

Trading-Go

Expert Advisors. Indicators. Scripts



The VR Smart Grid Expert Advisor is a professional tool for trading grids of orders on financial instruments.

The algorithm of the program is arranged in such a way that the EA uses signals based not on the current price, but on the price of the channel. A special algorithm calculates the channel and the price range similar to the Donchian channel and uses it to generate signals. A special code processes the channel plotted using the Highs and Lows for the last several periods to identify the trend direction.

Advantages

- Seven trading modes, including manual
- Two types of trailing stop
- Works on any financial instruments (Forex, Metals, Crypto Currency)

Program settings

* - The dependence of the settings of the number of decimal places, character 4=*1, character 5=*10.

< --- I --- > < --- Lot calculation settings --- >

It is possible to use fixed lot; also the lot calculated from deposit percentage was added to the advisor.

- **Type of lot calculation (Fixed or By interest)** – the setting can be used for optimization
 - Fixed lot
 - Lot by interest
- **Lot value** – Lot value
- **Lot calculation type (order pricing)** – the setting is used to define the lot calculation type for orders opening against the current trend. The setting can be used for optimization.
 - **Start lot** – the lot defined in the settings is used for all the orders without any changes. This is the lot calculation example (1,1,1,1,1,1,1,1,1,1,1).
 - **Martingale lot** – every new order is opened by doubling the lot, for example (1,2,4,8,16,32,64,128).
 - **Fibo lot** – every new lot is calculated using the Fibonacci sequence and is equal to the total of last two lots, it will be calculated as follows (1,1,2,3,5,8,13,21,34).
 - **Sum start lot** – every new order is opened by the lot increased by the value of the start lot (1,2,3,4,5,6,7,8,9)
 - **Up lot + Dw lot** – every new order is opened by the total of the two order lots – the most unprofitable and the very last one, for instance (3+,4,7,10,13,16,19).
- **Maximum allowed buy lot** – the setting defines maximal lot for one order. The setting can be utilized for optimization.
- **Maximum allowed sell lot** – the setting defines minimal lot for one order. The setting can be utilized for optimization.

< --- II --- > < --- Settings for averaging the orders --- >

- **Averaging order type** – the setting defines the averaging order type to the advisor. The setting can be utilized for optimization.

- **All orders** – makes it possible to average and close all the orders of one type opened against the trend.
- **Two outside orders** – Maximal and Minimal – makes it possible to average and close two outside orders. It works for the orders opened against the trend. The very old (and the very unprofitable) order is averaged with the last order with the biggest lot.
- **Two outside orders** – Maximal and Preceding makes it possible to average and close two last orders opened against the trend.
- **Do not use averaging** – the setting disables averaging of the orders against the trend.

< --- III --- > < --- Settings for trading types --- >

- **Trade in the direction of the current trend?** – allows the advisor to open the orders in the direction of the current trend. In so doing, the orders will only be opened in case the stop loss of the previous order is moved to the profit zone. The setting can be utilized for optimization.
- **Trade type** – the setting informs advisor about the order type to trade. Optimization of this setting is not recommended, as the result will not be accurate.
 - **Use all orders** – the setting directs the advisor to trade with sell and buy orders.
 - **Trade with only buy orders** - the setting directs the advisor to trade only with buy orders.
 - **Trade with only sell orders** – the setting directs the advisor to trade only with sell orders.
 - **Gradually stop buying** - the setting directs the advisor not to open buy orders in case there are no buy orders. Smooth stop allows the advisor to open new orders until the advisor does not close all buy orders opened previously.
 - **Gradually stop selling** - the setting directs the advisor not to open the sell orders in case there are no sell orders. Smooth stop allows the advisor to open new orders until the advisor does not close all sell orders opened previously.
 - **Gradually stop the advisor** - the setting directs the advisor not to open the new orders. Smooth stop allows the advisor to open new orders until the advisor does not close all the orders opened previously. Working principle is not to build new order grid, simply complete and close all current grids.
 - **Enable manual trade mode** – special manual trade mode. Upon the activation of the manual mode, the advisor creates the management and order opening window that allows opening new orders manually by the trader. With the help of the trade panel trader will be able to set up the levels for the new orders himself. Advisor allows setting up both horizontal and angling levels. The trader's task is to set up the grids and open the first order, the rest is to be done by the advisor according to the current settings.
- **Trade in the new bar?** - the setting directs the advisor to perform all actions with calculations and opening the new orders only at the new bar. The setting can be used for optimization.
- **Maximum amount of buy orders** – the setting defines the maximum number of buy orders. Optimization of this setting is not recommended, as the result will not be accurate.
- **Maximum amount of sell orders** - the setting defines the maximum number of sell orders. Optimization of this setting is not recommended, as the result will not be accurate.

