

O-S-A.NET

Table of content

1. General information

This manual is devoted to the work of the miner module

This module allows searching for profitable patterns on the chart in manual and automatic mode.

This module does not require learning programming or writing code. In order to search for profitable patterns there is no need to study diagrams and the logic of constructing strategies of cubes.

This program allows working with big data on your PC. Finding profitable patterns and launching them into trading.

On our YouTube channel, you will find video instructions on how the module works
https://www.youtube.com/playlist?list=PL76DtREkiCATe28yPbAT_5em1JqA4xEiB

Attention!!!
Patterns mining in automatic mode loads the processor. If you have not cleaned your fans and your thermal paste was put on the processor a few years ago: **Now is the time to do routine maintenance of the processor. Before you finish reading this manual and start your reserch.**
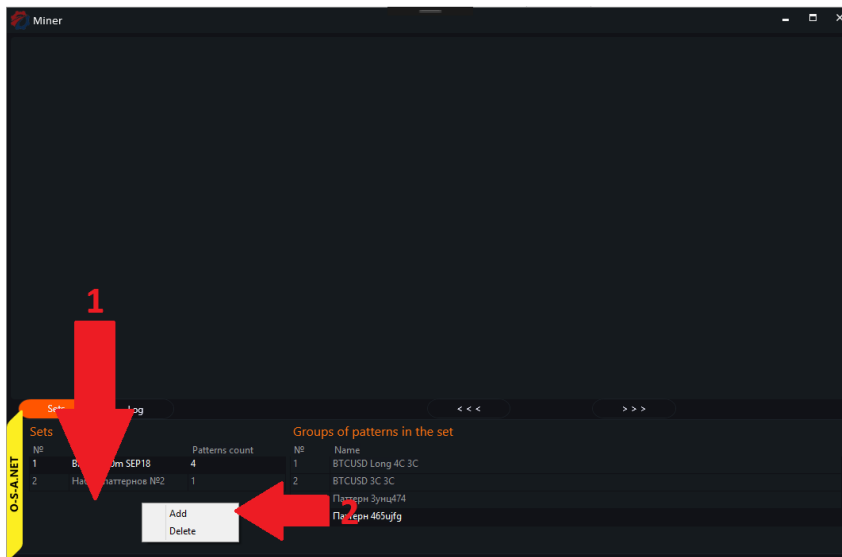
 And don't say we haven't warned you.

To get started we run the exe file with the platform and get to the main menu:
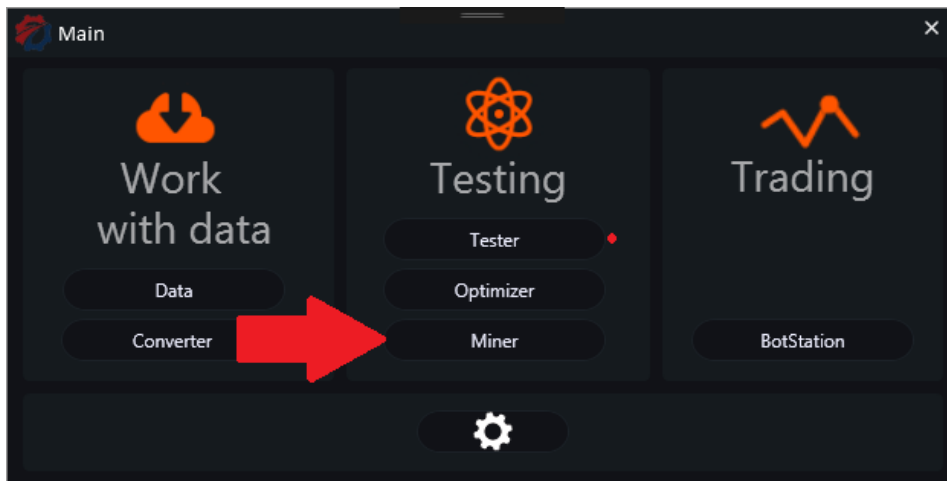
Choose "Patterns miner"

