Exp - VirtualTradePad

Type: Control panel for manual and semi-automated trading
Terminal: MT4 and MT5
Functions: One-click trading, Signals from 10 indicators of 8 TF each and a common signal for trading,
Info Dashboard, One-Click Close, One-Click Reverse, Virtual \ Real Stop Levels (Stop Loss, Take Profit), Autolot, Work Pending or Real Orders, Classic Trailing Stop, Closing by Profit or Loss ...

Links:

- Full Guide and manual
- Download Demo version
- Buy license for FULL MT4 or for FULL MT5
- Comments, Discussion

Extra Links:

- Recommended brokers
- How to install advisor
- How to test and optimize advisor
- Solving problems with the advisor. Log Files for MetaTrader 4
- Solving problems with the advisor. Log Files for MetaTrader 5
- How to buy and update on our website
- How to buy and update on the website mql5.com

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Description

VirtualTradePad or VTP - control panel for trade in 1 click in MetaTrader 4 \ 5:
buy, sell, buystop, buylimit, sellstop, selllimit, close, delete, modify, trailing stop, reverse, lock, Grid, VirtualStops, Profit/ loss total close.
Trade in 1 click from the terminal graph.
Trade with the keyboard.
The program for scalping and manual trading on Forex.

Working Tabs:

1. **Positions tab** - Work with positions. Including the opening of BUY and SELL, closing, reverse, locking, changing stop-loss and take-profit, modifying, including trailing stop, closing only profitable positions, closing only loss-making positions.
2. **Orders tab** - Work with Pending and Limit Orders. Including installation, removal, creating grid of pending orders, work with a distance. And also, work with the magic button, which allows you to set pending orders on the chart and fix a StopLoss TakeProfit at your levels and lines.
3. **Signals Tab** - Tab was showing signals from 10 standard indicators and 8 timeframes. The tab also shows the cumulative percentage of signals in the BUY SELL directions. It is also possible to open the position automatically when the aggregate signal is exceeded.
4. **INFO tab** - Information tab showing the current specification of the selected symbol, current stop loss and take profit goals, as well as profit for today, yesterday, week, month.
5. **CLP tab** - Work with the function of closing on the total profit or loss. It allows you to set the size of profit and loss in points, dollars, percent. Closing separately in the directions BUY/SELL, Include virtual stoploss and take profit and check each position separately. Also, in this tab is available the option of Trailing the total profit.

Features of the program:

1. Works on any account, any broker.
2. Does not require special training skills
3. Easy and intuitive interface
4. Only the most important functions

5. Quick response to any team

Important Features:

1. If the position is correctly opened, the same **sound** is heard as in the terminal at the opening;
2. If an error occurs, there will be an **error sound**;
3. You can not set the **stop level less than the minimum** allowed on the server or 0;
4. On the BUY, SELL buttons, the arrows indicate the change in the buy/sell **price**;
5. The information board of the name of the currency pair, the volume of the open position, and the total profit for this currency;
6. Close button **X** - ends the program;
7. Button Collapse \ Expand - collapses \ unfolds the panel on the chart;
8. The panel can be moved according to the chart. To do this, click on the top row of the panel next to the Close and Collapse buttons and drag the panel to a convenient place for you.
9. The information currency is shown in the currency of your deposit (Dollar, Euro, Ruble, Cents)
10. All values of all fields will be written to global variables! Therefore, when the terminal is restarted, all field values will be set from global variables.
11. If the field flashes red, then YOU made an error.
12. **Value Point = Points of your broker.**
13. **If you have a 5 \ 3 digit broker, then 1 point = 0.00001 \ 0.001**
14. **If you have a 4 \ 2 digit broker, then 1 point = 0.0001 \ 0.01**
15. **The version for the MetaTrader 5 terminal now can use scrolling (on the mouse):**
    If you hover over the field for editing the parameter (lot, stop loss, take profit, distance, CLP), then when scrolling with scrolling, you can increase or decrease the value in this field!
    Note: Only for MetaTrader 5!
    Note: Scrolling of the chart is disabled if the cursor is on the area of our VIRTUALTRADEPAD panel and is enabled if the cursor is outside the VIRTUALTRADEPAD area.

Изменяемые размеры панели
Resizable Panel Size

Size 10

Size 12

Size 17

Tabs for trading in 1 click:

The Position tab

This version was developed for trade orders BUY, SELL. And also, support functions, such as Modification Stop-loss, Take-profit, Trailing stop, Position reversal, Closing position.

Interface :

1. At the top of the tab, you can see: the name of the currency pair, the current type, and the lot of the aggregate position on the account for this currency pair and the magic numbers, as well as the current aggregate profit.
2. On the button **BUY** - shows the current price of ASK on which you can **BUY** the lot.
3. On the button **SELL** - shows the current price of BID on which you can **SELL** the lot.

Management :

1. **Lots** field is the object of lot management. When you press the "+" buttons, the lots will increase in increments of the minimum available lot on the server. The lot does not fall below the lot minimum allowed on the server. The increment of the lot can be adjusted in the settings. You can also include a dynamic lot as a percentage of the balance, as well as from the StopLoss. Then in the Lot field - you specify the interest;
2. **BUY** - opening a position to buy (Ask price at the top);
3. **SELL** - opening a position for sell (the Bid price at the top);
4. **REVERSE** - the function of reverse positions. StopLoss and TakeProfit set a new one from the StopLoss and TakeProfit fields. For example: Buy positions are opened when you click on Reverse - all BUY

positions are closed, and the SELL position opens. If there are a BUY and SELL position in the trade, then using the Reverse button - all positions will be reversed;