< --- IV --- > < --- Settings the order steps --- >

- **Step between the order points** – the setting defines the number of points for creation of the next order against the trade. The setting can be utilized for optimization.
- **Series of orders** – the setting directs the advisor to increase the distance between the orders after certain number of orders. The setting can be utilized for optimization.

< --- V --- > < --- Settings for balance management --- >

- **Deposit allocated for the advisor** – the setting defines certain amount of money to be used by advisor. This helps to secure the trader from losing the deposit completely. The setting defines deposit amount. In case the amount of loss on closed and opened orders together with the money allocated for advisor equals zero, the

advisor will close all the orders and stop trading. To start it again it is recommended to change Magic Number parameter. Depending on the next setting, the profit is distributed between the advisor's deposit and general protected deposit. For example, the advisor's deposit is \$100, total deposit is \$900. The advisor has earned \$100. Next setting states "10% to the advisor's deposit, 90% to general protected deposit. Thus, \$10 will be added to the balance of the advisor, 90% will be added to the general deposit. The balance of the advisor will become \$110, whereas protected balance reaches \$990. In case of loss, advisor can only lose \$110. Trader's deposit will remain \$990. Optimization of this setting is not recommended, as the result will not be accurate.

- **Distribution of the profit between the advisor's deposit and protected deposit allows setting up the income correlation between advisor's deposit and general protected deposit.** Optimization of this setting is not recommended, as the result will not be accurate.

- It is not recommended to divide the balance – the setting disables income distribution.
- 10% to the advisor's deposit, 90% to the general protected deposit.
- 20% to the advisor's deposit, 80% to the general protected deposit.
- 30% to the advisor's deposit, 70% to the general protected deposit.
- 40% to the advisor's deposit, 60% to the general protected deposit.
- 50% to the advisor's deposit, 50% to the general protected deposit.
- 60% to the advisor's deposit, 40% to the general protected deposit.
- 70% to the advisor's deposit, 30% to the general protected deposit.
- 80% to the advisor's deposit, 20% to the general protected deposit.
- 90% to the advisor's deposit, 10% to the general protected deposit.
- 0% to the advisor's deposit, 100% to the general protected deposit.
- 100% to the advisor's deposit, 0% to the general protected deposit.

- **Minimal profit upon the closure of series of orders in points** – the setting defines the income volume in points upon closure of the series of orders. Averaging formula calculates the price when the order grid closes without loss and profit. This setting allows adding certain number of points to gain the profit upon closure of the order series. The setting cannot be used for optimization.

- **Minimal profit for unprofitable order closure in the deposit currency** – the setting defines minimal profit amount that should be available upon the closure of the orders. Advisor accumulates the profit and, in case there is an unprofitable order, the advisor closes it at expense of accumulated profit. This setting states the profit amount that should remain safe. The setting cannot be used for optimization.