2. Creation of sets of patterns

After you open the main window, you must create a data set. To do this, right-click on the "Sets" table:
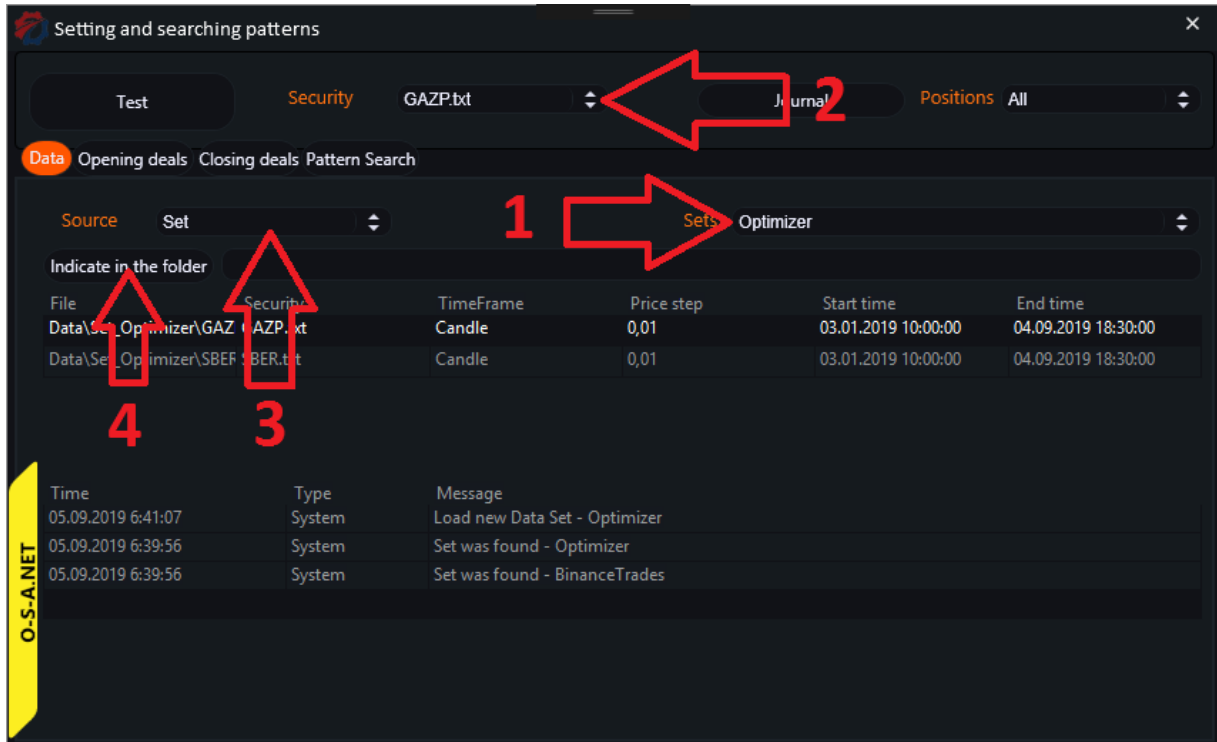

Next, create a pattern group for this set:

3. Data set settings

The first thing to do is to set up a data set from which the robot will take the data:


1. If you have already downloaded the data in advance through Os.Data, then simply select the data set you want to use to look for patterns
2. Select a tool from the data set
3. If you load data from a folder, then change Set to Folder
4. And then specify the path to this folder by clicking on the corresponding button. Then select the tool

IMPORTANT!

The timeframe of the data in the set and in the folder should be the same for all the papers included in it! Os.Miner works only with candlestick data.