5. **LOCK** - Lock positions. For example: If you open BUY positions with lot 0.3 and/or SELL position with lot 0.1, then when you use the LOCK button, the expert advisor will open the SELL position with lot 0.2 and remove all stop-loss and take-profit from all positions. (BUY 0.3 + SELL 0.1 = SELL 0.2)
6. **CLOSE** - closing the entire position;
7. **LOSS** - closing of all positions that are in loss, that is, profit position is less than 0.
8. **PROFIT** - closing of all positions that are in profit, that is, profit position is greater than 0.
9. **Takeprofit** / **Stoploss** - the Take-Profit and Stop-loss for the position. When you press the "+" buttons, the take profit/stop loss will increase in steps of 1 point (the step can be adjusted in the settings). TakeProfit / StopLoss does not go below 0 or the minimum available on the server. From the zero value, when you click on "+" Take Profit immediately takes the lowest possible value on the server. If Take Profit / Stop Loss = 0, its value is displayed in red. If Take Profit / Stop Loss is not 0, its value is displayed in green;
10. **CheckBox Takeprofit** / **Stoploss** enables or disables the use of Takeprofit / Stoploss
11. **Target / STOPLOSS / TAKEPROFIT** - sets the general stop loss or take profit of all positions in one direction!
12. After clicking on the button **Target** - You can specify the price on the chart, and all the stop-loss or take profit of all positions will be set at this price!
13. <u>You can also set the stpoloss / take profit to a certain level in percentage / points / deposit currency.</u>
14. **MODIFY** - urgent modification of positions with a specified TakeProfit / StopLoss. Here you can reset stop levels to 0 or change them;
15. **Trailing stop** - the selection of tracking an open position using the standard Trailingstop;
16. **ON button** - Turn Trailing Stop on. Enabled for the currently selected pair. To turn off, you must press OFF. The following field determines the Trailing Stop distance.
17. **The field for entering the distance of the Trailingstop**. It is installed in points. Set the distance to start the trailing stop. For example, = 100, the expert advisor modifies the stop loss to 0 (the opening price) when the position gains 100 points of profit. The next stoploss will be tightened for the price. With an increase in profit of 110 points, stop-loss is modified to +10 points from the opening price. The step of increasing stoploss can be adjusted in the settings.
18. **BE** - Set stop-loss to breakeven for all profitable positions. On the Positions tab, the **BE** button is added - Set stoploss to lossless for all profitable positions.
    This function sets break-even only for the current positions once. The break-even calculation also uses swaps and a commission.
    This is a manual stop-loss in a break-even position for the current positions, which have a profit!

Using Target StopLoss and Target TakeProfit:

Positions management, closing, deleting Stop Loss, deleting Take Profit on the chart:

Selecting the language of the text on the buttons:

When using the Show_Future_Line function and hovering over the BUY SELL buttons, future levels and additional information on a future transaction will be displayed:

12:30:26
Position Order Signal Info CLP
EURUSD LOCK 0.00 -10.00$
REVERSE
LOCK
SELL
BUY
1.14
Click to open BUY
LOSS
CLOSE
PROFIT
StopLoss
322
TakeProfit
330
TRAILINGSTOP
ON
1
OFF
BE
VirtualTradePad by Expforex 2008-2020
-00:29:34
TakeProfit 1.09815|330 p|376.20$|3.832%
BUY 1.14 Margin=1248.08$
StopLoss 1.09163|322 p|367.08$|3.739%

Order tab

09:49:02
Position Order Signal Info CLP
PLACE
DELETE
BUY STOP
SELL STOP
BUY LIMIT
SELL LIMIT
BUY STOP
SELL STOP
BUY LIMIT
SELL LIMIT
Stoploss
500
Takeprofit
1000
Distance
100
Lots
1.00
Grids
1
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This version was developed to trade orders Buy Stop, Buy Limit, Sell Stop and Sell Limit, as well as support functions, such as Stop Loss, Take Profit, order distance, setting order grid, deleting orders.

Management :

1. **Distance** - The distance in points for indentation when placing a pending order. As with **TakeProfit** / **StopLoss**, this value can not be set less than the minimum allowed on the server. The step of changing the distance can be adjusted in the expert advisor's settings;
2. **TakeProfit** - an indent of TakeProfit for a pending order in points;
3. **StopLoss** - an indent of StopLoss for a pending order in points;
4. **Lots** - trading volume (in lots or percentage, depending on external settings) for a pending order;
5. Block **PLACE** - options for opening: Buy Stop, Sell Stop, Buy Limit, Sell Limit;
6. Block **DELETE** - options for deleting pending orders: Buy Stop, Sell Stop, Buy Limit, Sell Limit;
7. **GRIDs** - the number of opened orders. If there is more than 1, then the grid of pending orders is opened at Distance points from each other. The lot increment can be adjusted in the external settings.
8. **Target STOPLOSS / TAKEPROFIT** - sets the general stop loss or take profit of all orders in one direction!
9. After clicking on the button **Target** - You can specify the price on the chart, and all the stop-loss or take profit of all orders will be set at this price!

Using Target StopLoss and Target TakeProfit:

Future levels of pending orders

Additional buttons are available for MT5 version:

1. **BUY LIMIT STOP** - this type is the combination of the first two types, being a stop order to place a Buy Limit order. As soon as the future Ask price reaches the stop level specified in the order (Price field), a Buy Limit order will be placed at the level specified in Stop Limit Price field. A stop level is set above the current Ask price, while Stop Limit price is set below the stop level. Distance field is used as a distance between an order and a stop limit - after setting an order, you can modify the prices with a mouse on the chart the order is placed at.

2. **SELL LIMIT STOP** - this type is a stop order for placing Sell Limit. As soon as the future Bid price reaches the stop level specified in the order (Price field), a Sell Limit order will be placed at the level specified in Stop Limit Price field. A stop level is set below the current Bid price, while Stop Limit price is set above the stop level. Distance field is used as a distance between an order and a stop limit - after setting an order, you can modify the prices with a mouse on the chart the order is placed at.

MagicTarget button

Magic Target - Установка отложенных ордеров на графике с помощью курсора
Magic Target - Place pending orders on the chart with the cursor

A magic button for setting a pending order or position on the chart, by specifying installation levels with the cursor.

VirtualTradePad
Magic Target - Установка ордеров на графике
Magic Target - Place orders on the chart
Exp forex
ONE CLICK
MT5
MT4
09:17:31
Position Order Signal Info CLP
PLACE
DELETE
BUY STOP
BUY LIMIT
StopLoss
200
TakeProfit
500
Distance
200
Lots
1.0
Grids
3
VirtualTradePad by Expforex 2008-2019
Order Time Type Size Symbol Price S / L T / P Price Commi... Swap Profit Comment
Balance: 4 588.83 USD Equity: 4 588.83 Free margin: 4 588.83
0.00
Trade Exposure Account History News Alerts Mailbox Company Market Signals Articles Code Base Experts Journal

22:32:24
Position Order Signal Info CLP
PLACE
DELETE
BUY STOP
PLACE
SELL STOP
BUY LIMIT
SELL LIMIT
CANCEL
StopLoss
34
TakeProfit
11
Distance
100
Lots
2.0
Grids
1
VirtualTradePad by Expforex 2008-2020
-00:00:36
TAKEPROFIT 1.09482(12 p) (2.09$) SLx0.35
BUYSTOP 0.19 M=207.97$ Price=1.09470 SL=1.09436 TP=1.09482
STOPLOSS 1.09436 (34 p) (6.46$)