<--- VI --- > <--- Trailing stop setup --- >

- **Trailing stop type** – the setting allows choosing one of the trailing stop types, trailing stop transfers stop loss without loss and thus allowing the advisor to trade by trend in case it is allowed. The setting cannot be used for optimization.
 - **Do not use trailing stop** – the setting disables trailing stop completely.
 - **Classic trailing stop** – classic trailing stop with no modifications.
 - **Trailing stop by Donchian channel** – trailing stop utilizes Donchian channel, this trailing stop type works for long time but takes maximal profit by trend.
 - **Trailing by moving average** – trailing stop uses moving average, this trailing stop type works fast, whereas the profit is of small importance.
- **Trailing stop distance** – minimal price distance from the order price for trailing stop activation. It is also minimal price distance from the indicators and order price for trailing stop to be activated. The setting cannot be used for optimization.
- **Donchian indicator or moving average period for trailing stop** – the setting defines the period for indicator chosen. Can be used for optimization

<--- VII --- > <--- Trading stop time setup --- >

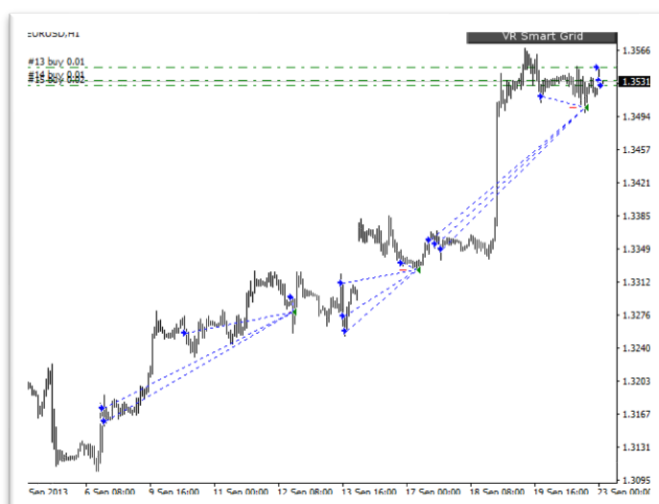
- **Stop trading stop at** – the setting defines the hour that the advisor will stop trading. Optimization of this setting is not recommended, as the result will not be accurate.
- **Renew the trading at** – setting defines the hour when the trader should start trading again. Optimization of this setting is not recommended, as the result will not be accurate.

< --- VIII --- > < --- Trading strategies signals setup --- >

- **Trading strategy signal type** – the setting allows to choose one of the trading strategies to receive the signal to trade. Setting can be used for optimization.
 - **Do not use indicator signals** – trading strategy does not use any signals.
 - **Break of the Donchian channel** – trading strategy for breaking the level of Donchian channel.
 - **Crossing the moving average** – trading strategy for crossing the moving averages.
- **Donchian indicator period of fast moving average** – the setting defines the indicator period and fast moving average.

< --- IX --- > < --- Another settings --- >

- **Show balance information on a chart** – the setting shows balance information on a chart. Optimization of this setting is not recommended, as the result will not be accurate.
- **Order comment** – the setting allows to change the order comment. Optimization of this setting is not recommended, as the result will not be accurate.
- **Serial order number (Magic Number)** – the setting allows to nominate the serial number to an order. This will enable advisor to differentiate own orders from the orders of another advisors. Optimization of this setting is not recommended, as the result will not be accurate.
- **Slippage** – the setting allows to specify the price range that the advisors is allowed to use to open orders. Optimization of this setting is not recommended, as the result will not be accurate.



Expert - VR Smart Grid	
About Common Inputs	
Variable	Value
Type trade	Trade all orders
Type Averaging	All orders
Trade only new bar ?	On
Trade trend ?	Off
Trailing Stop	60
Trailing period	0
Start lot	0.01
MM Type lots	Summ start lot
Point order step	30
Minimal profit for close grid	20
The profit from the partial position closure	3
Show Account Info	On
Magic Number	227
Slippage	30
X	154
Y	2

Recommendations:

The strategy tester is not designed to test the profitability of a trading strategy. In this regard, to achieve the most accurate results, testing must be carried out on a demo account or a real cent account. The strategy tester is designed to test the program code and identify program errors in the code, as well as identify the non-compliance of the program technical specification or trading strategy.

Attached to the program files a table with optimization in which selected several hundred configuration settings, which gave a positive result on historical data.

The name of the Optimization VR Smart Grid file. xlsx open any tabular program such as excel. In the setup file for the EURUSD currency pair for the hourly period.