4. Position taking tab
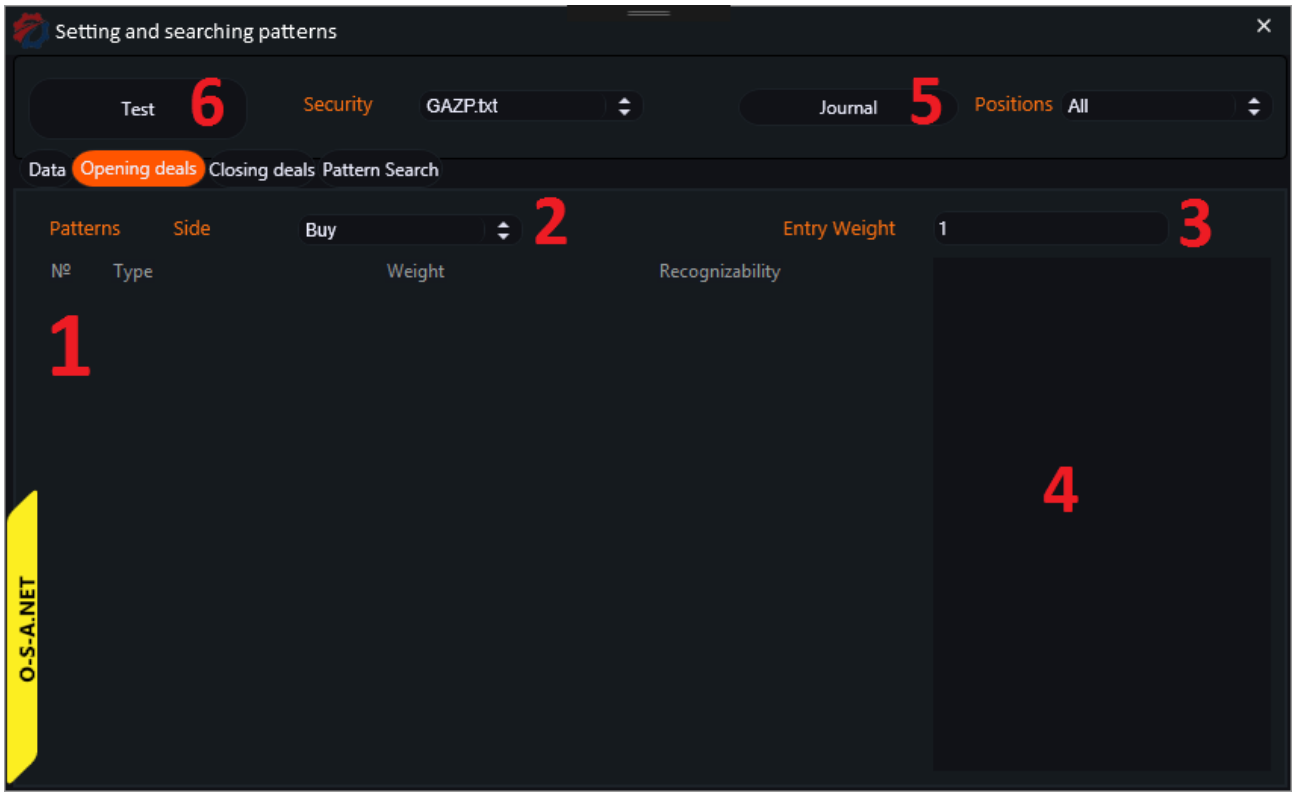
1. The table in which the patterns will be placed at the position taking when you find and save them.
2. The entry side into the position for this group of patterns.
3. The total weight that the patterns must gain in order to enter the position.
4. The window displays a single pattern selected in the pattern table at the entry.
5. Transaction log for the last pattern test.
6. Run the test according to the common available patterns, without regard to the pattern that is in search.