1. When you point the cursor on the current bars - the advisor will set a pending or limit order, depending on the selected StopLoss and TakeProfit settings.
2. If you hover the cursor above the current price - the Expert Advisor can only install BUYSTOP or SELLIMIT (depending on the subsequent installation of StopLoss / TakeProfit)
3. If you are hovering below the current price - the Expert Advisor can only install SELLSTOP or BUYLIMIT (depending on the subsequent installation of StopLoss / TakeProfit)
4. If a Stop Loss and Take Profit is not set - the Expert Advisor can only set BUYSTOP (above the current price) or SELLSTOP (below the current price)
5. When you move the cursor to the future (beyond the current bars), the advisor will set the BUY or SELL position, but you can specify the stoploss / takeprofit levels on the chart, using the lines.
6. When Grids parameter is greater than 1, the Expert Advisor will set the grid of pending orders, with the initial price indicated by the cursor.
7. **Place** - activates and sets the specified pending order or position
8. **Cancel** - Cancels the current preset levels
9. To exit the **MagicTarget** mode - press the **MagicTarget** button again
10. **MagicTarget_Button_KEY = BUTTON_O -** Activation of the Magic Target, by default "O". **The tab on Orders automatically changes!** you need to enable the option in the **KeyBoardTrade** = true in panel settings
11. **MagicTarget_Place_KEY = BUTTON_P -** Set the order for the displayed levels, according to "P". you need to enable the option in the **KeyBoardTrade** = true in panel settings
12. **MagicTarget_Cancel_KEY = BUTTON_I -** Cancel displayed levels, according to "I". you need to enable the option in the **KeyBoardTrade** = true in panel settings
13. Added the ability to drag an entire order on a chart using **MagicTarget**:
14. When installing lines, you can change line levels by dragging lines on the chart.

15. Added the ability to drag the entire order, holding down the SHIFT button and dragging the main line of the opening price.

Keyboard trading

For trade from the keyboard, you need to enable option in the **KeyBoardTrade** = true in panel settings:

1. **KeyBoardTrade** = false;
2. **Buy_KEY** = BUTTON_D;
3. **Sell_KEY** = BUTTON_A;
4. **Close_KEY** = BUTTON_X;
5. **LossCLOSE_KEY** = NONE;
6. **ProfitCLOSE_KEY** = NONE;
7. **Reverse_KEY** = BUTTON_Q;
8. **Lock_KEY** = BUTTON_E;
9. **MagicTarget_Button_KEY** = BUTTON_O;
10. **MagicTarget_Place_KEY** = BUTTON_P;
11. **MagicTarget_Cancel_KEY** = BUTTON_I;

Also the window from which you will trade should be active!

Attention! The deal will be opened from the panel whose chart window is now active!

KeyBoardTrade
trade from Keyboard

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The Signal tab

This tab is informational. Analyzing the main trading strategies for 10 indicators and 8 TF, the Panel displays the direction of the indicator signal graphically. The percentage of signal strength for BUY and SELL is also indicated. Also, you can include the possibility of an automatic opening of positions on the excess of interest.
The percentage at which the position is opened, or the signal is notified - can be configured in external settings.

All the parameters of the indicators can be configured in the external settings.
The signal calculation bar can be adjusted in external settings.

Added new features:
Change TF when you click on the object:
If you click on the name of the timeframe, then this timeframe will be applied to the current chart.

Only for mt5:
When you click on the indicator name, this indicator (with parameters from external settings) will be added to the current chart window.
Clicking on the arrow will open Time Frame and add an indicator.

Graphic features

1. x - no signal;
2. Arrow up - signal BUY;
3. The down arrow is the SELL signal.

Indicators used in this tab:

Bars - shows the direction of the candle for the selected TF.

1. If the opening of the candle is lower than the closing of the candle - the BUY signal is displayed
2. If the opening of the candle is higher than the closing of the candle - the signal SELL

MA - shows the direction of the intersection of the fast and slow line indicator Mooving Average

1. If the Fast MA is above the slow MA, the BUY signal is displayed
2. If the Fast MA is below the slow MA, the SELL signal is displayed

MACD - shows the direction of the intersection of the Signal and the main line of the indicator Moving Average Convergence / Divergence

1. If the Main line is above the Signal Line, the BUY signal is displayed
2. If the Main line is below the Signal Line - the SELL signal is displayed

Stoch - shows the direction of the intersection of the Signal and the main line of the Stochastic indicator Oscillator

1. If the Main line is above the Signal Line, the BUY signal is displayed
2. If the Main line is below the Signal Line - the SELL signal is displayed

RSI - shows the direction of the intersection of the main line of the set level of the Relative Strength Index

1. If the main line is below 30 - BUY signal is displayed
2. If the Main line is above 70, the SELL signal is displayed

CCI - shows the direction of the intersection of the main line of the set level of the indicator Commodity Channel Index

1. If the Main line is below -100 - BUY signal is displayed
2. If the main line is above 100, the SELL signal is displayed

WPR - shows the direction of the intersection of the main line of the set level of the indicator Larry Williams'

Percent Range

1. If the main line is below -80- the BUY signal is displayed
2. If the Main line is higher than -20-, the signal SELL

BB - shows the intersection of the price of closing the candles and bars of the indicator Bollinger Bands

1. If the closing price of the candle is lower than the lower band BB - the BUY signal is shown
2. If the closing price of the candle is higher than the top bar BB - the signal SELL

IKh - shows the direction of the intersection of TENKANSEN_LINE and KIJUNSEN_LINE of the indicator Ichimoku Kinko Hyo

1. If TENKANSEN_LINE is below KIJUNSEN_LINE - BUY signal is displayed
2. If TENKANSEN_LINE is higher than KIJUNSEN_LINE - the SELL signal is displayed

ALI - shows the position of the lines of the Alligator indicator

1. If the jaws of the alligator have fewer teeth and teeth have less lips - the BUY signal is displayed
2. If the jaws of the alligator are above the teeth and the teeth are above the lips - the SELL signal is displayed

Attention! The indicator signal algorithm is selected by one of the standard signal detection techniques from standard MetaTrader indicators

Info tab

INFO - information tab for the selected symbol in the terminal MetaTrader.

Main factors:

1. The name of the currency pair, the presence of an open position for the symbol, its type, and size of the lot.
2. The profitability of the current position in dollars, points, and percent of the current deposit.
3. Current spread (if the spread is floating, the name is (F)).

4. The current minimum indent for stop orders and pending orders.
5. Swap short and long positions.
6. Type of execution of positions.
7. The cost of 1 point of price movement in the deposit currency to the current set lot in the terminal at this position.
8. Distance to stop loss in points and dollars.
9. Distance to take profit in points and dollars.
10. The daily profit or loss for this currency pair is currently in dollars, in the deposit currency, as well as in percentage of the current balance.
11. Weekly profit or loss for this currency pair for the current week in dollars, in the deposit currency, as well as in percentage of the current balance.
12. The monthly profit or loss for this currency pair for the current month in dollars, in the deposit currency, as well as in percentage of the current balance.
13. The annual profit or loss for this currency pair for the current year in dollars, in the currency of the deposit, as well as in percentage of the current balance.
14. All history profit or loss for this currency pair in dollars, in the deposit currency, as well as in percentage of the current balance.