Requirements

A computer or a VPS/VDS server that is based on a Windows operating system. 1GB RAM or more. Our testing is carried out on the company's servers [Fozzy](#), our choice fell on this company because servers work quickly and reliably, and also not expensively. At the end of the manual there is a discount coupon for hosting [Fozzy](#) on 10%. It is important to note that approximately 3 MetaTrader terminals can be launched at the lowest hosting rate.

We recommend that you check for updates at least once a month.

Links to resources



Official page on the author's website [VR Smart Grid](#) here updates and new versions come out in the first place, just on the official website you will find information about the free activation. On the specified page you can ask questions, read discussions and recommendations of other users.



Our channel in [YouTube](#)

Paid use of the EA

You can find and purchase a paid version of the program in your MetaTrader terminal in the Market terminal tab.

Free use of the EA

We have several large brokers working with us to provide brokerage services to traders. According to the concluded agreements, **all of the software from the website** <http://trading-go.ru/> including adviser VR Smart Grid is available to customers of our partners for **free**! You can select a broker to work with and receive the program for free on the page [Partners](#).

Free use is carried out according to the activation conditions described on the page [The conditions for obtaining the activation](#).

Recommended VPS/VDS server

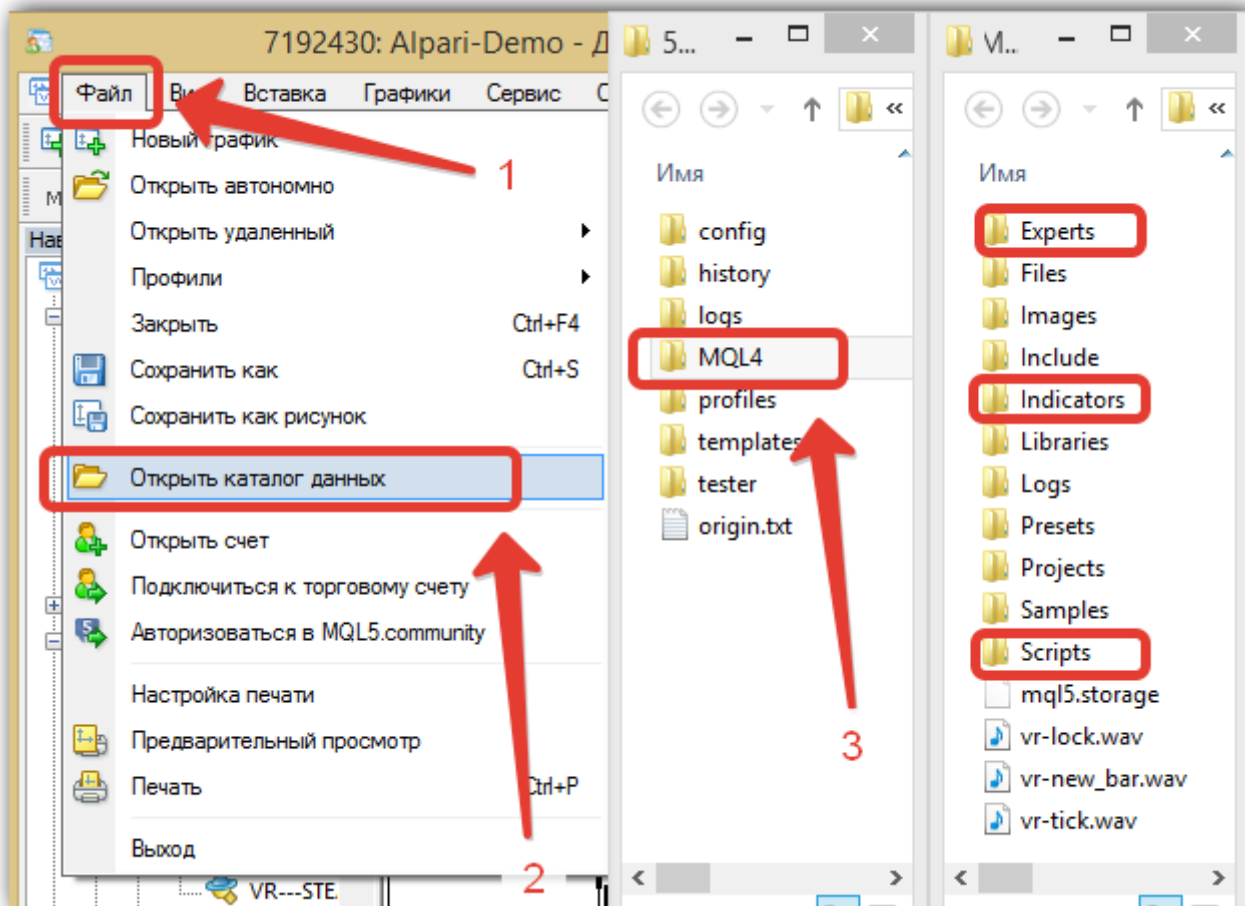
To trade in the "non-stop" mode, you need a dedicated server, the best solution we have tested will be the hosting company [Fozzy](#). To receive a one-time discount of 10%, enter the promo code when registering: **trading-go**