5. Close-out tab
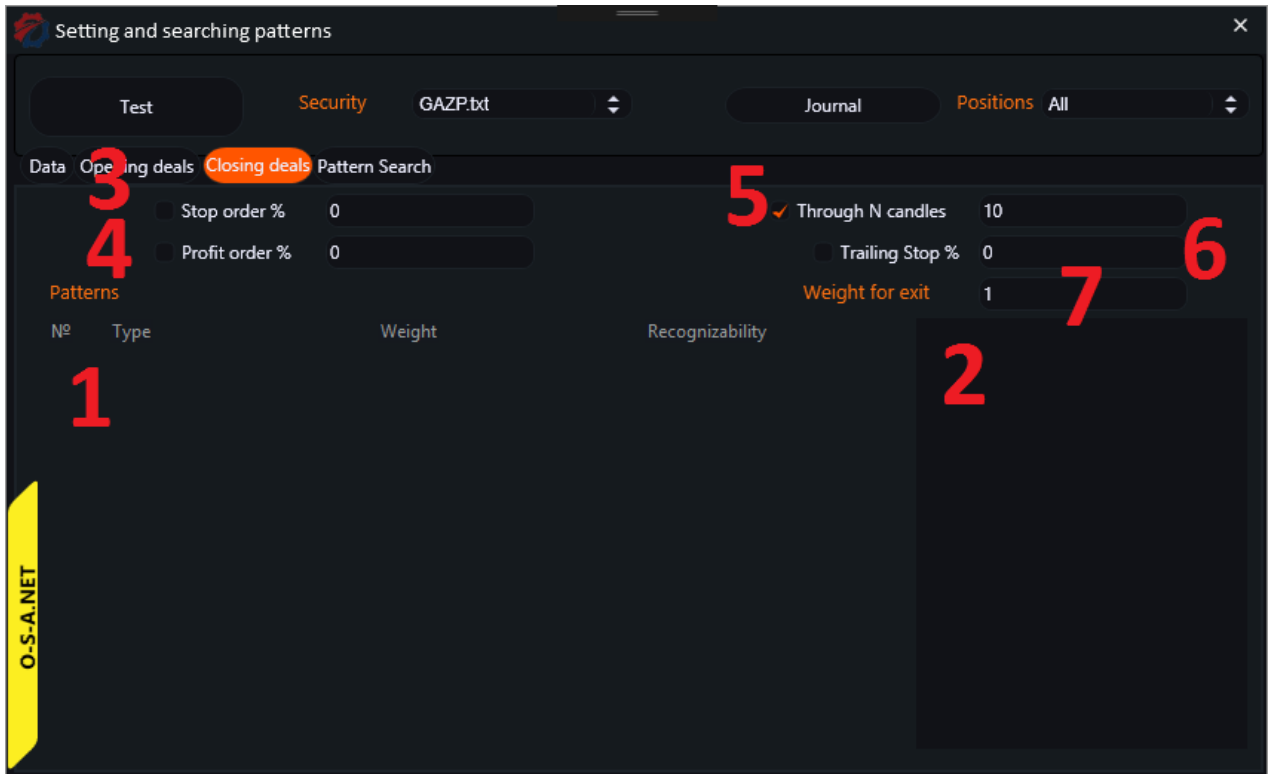
1. The table in which the patterns will be placed at the close-out when you find them and save.
2. The window displays a single pattern selected in the pattern table at the exit.
3. Stop order for close-out
4. Profit order for close-out
5. Exit after a certain number of candles after taking a position
6. Trailing stop
7. The total weight that the patterns must gain in order to enter the position.