ProfitorLoss CLP tab

More about this + video tab

The control panel closes by the general profit or loss in dollars, pips, and % of the balance. The panel can be used as a virtual stoploss or takeprofit. There is also an emergency button - Close ALL.
Added the ability to profit trailing.
If you see a red indicator, then the function is turned off and does not work;
If you see a green indicator, then the function is turned on and working.

Main characteristics:

1. The panel works on the symbol that is set (Current Symbol) or considers the total profit or loss for all symbols (All symbols).
2. The panel can be used as a virtual stop loss or take profit. To do this, set profit and loss and tick off Separate Orders. The EA will close positions separately from each other, according to the set profit and loss values in points, dollars, percentages
3. In the panel, you can choose the type of closing: for profit in dollars, in pips or % of balance, as well as for loss in dollars, in pips or % of the balance.
4. Also, there is a button "CLOSE ALL", which closes the position of the symbol or all positions (depending on the choice) instantly.
5. Directly on the panel displays information about the current state of your positions for the selected methods of closing.
6. Profit can be set only above 0. If you set 0 - the field will flash red. This means that the set value with an error, and this field will not work with the Expert Advisor. If YOU set a value with a minus, the EA will automatically move the field to a positive value (for example -100 = 100)
7. The loss can only be set to below 0. If you set 0, the field will flash red. This means that the set value with an error, and this field will not work with the Expert Advisor. If YOU set a value with a plus, the EA will automatically move the field to the minus value (for example 100 = -100)

Terms of use:

1. Place the panel on your currency pair.

2. Depending on how you want to close positions (for all characters or the current one), select the corresponding option on the panel itself.
3. For the checkbox to select the type of closure to be active, you need to enter parameter values other than 0, with a positive value for profit, and negative for a loss, for example, -100.
4. Check the boxes of units you want to use when closing (Profit \ Loss in points \ dollars \ percents).
5. Enable the Close if Profit or Loss button, it should turn blue. This means that the EA is involved in the work.
6. As soon as the profit or loss of your positions crosses the mark of the established levels, the deals will be closed.
7. The emergency button CLOSE ALL is designed to close all positions instantly.

Control:

1. **All Symbols** - Use closing on all symbols.
2. **XXXXXX only** - Use closing only on the current currency pair on which the advisor is installed.
3. **Separate BuySell** - Use a separate closing for positions BUY and SELL.
4. **Separate Order** - Use a separate closing for each deal/position separately.
5. **Profit $** - Enables/disables closing on the total profit in dollars or the deposit currency.
6. **Profit p** - Enables/disables the closing of the total profit in points.
7. **Profit%** - Enables/disables closing on the total profit as a percentage of the current balance.
8. **Loss $** - Turns on / off the closing for the total loss in dollars or the deposit currency.
9. **Loss p** - Enables/disables the closing of the total loss in points.
10. **Loss%** - Enables/disables the closing of the total loss in percent of the current balance.
11. **Close if Profit or Loss ON** - The closing function for total profit or loss is ON
12. **Close if Profit or Loss OFF** - The closing function for total profit or loss is OFF

Trailing Profit

The function of profit trailing at set values.

This function includes trailing profits (floating profit) at closing.
Those, in this case, the profit is closed, not fixed, but with the trailing of the specified value. Those. As soon as the profit has reached the specified value, the EA remembers the current value of profit and then tightens this value after the profit.

For example :

If you set the close at profit 10 dollars:
Profit $ (checkbox) - close in plus.
Profit $(field) - how much to close in plus.

TrailingProfit - distance from Profit $, at which achievement the trailing of profit is included.

1. When you set Profit $ to 10, and for TrailingProfit to 5, the trailing profit line is set to $ 5.
2. The advisor, when passing the $ 10 mark, will include the profit trailing function and will pull the closing mark after the profit. In the log, the records of the current position of profit will be displayed.
3. After the total profit falls below the last fixed level - TrailingProfit, the advisor will close all deals forcibly.

The option works for all types of closing: All symbols, Current symbol, Separate direction BUY and SELL. Each order is separate.

Virtual Stop Loss/Take Profit Mode on CLP

You can enable Virtual Stop Loss and Take Profit as well as Virtual Trailing Profit on the CLP tab.

In this case all positions will be monitored and closed separately from each other!

You can move these levels only by changing the values on the **CLP** control panel !

You can set **virtual stoploss/takeprofit** in points, deposit currency, percent!

To enable Virtual Take Profit/ Stop Loss mode:

1. Go to **CLP** tab
2. Select the **Separate Deals** check box
3. Set the Virtual TakeProfit
4. Set the Virtual stoploss
5. Enable and activate CLP ON

Additional:
Also, the expert advisor shows approximate closing prices for total profit or loss.
Parameter **Show_Future_BE_TP_SL** - showing lines of the future closing of positions for total profit or loss.
Caution: Only works on the current symbol and when the SEPARATE Orders mode is off.
Lines are shown separately for Buy and Sell positions, or a common line.
If the line is not shown, then the positions form a lock, which can not be closed by the total profit or loss.
Note: Line and price data may not be accurate on the floating spread.
Remember! SELL is closed by ASK, and BUY is closed by BID

FAQ Question Answer by the program Exp - VirtualTradePad

What are the values in the fields for editing in Points or pips?

In points()! The item is taken from the value of the Point () variable of MQL language

1. If you have a 5 \ 3 digit broker, then 1 point = 0.00001 \ 0.001
2. If you have a 4 \ 2 digit broker, then 1 point = 0.0001 \ 0.01

External Variables and Settings

Name	Description
Information options	
GeneralSize	**Size the panel** GeneralSize default = 12, Increasing the size of the panel. Last panel size with GeneralSize = 10!
SymbolToTradeCustom	**Variable indication of the currency pair for the panel operation: SymbolToTradeCustom** This makes it possible to trade on offline charts (Ticks, Renko ..). **Caution**: Be careful when writing a NAME. The name must fully match the name in the Market Review! **EurUSD** - Wrong! **EURUSD** - That's right! If this parameter is not set, the Expert Advisor works on the currency pair on which it is installed!
Sounds Push	**Enables/disables sound alerts when opening/closing/modifying positions and orders**