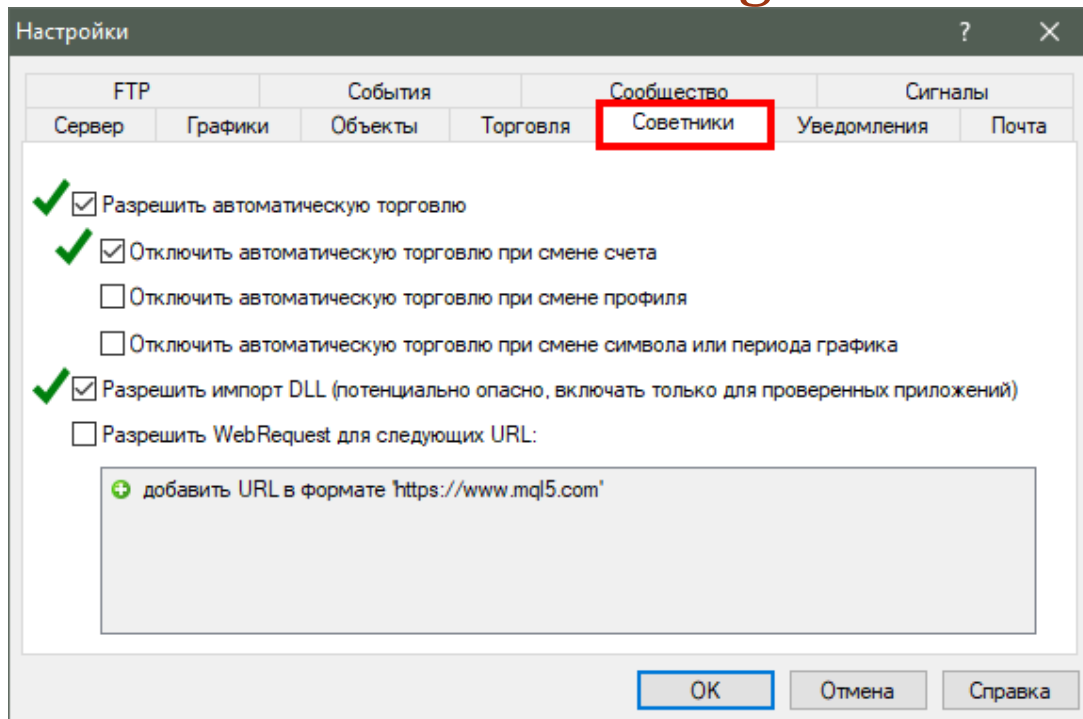
How to install

An easy way to install applications for the MetaTrader terminal

- Path to install expert advisors in MT4 Terminal > File > open data catalog > MQL4 > Experts
- Path to install indicators in MT4 Terminal > File > open data catalog > MQL4 > Indicators
- The installation path of the scripts in your MT4 Terminal > File > Open data folder > MQL4 > Scripts folder
- The installation path of libraries in your MT4 Terminal > File > Open data folder > MQL4 > Libraries



Terminal settings



Contacts and tech support

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