6. Pattern search tab
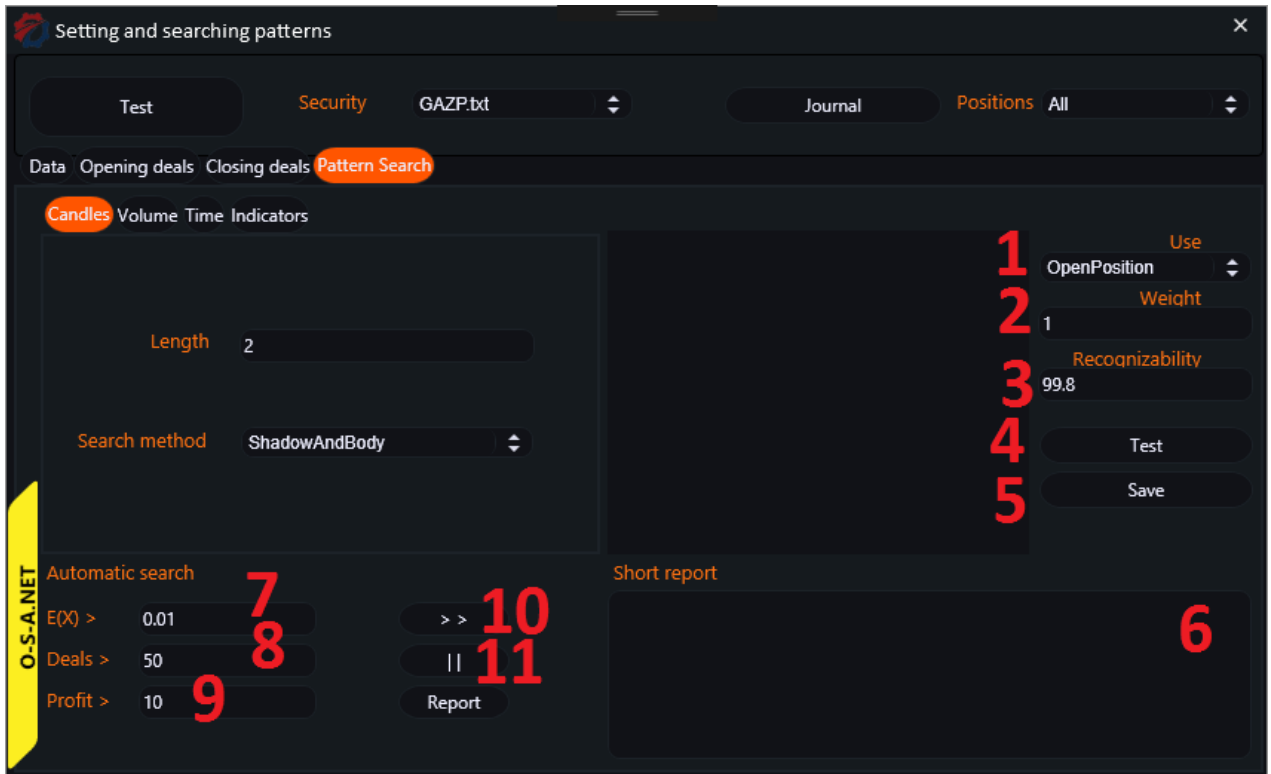
1. Where this pattern will be used. For taking or closing-out a position
2. The weight of the pattern in the entry or exit calculation.
3. Pattern recognition. 100 is the maximum. 1 pattern will be detected. The one you point to. 0 is the minimal.
4. Forces the algorithm to recalculate the profit or loss on the current set with regard to the pattern being searched.
5. Saves the pattern in search to the corresponding table. Depending on the case of use. SEE paragraph 1.
6. A table with a short test report.