Name	Description
	You can enable or disable the notification of opening/closing/error on the phone or sound notification in the Notifications section. You can also change the file name for sound in WAV format without specifying a file extension (name only) "================= Notice options =================="; **Notice_Open_Push** = false; **Notice_Open_Sound** = true; **Notice_Close_Push** = false; **Notice_Close_Sound** = true; **Notice_Modify_Push** = false; **Notice_Modify_Sound** = true; **Notice_Error_Push** = false; **Notice_Error_Sound** = true; **Notice_Open_NameSoundFromEa** = "ok"; **Notice_Close_NameSoundFromEa** = "alert2"; **Notice_Modify_NameSoundFromEa** = "stops"; **Notice_Error_NameSoundFromEa** = "timeout";
HintShow	**Turns on / off tooltips when hovering over buttons**
Language	**language selection tips Language**: *Spanish, Portuguese (Brazil), German, Chinese, Japanese;* By default, the language of prompts will be determined automatically by the language of your terminal. You can also choose your language; **The translation was made using the GOOGLE Translator + MQL + Terminal site!**
ButtonLanguage	**ButtonLanguage parameter to select the language of the text on the buttons and the main language of the panel (information on the tabs)!** Available languages: Russian, English, Português, Español, Deutsch! Attention: This parameter affects only the text of buttons and tabs. The text of tooltips can be selected in the Language parameter!
Show_Future_Line	**Enables/disables the display of the virtual lines of the future position.** Works only on the Position tab. If this option is enabled on the terminal graph, the advisor will draw the opening price, stoploss, and takeprofit lines. Will show information about the lot, stop loss and take-profit in the deposit currency, Will show the price levels of the installation of stoploss and takeprofit. <u>Options to the display of information:</u> 1. **false** - do not show information; 2. **true always -** always show on the chart; 3. **true cursor is on the pad** - show only when the cursor is on the panel; 4. **true cursor is not on the pad** - show only when the cursor is outside the

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Name	Description
	panel. 5. **true cursor is only on BUY SELL** - show only when the cursor on the BUY SELL buttons
Show_Future_Line_Orders	**Enables/disables the display of the virtual lines of the future orders.** Works only on the Orders tab. If this option is enabled on the terminal graph, the advisor will draw the opening price, stoploss, and takeprofit lines. Will show information about the lot, stop loss and take-profit in the deposit currency, Will show the price levels of the stoploss and takeprofit. Options to the display of information: 1. **false** - do not show information; 2. **true always -** always show on the chart; 3. **true cursor is on the pad** - show only when the cursor is on the panel; 4. **true cursor is not on the pad** - show only when the cursor is outside the panel.
Show_AveragePrice	**Enables/disables displaying virtual average price lines of all BUY SELL**

Name	Description
	positions. Shows the average price (break-even point) of the BUY and SELL positions. <u>Options to the display of information:</u> 1. **false** - do not show information; 2. **true always -** always show on the chart; 3. **true cursor is on the pad** - show only when the cursor is on the panel; 4. **true cursor is not on the pad** - show only when the cursor is outside the panel. 5. **true cursor is only on BUY SELL** - show only when the cursor on the BUY SELL buttons
ShowInfoPosition	**Show on the chart information about open positions and their Stop Loss / Take Profits.** The information is shown in the form of text labels. Options to the display of information: 1. **false** - do not show information; 2. **true always -** always show on the chart; 3. **true cursor is on the pad** - show only when the cursor is on the panel; 4. **true cursor is not on the pad** - show only when the cursor is outside the panel. 5. **true cursor is only on BUY SELL** - show only when the cursor on the BUY SELL buttons

Name	Description
Show_Prices_on_Tab_Position	Show information about price changes and direction of change on the BUY SELL buttons of the Positions tab
Show_BuySell_LimitStop MetaTrader 5	Show_BuySell_LimitStop - In MetaTrader 5, Additional buttons for opening Buy/Sell Stop Limit orders. You can enable the display of the Buy/Sell Stop Limit open buttons. **Disabled by default!**
TypeofOrdersMagicTarget	TypeofOrdersMagicTarget - Added selection of the type of orders when using MagicTarget, If stop loss and take profit are not used. 1. **BuyStop SellStop** - When using Magic Target without stops, BuyStop / SellStop will be installed (by default, as in previous versions). 2. **BuyLimit SellLimit** - When using the Magic Target without stops, BuyLimit / SellLimit will be installed.
Show_EndOfBar	Show_EndOfBar Added a text label on the chart with the end time of the current bar! It is possible to change the position of the information label about the end of the bar. If you click on this label, then the label will change the position on the chart! Time is shown every tick! This means that if there was no tick, then time stops!
Trade options	
Rounding	**Rounding all prices when opening and modifying orders and positions.** Choices:

Name	Description
	1. No rounding, 2. rounding up to 1 digit, 3. Rounding up to 2 digits. The option is designed for Gold and Silver, as well as for accurately setting the level of pending orders, as well as for brokers, where a specified accuracy of ticks is specified. **Example**: Order setting price = 1.12345 Rounding to 1 digit = 1.12340 Rounding up to 2 digits = 1.12300
MagicNumber	**The magic number for positions and orders, Set when opening. Used in determining the positions and orders for My or someone else's.** 0 - without a magic number - Added MultiMagic. Parameter MagicNumber updated: the first digit is intended to indicate the magic number for opening positions and escorts. You can also specify several magic numbers to accompany; e.g.: --- MagicNumber = 777 UseAllMagicFromAllAccount = true: The Advisor monitors all positions on the current symbol in the entire account; --- MagicNumber = 777 UseAllMagicFromAllAccount = false: The Advisor monitors positions with a magic number of 777 for the current symbol on the whole account; --- MagicNumber = 777,888 UseAllMagicFromAllAccount = false: The Advisor follows the positions with the magic number 777 and 888 (opens positions with the magic number 777) by the current symbol on the whole account; --- MagicNumber = 777,888,999 UseAllMagicFromAllAccount = false: The advisor follows the positions with the magic number 777, 888 and 999 (opens positions with magic number 777) on the current symbol on the whole account;
UseAllMagicFromAllAccount	**It allows you to take into account all positions opened in the terminal for this currency pair.** Example: **UseAllMagicFromAllAccount = true** then all positions with any magic number will be taken into account when opening, closing, modifying, overturning, information ..... **UseAllMagicFromAllAccount = false** The expert advisor takes into account only those deals that have the **MagicNumber**
MarketWatch	**It includes the ability to open positions with stoploss / takeprofit on an account with MARKET execution.** The first opens the position, after the successful opening, the levels of StopLoss

Name	Description
	and TakeProfit are modified.
Slippage	**The level of maximum possible slippage in points when opening and closing positions.** **Example**: **Slippage = 1** Maximum deviation when opening a position = Opening price + -1 point. **Slippage = 100** Maximum deviation when opening a position = Opening price + -100 point. **For example,** the price of opening a position when sending an order to the server = 1.12345 But, if during the time of sending and opening a position the price has changed within 100 points, then the position will open with a slip in the range of 1.12245 - 1.12445
VirtualSLTPUse	**Use virtual levels stoploss/takeprofit when opening positions.** When this option is enabled, the real stoploss and takeprofit will be hidden from the broker. The Expert Advisor will store the levels of stops in the array. **Attention**: Virtual Stoploss and TakeProfit work only when the terminal is on.
Digitss	**The number of decimal places in the display on the Position tab on the BUY SELL buttons** Choices of choice: Show_for_4_digits and Show_for_5_digits
CommentOrders	**A comment that will be added to the position or order comment when opened.** **Example**: CommentOrders = "**Super**" Position comment: **Super** **Added the ability to work with Binary Options BO:** CommentOrders parameter updated. Now you can set the expiration time of the option, for example, 5 (Close after 5 minutes)! Unique comment support for brokers with BOs that require an individual comment. **For example**: CommentOrders = CLOSE31 (Close after 31 minutes) Specify the rules for writing a comment on the BO with your broker!
Trade from Keyboard options	
KeyBoardTrade	**Using the keyboard as a trade in one click**

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Name	Description
Buy_KEY = BUTTON_D	Open the BUY position with the D key
Sell_KEY = BUTTON_A	Opening the SELL position with the A button
Close_KEY = BUTTON_X	Closing positions with the X button
LossCLOSE_KEY = NONE	Closing only loss-making positions is not established
ProfitCLOSE_KEY = NONE	Closing only profitable positions is not established
Reverse_KEY = BUTTON_Q	Flipping positions with the Q button
Lock_KEY = BUTTON_E	Lock positions with the E button
MagicTarget	Working with MagicTarget: Added hot button to activate the MagicTarget / Cancel / Place button **MagicTarget_Button_KEY** = BUTTON_O - Activation of the Magic Target, by default O. The tab on Orders automatically changes! **MagicTarget_Place_KEY** = BUTTON_P - Set the order by the set levels, by default P. **MagicTarget_Cancel_KEY** = BUTTON_I - Cancel by the displayed levels, by default I. Added the ability to drag an entire order on a chart using MagicTarget: When installing lines, you can change line levels by dragging lines on the chart. Added the ability to drag the entire order, holding down the SHIFT button and dragging the main line of the opening price.

Orders	Added the ability to pending/delete stop/limit orders from the keyboard:
	BuyStop_Open_KEY = BUTTON_G; // BuyStop_Open_KEY -> Button to Open BuyStop order;
	SellStop_Open_KEY = BUTTON_H; // SellStop_Open_KEY -> Button to Open SellStop order;
	BuyLimit_Open_KEY = BUTTON_J; // BuyLimit_Open_KEY -> Button to Open BuyLimit order;

Name	Description

	SellLimit_Open_KEY = BUTTON_K; // SellLimit_Open_KEY -> Button to Open SellLimit order;
	BuyStop_Delete_KEY = BUTTON_V; // BuyStop_Delete_KEY -> Button to Delete BuyStop order;
	SellStop_Delete_KEY = BUTTON_B; // SellStop_Delete_KEY -> Button to Delete SellStop order;
	BuyLimit_Delete_KEY = BUTTON_N; // BuyLimit_Delete_KEY -> Button to Delete BuyLimit order;
	SellLimit_Delete_KEY = BUTTON_M; // SellLimit_Delete_KEY -> Button to Delete SellLimit order;

Lot options	
CloseConfirm **ReverseConfirm** **LockConfirm** **BuySellConfirm**	Added CloseConfirm function - user confirmation for closing positions. When you click on the buttons: Close, Loss, Profit. Added ReverseConfirm function - user confirmation for position reversal. When you click on the buttons: Reverse. Added LockConfirm function - user confirmation for blocking positions. When you press the buttons: Lock. Added parameter BuySellConfirm - Confirmation of opening positions by clicking on BUY or SELL;
Lot options	
DynamicLotStopLoss	**Enabling the dynamic calculation of the lot from the established stoploss as a percentage of the free margin.** When the position is closed on the stop-loss, the loss of this position is equal to the fixed percentage of the free margin. **Example**: **DynamicLotStopLoss = true**

Name	Description
	field Lots = 2 field Stoploss = 500 Free margin = 9999 Possible loss = $ 200 Calculated lot = 0.39
DynamicLotAuto	**Enabling dynamic lot calculation in percent of free margin and other factors.** 1. calculate lots by percent of balance 2. calculate lots by percent of equity After enabling this function, the **lot** field on the panel will work as a percentage of the autolot. To find out which lot will open, set the **Percentage** in the **lot** field and hover over the **Buy** or **SELL** buttons on the chart you will see the expected lot that opens with this percentage. AUTOLOT Calculation of our autolot.
RiskRate = 0	**RiskRate - the rate of your currency against the dollar.** By default, RiskRate = 0 - means that the Expert Advisor will try to find the correct rate in the Market Review. For Autolot to work adequately with all currency pairs, you need to include the "**Show all currency pairs**" in the Market Watch. Do not change this parameter if you do not understand its logic! Contact us for help if something doesn't work.
CoefLotForGridOrders= 1;	**multiply the next lot in the grid of pending orders when used on the Orders tab**

Name	Description
	Example: **CoefLotForGridOrders** = 2, Grid = 5, then the lots will open like this: 0.1, 0.2, 0.4, 0.8, 0.16
AddLotForGridOrders= 0;	**Additional lot for each element of the grid of pending orders when used on the Orders tab.** Example: **AddLotForGridOrders** = 0.1, Grid = 5, then the lots will open like this: 0.1, 0.2, 0.3, 0.4, 0.5
MaxLotToOpen	Maximum lot that can be set when calculating functions DynamicLotStopLoss and DynamicLotAuto
Step options	
Step_Lots = 0.01	The step of changing the LOTS field when using + -
Step_StopLoss = 1	Step of changing the StopLoss field when using + -
Step_TakeProfit = 1	Step of changing the TakeProfit field when using + -
Step_Distance = 1	Step of changing the Distance field when using + -
Step_TrailingStop = 1	The step of changing the trailing stop in the modification of positions. It is installed to work with the TrailingStop function. Example: **Step_TrailingStop** = 1 With a trailing stop, the stoploss changes in steps of 1 point: 1.12345, 1.12346, 1.12347, ... **Step_TrailingStop** = 15 With a trailing stop, the stoploss changes in 15-point increments: 1.12345, 1.12360, 1.12375, ...
Breakeven options	
MovingInWLUSE = false	**Enable the break-even function.** The function modified the stoploss in **LevelWLoss** points when the position **reached** the **LevelProfit** of the profit points. **Example**: **LevelWLoss = 50 LevelProfit = 200** As soon as the position accumulates 200 points of profit, StopLoss of the position will be modified to the opening price of the position (+ spread) + 50 points **Example**: **LevelWLoss = 0 LevelProfit = 100** As soon as the position accumulates 100 points of profit, StopLoss of the position will be modified to the opening price of the position (+ spread)
LevelWLoss = 0	**The level of stop-loss in the positive zone in points**
LevelProfit = 0	**The number of points of profit that a position must pass for the lossless**