Next, there are settings for automatic mining patterns. It is automatic in the sense that it goes through all the patterns on the chart one by one. It is the type that you choose with the settings selected.

7. The mathematical expectation from the deal we're looking for.
8. The number of trades on the pattern that we are looking for.
9. The overall profit that we are looking for.
10. Start automatic sorting out of formations on the chart.
11. Stop automatic sorting out of formations on the chart.

7. Candlestick patterns

1. Select Candle pattern as the pattern to search
2. Click on the chart to take the pattern from this chart.
3. You will see the selected pattern on the chart
4. The length of the pattern is specified here.
5. Pattern recognition type.
   a. ShadowAndBody – the body and the shadow.
   b. Shadow.
   c. Body – candle's body.

8. Volume patterns
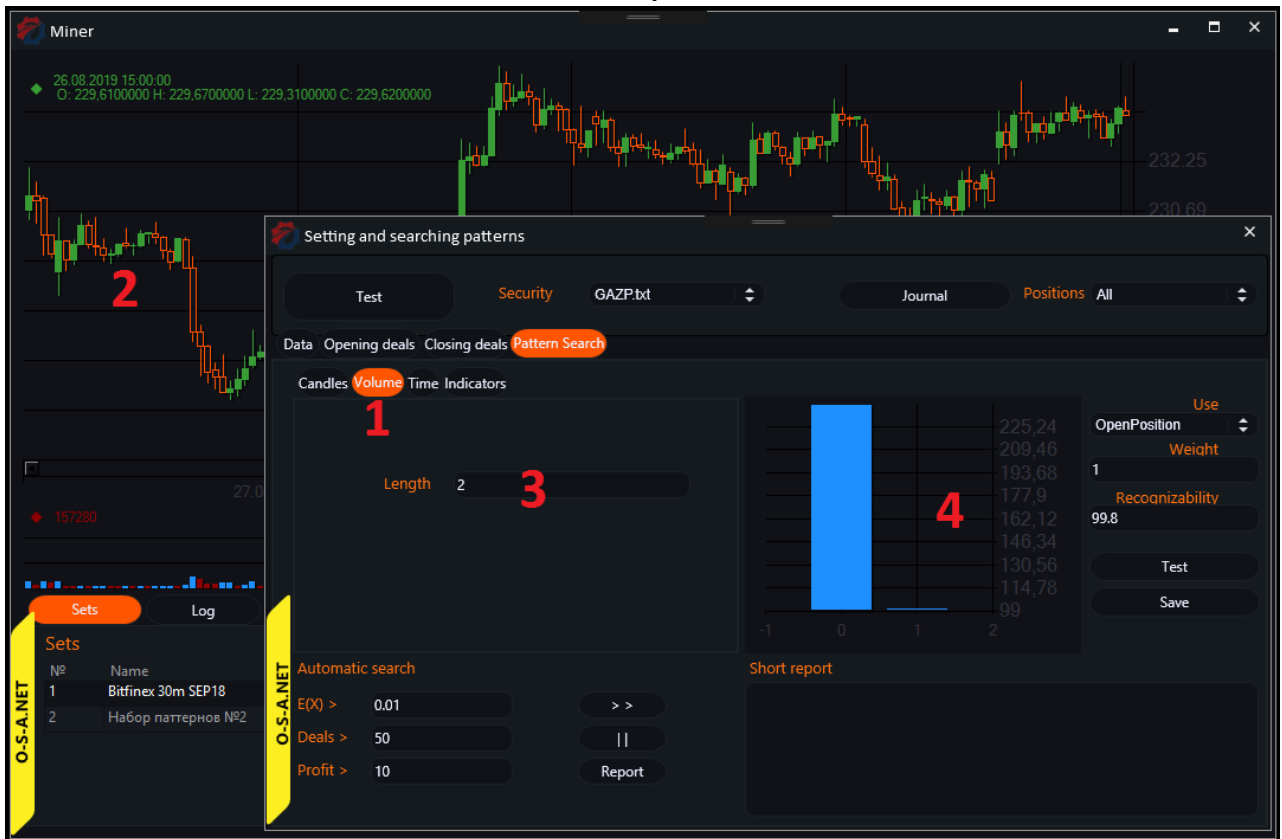
1. Select volume pattern as a pattern to search
2. Click on the chart to take the pattern from this chart.
3. The length of the pattern is specified here.
4. You will see the selected pattern on the chart
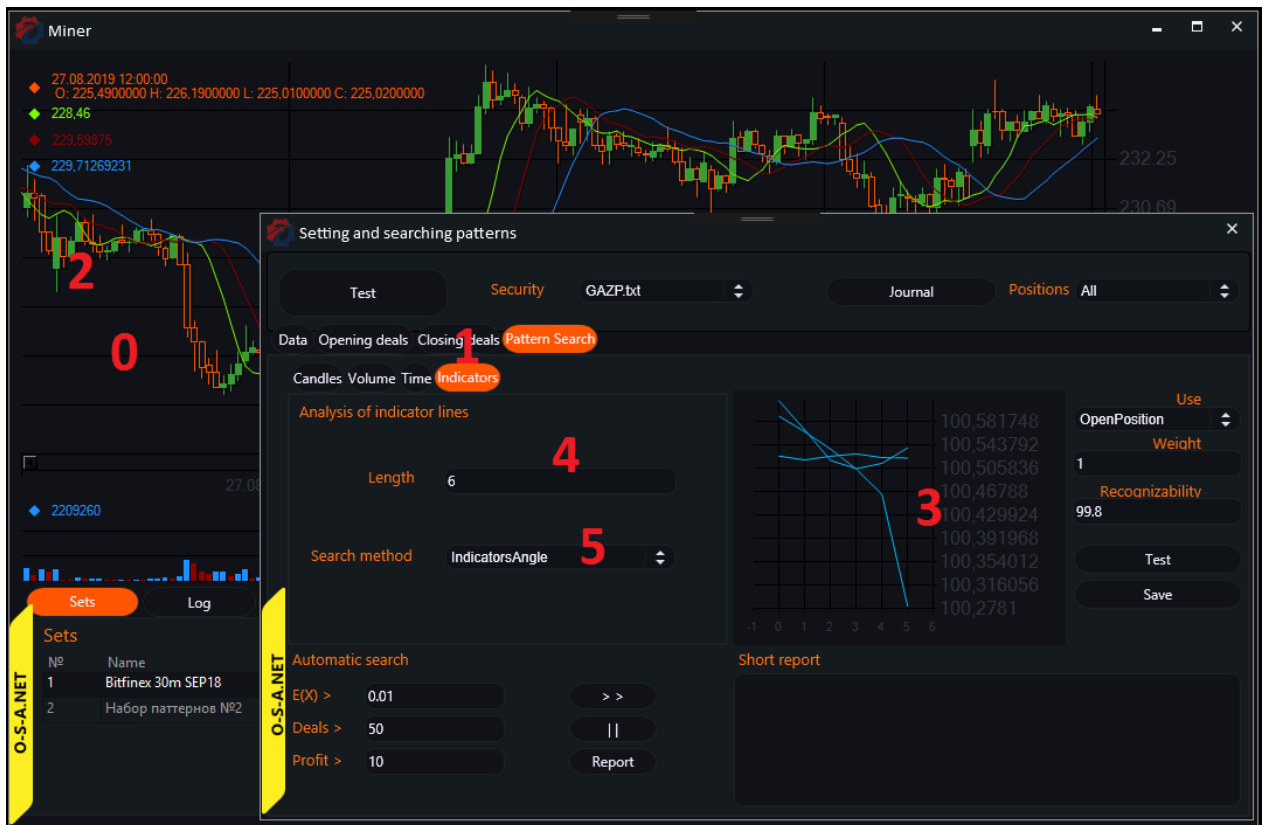
9. Patterns of "trading periods"
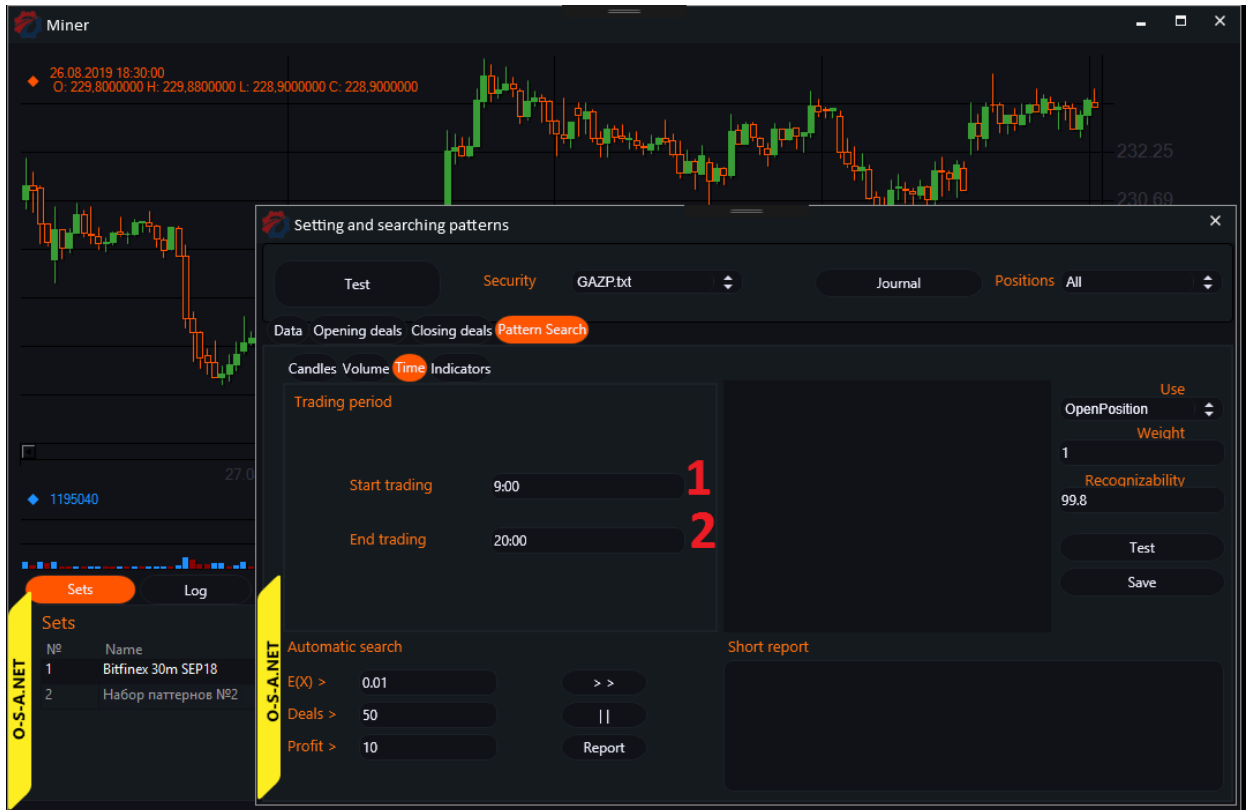
1. Set the beginning of the trading period
2. Set the end of the trading period