Name	Description
	function to modify the stoploss.
Close by total profit or loss options	
Show_Future_BE_TP_SL	**Show break-even and profit and loss levels on the current chart.** The price of lines is calculated based on the entered values in the fields Profit and Loss in points/dollars/percents. Caution: Only works on the current symbol and when the SEPARATE Orders mode is off. The lines are shown, at the intersection of which, the function of "closing on profit or loss" Lines are shown separately for Buy and Sell positions, or a common line. If the line is not shown, then the positions form a lock, which can not be closed by the total profit or loss. **Note**: Line and price data may not be accurate on the floating spreadsheet. **Remember! SELL is closed by ASK, and BUY is closed by BID** **Important**: Remember that the price of one point can change with the quotations of other currency pairs. **For example,** the price of 1 point of the EURJPY currency pair and the currency of the deposit is the dollar, the USDJPY rate changes affect. The cost of 1 point = 0.01 JPY. If your account is in dollars or rubles, then the cost of the symbol is continually changing. This means that the line of future profit or loss can change. And the exact level of closure can not be predicted. + The level of future profit or loss can be influenced by commission and swaps. And also at closing.

Name	Description
CLP_TralOptionsStep= 0	**The step of changing the level of profit when trailing profits are conventional units (points, deposit currency, percents).** When the Trailing Profit function is in operation, the Expert Advisor remembers the profit level of each 1 conventional unit. Example: **CLP_TralOptionsStep** = 1 The fixation of the level of profit occurs every 1 unit **CLP_TralOptionsStep** = 15 The profit level is fixed every 15 units
CLP_DeleteStopOrders= false	**Delete pending orders when "closing on the total profit or loss"**
Use_Lots_in_CLP_Points = false	When calculating points of profit or loss, the advisor will also take into account the lot of these positions. This option is useful when trading on a hedge account with different lots. **Example**: 1. Open 2 positions SELL for EURUSD 2. SELL 0.01 with a profit of 20 points and $ 0.2 3. SELL 0.02 with a loss of -12 points and -0.24 dollars -**When Use_Lots_in_CLP_Points** = **false**, the Expert Advisor will calculate the "clean" points. In this case, the profit will be -0.04 dollars or 8 points. As we see, the position (Deal) gained profit, but in dollars, it is a loss. -**When using_Lots_in_CLP_Points** = **true**, the Expert Advisor will calculate the points taking into account the Lots. In this case, the profit will be -0.04 dollars or -4 points. **When calculating the profit in points and including the option "Include lots in the calculation of profits,"** the EA finds the minimum lot from the presented positions and, proceeding from this lot, calculates Points. e.g.: Minimum position 0.01, 1 "clean" point = 1 point, If a position with lot 0.02 is opened, then 1 net point = 2 points, including the lot. If the position with lot 0.05 is opened, then 1 net point = 5 points, including the lot.
Use_Commission_in_CLP	Added CLP: New parameter **Use_Commission_in_CLP** - Use calculation of commission when closing positions. **True** - take into account the commission in the calculations.

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Name	Description
	False - do not take into account the commission in the calculations. **Attention**: The commission is calculated from an open deal and multiplied by 2 (When closing a deal a commission is also charged) This is the standard way to calculate commission! In MetaTrader 5, it is impossible to get the type of commission calculation from an adviser! If you do not want the adviser to calculate the commission automatically, you can turn off this feature! **Attention**! This function only affects the calculations on the CLP tab, all other tabs work in standard mode, taking into account commissions.
AutoCorrect_LevelCLP = true	In the loss field, you can now enter only minus values; if the user entered +10, then the system will automatically set to -10. In the profit field, you can now enter only positive values; if the user entered -10, then the system will automatically set to +10. CLP_TralOptions, you can enter an only positive value. Otherwise, the Expert Advisor will return an error.
CPL_AlerT = false	Send a message on profit/loss on a **terminal chart**
CPL_Mail = false	Send a message on profit/loss on a **Mail**
CPL_Push = false	Send a message on profit/loss on a **PUSH**
CPL_CloseTerminalAfterClose= false	Closing the terminal after all positions have been closed
CPL_AUTOOFF_AfterClose	**automatic shutdown of the button "Closing on the total profit or loss" after the closing of all positions.** The disconnect occurs only when ALL Positions are closed. The Magic number specified in the Expert Advisor is taken into account, as well as the symbol for closing. If you choose to close only 1 currency, in this case, the parameter CPL_AUTOOFF_AfterClose is enabled, then the EA waits until all positions for this currency are closed and only after this the EA can turn off the button.
ClosingCurrentTicketOnly	**ClosingCurrentTicketOnly - Close only the current list of tickets.** This option will help to avoid problems when my program starts to close positions based on total profit, and the user's adviser starts to open new positions. 1. **ClosingCurrentTicketOnly** = **true**, Then the VirtualTradePad program, if the total profit conditions are met, will close the current list of positions. If new tickets are added to the list of positions, the VirtualTradePad program will ignore them. 2. **ClosingCurrentTicketOnly** = **false**, Then the VirtualTradePad program, if the total profit conditions are met, will close all positions, even if another adviser opens new positions.

Name	Description
Color options	
MAGIC_FONTSIZE = 12	The text size on the chart when using MagicTarget as well as **Show_Future_BE_TP_SL and Show_Future_Line**
MAGIC_ORDER = clrYellow	The color of the center line and the opening price of the position and the order on the chart
MAGIC_STOPLOSS = clrRed	The color of stoploss lines on the graph
MAGIC_TAKEPROFIT= clrGreen	The color of the takeprofit lines on the graph
NULLColor1 = clrGray	Color in the information in the panel
PLUS_Color = clrLime	The color of the plus value in the panel information
MINUS_Color = clrOrangeRed	The color of the minus value in the panel information
TEXTColor4 = clrAqua	The text color in the panel information
Signals options	
Signals_Percent = 0	**Signals Percent, if the total signal in the Signals tab is exceeded, the set value is in percentage.** 0 - disabled
Percent_difference_Signals	**The percentage difference between the two signals to act (Alert, Open Positions)** **For example:** Signals_Percent = 40% Percent_difference_Signals = 10%: A signal to BUY can only be when the total signal for the direction BUY is> 40% and the total signal SELL <30% The signal on the SELL can only be when the total signal for the direction SELL is> 40%, the total signal BUY is <30%
AutoTrade_by_Signals = false	Automatically open a position when the aggregate signal level has exceeded **Signals_Alert_After_Percent** percent. **Example**: **Signals_Alert_After_Percent = 70** **AutoTrade_by_Signals = true** When the BUY total signal level exceeds 70%, then the EA opens the BUY position When the level of the aggregate SELL signal exceeds 70%, then the EA will open the SELL position
Alert_by_Signals	Added a separate variable to display a message on the screen when the conditions for the general signal are met. Alert_by_Signals - Enables or disables the display of an alert on the screen.
Shift = 0	Bar number for signal Article on signal bars
Signals_M1 - Signals_W1	Enable or disable the display of information on signals for the selected TF
Signals_BARS - Signals_ALI	Enable or disable the display of information by signals for the selected indicators

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Name	Description
Risk Manager Limiting losses / profits / Lots / Numbers Limiting options	
LimitFor = 3	**Added Risk Manager: Risk Manager Limiting losses / profits / Lots / Numbers** **If YOU decided to limit losses on the current client magic, then you can do this in a new block.** **Attention**: This block does not close the deal! He brings up an alert! The next LimitFor, this parameter is reset to 0. Also, you can enable sending messages to mail and phone when reaching the limits NotificationMailSend **Block Limiting updated and supplemented!** This settings block allows users to limit Profit / loss / lots / number of deals/positions for a specified time. A risk manager who monitors your trading and notifies you that the time limit has been exceeded with Current positions / today / week / month / all the time. It is possible to disable the operation of the BUY / SELL / LOCK / REVERSE / BUYSTOP / BUYLIMIT / SELLSTOP / SELLLIMIT buttons if the limit is exceeded. Disables the ability to open deals/positions on the current currency pair if the current value has exceeded the your limit. **Settings**: 1. **CurrentOpenDeals** - Take into account current open deals/positions; 2. **ClosedDeals** - Take into account closed deals / positions over time: 3. **LimitFor** - The time during which closed deals / positions in the history will be checked; 4. **LimitForLosses** - Loss limit at which the EA will sent a message, must be specified with -; 5. **LimitForProfits** - Profit limit at which the EA will sent a message; 6. **LimitForLotsDeals** - Limit of Lots of deals / positions, at which the adviser will sent a message; 7. **LimitForCountDeals** - Limit of the number of deals / positions at which the EA will sent a message; 8. **NotificationMailSend** - Send a message to the phone (PUSH) and mail if the limit is exceeded; 9. **ProhibitOpeningNewDealsOrders** - Disables the operation of the BUY / SELL / LOCK / REVERSE / BUYSTOP / BUYLIMIT / SELLSTOP / SELLLIMIT buttons if the limit is exceeded.

Name	Description
	Choices: 1. **DAY** - take into account the profit and loss for the current day 2. **WEEK**- take into account the profit and loss for the current week 3. **MONTH**- take into account the profit and loss for the current month 4. **ALLTIME**- account for profit and loss for all time. **Example**: You need an expert to send you mail and display an alert on the screen when the total loss for open and closed deals, within LimitFor, will be less than -100 dollars: Your settings will be as follows: 1. LimitFor = 0; 2. LimitForLosses = -100; 3. LimitForProfits = 0; After reaching a loss on the history of the day -100 dollars, the EA will give a message on the screen in the form of Alert and send mail.
LimitForLosses	The loss value

Name	Description
LimitForProfits	The profit value
NotificationMailSend	Also, you can enable sending messages to mail and phone when reaching the limits **NotificationMailSend**
Other MT5 options	
TypeFilling = Auto	**The type of fill positions and orders.** It is used for MT5 terminal. In AUTO mode, the Expert Advisor tries to determine the fill type automatically. But, in some situations, you need to set the fill type yourself. If you get an error when opening a position 10030 TRADE_RETCODE_INVALID_FILL The unspecified type of execution of the remainder order is indicated Set the type of fill that your broker indicates. Example: **FillOrKill** This execution policy means that the order can be executed only in the specified amount. If the market currently does not have a sufficient amount of a financial instrument, then the order will not be executed. The required volume can be made up of several offers available at the moment in the market. **ImmediateOrCancel** It means the agreement to make a deal on the maximum available volume on the market within limits specified in the warrant. In the case of the impossibility of full execution, the order will be executed for an accessible volume, and the executed order volume will be canceled. **Return** This mode is used for market, limit, and stop-limit orders, and only in the modes "Market Execution" and "Stock Execution". In case of partial execution, a market or limit order with a residual volume is not withdrawn but continues to operate. For stop-limit orders, the corresponding limit order with the execution type Return will be created upon activation. If you get a **Rejected** error and when you hover over the order in the history you see this: **(incomplete FOK information of the order)**, Or you have a **BCS broker** or **Open broker**, then you need to install: **TypeFilling** = **ImmediateOrCancel** or **TypeFilling** = **Return** **DayToExpiration** = 1
DayToExpiration = 0	variable for selecting the expiration date of the pending order when trading on FORTS:

Name	Description
	- 0: **ORDER_TIME_GTC** - No expiration date - 1: **ORDER_TIME_DAY** - Expiration of the pending order until the end of the current day - 2: **ORDER_TIME_SPECIFIED_DAY** - The number of days for the expiration of the pending order. The starting point from the current day.

Description of external variables of indicators

Moving Average (MA)

1. MAFastPeriod and MASlowPeriod - periods of MA;
2. MAFastPrice and MASlowPrice - average prices;
3. MAFastShift and MASlowShift - offset to the right bar;
4. MAFastMethod and MASlowMethod - averaging method: simple, exponential, smoothed, linearly weighted.

Moving Average Convergence / Divergence (MACD)

1. MACDFast - the period of fast MA;
2. MACDSlow - the period of slow MA;
3. MACDSignal - the period of the signal MA;
4. MAPrice - the price of calculating the average.

Stochastic Oscillator

1. StochK -% K-period;
2. StochD -% D-period;
3. StochSlowing - slowing the indicator;
4. StochPrice - the settlement price;
5. StochMethod is the averaging method.

RSI indicator

1. RSIPeriod - Indicator period,
2. RSIPrice - Calculation price

Commodity Channel Index (CCI)

1. CCIPeriod - Indicator period,
2. CCIPrice- Calculation price

Williams Percent Range (WPR)

1. WPRPeriod- Indicator period,

Bollinger Band (BB)

1. BandsPeriod - indicator period;
2. BandsShift - offset to the right;
3. BandsDeviation - deviation;
4. BandsPrice - the price of the calculation.

Alligator (ALI)

1. JawPeriod - the period of the jaws, the blue line;
2. JawShift - shift the jaws to the right;
3. TeethPeriod - the period of teeth;
4. TeethShift - a shift of teeth to the right;
5. LipsPeriod - the period of the lips;
6. LipsShift - shift the lips to the right.