This pattern cannot be taken from the chart. It is created manually.

Recognition does not work for this pattern, but it also has weight and can participate in the collective decision-making on the entry/exit, as well as other patterns.

10. "Indicators" pattern

0. Add indicators to the chart first. This is done by right-clicking on it and the corresponding menu.
1. Select Indicators as the type of pattern to search
2. Click on the chart.
3. You will see the pattern on its individual chart
4. It is allowed to choose the length of this pattern
5. Type of indicator recognition
   a. IndicatorsAngle – the angle of inclination of indicators
   b. CandlePosition – position of the candle relative to the indicator lines

IMPORTANT!

After you've mined this pattern on the chart when you trade it, the same indicators should be added to the chart which will be in OsTrader. The same manner as you create them in OsMainer.
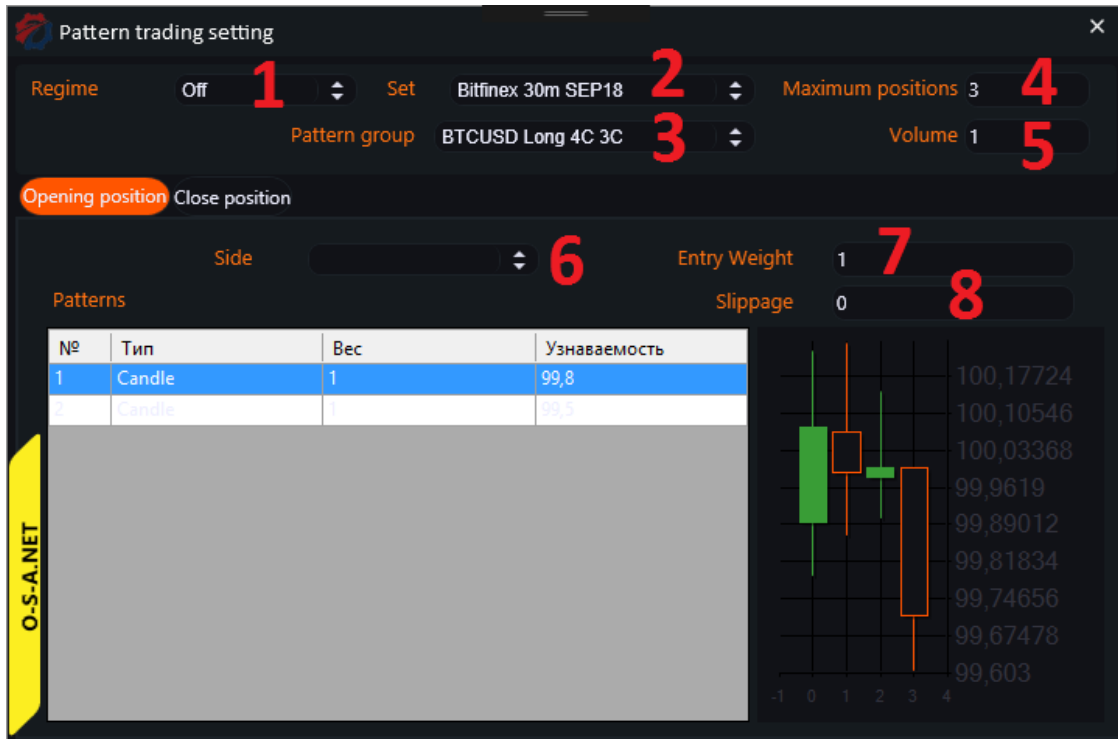
11. Patterns trading in Os.Trader

Turn OsTrader as usual and connect to the server. Then create a panel that will allow you to trade groups of patterns which you had mined:
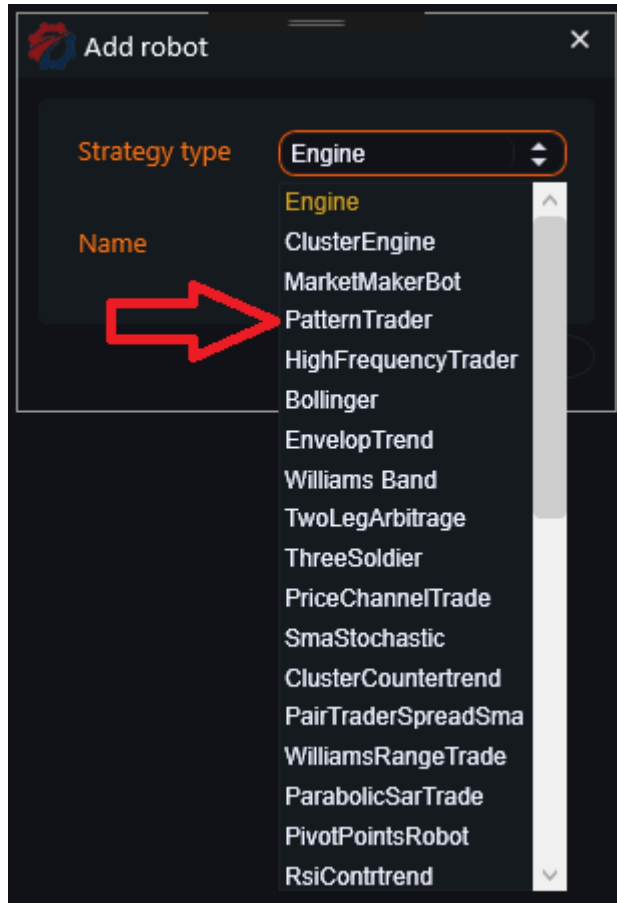
Next, connect the data to this tab as usual and go to the panel settings.

11. Patterns trading in Os.Trader

1. Operating mode. On Off
2. Selection of a set of patterns.
3. Selection of a pattern group
4. The maximum positions to be opened by the robot
5. Volume to enter each position
6. Entrance side when meeting the formation opening a position.
7. The total weight that the entrance patterns must gain in order to consider the position open.
8. Slipping for taking a position.

After that, adjust the tab "Positions close-out" and the robot will trade according to the patterns you have selected.

Also, this pattern trading robot is available for testing in Os.Tester. There you can run several similar robots with all your groups of patterns and see how they behave together.

IMPORTANT!

The miner and the robot that trades patterns share the same pool of sets and pattern groups. And if you delete a group or a set in the miner, the robot will also stop seeing them!