

MetaCluster # MANUAL

(for version 4.00)

Purpose:

- MetaCluster is a trading and analytical system for efficient trading on Forex, Crypto-markets and Binary Options, based on understanding (and trading in accordance with the Volume Cluster Analysis Method) the volume traces of a Major Player / Market Maker
- Performs Multi-Timeframe Analysis (hereinafter referred to as Multi-Timeframe Analysis), Chart Layout, Alerting and Autotrading in MT5 terminal simultaneously on several Timeframes of the Instrument (Asset) Price chart, based on algorithms of Digital, Technical and Volume-Cluster Analysis.
- Identifies and displays Target Zones not visible in single timeframe analysis for trade entry.

Content:

- Volume-Cluster Analysis Method. Application in Trading
- Overview of MetaCluster Functions and Tools, Principles of their application



Method of Volume Cluster Analysis

Application in Trading

Basic principles of the Volume Cluster Analysis Method:

Determination of Target Zones in accordance with the MetaClusters Scheme Variants and their trades to enter Buy / Sell trades.

! The MetaCluster indicator automatically defines and marks the Target Zones on the chart (see Slide #6).

Video “The work of Target Zones and their application in trading”:

https://drive.google.com/drive/folders/1OYrUfoJ5wLNIslGI1sEAzwGIDlvOXNWxp?usp=drive_link

Methods of analyzing the Market Context:

Volume Absorption (Bearish / Bullish)

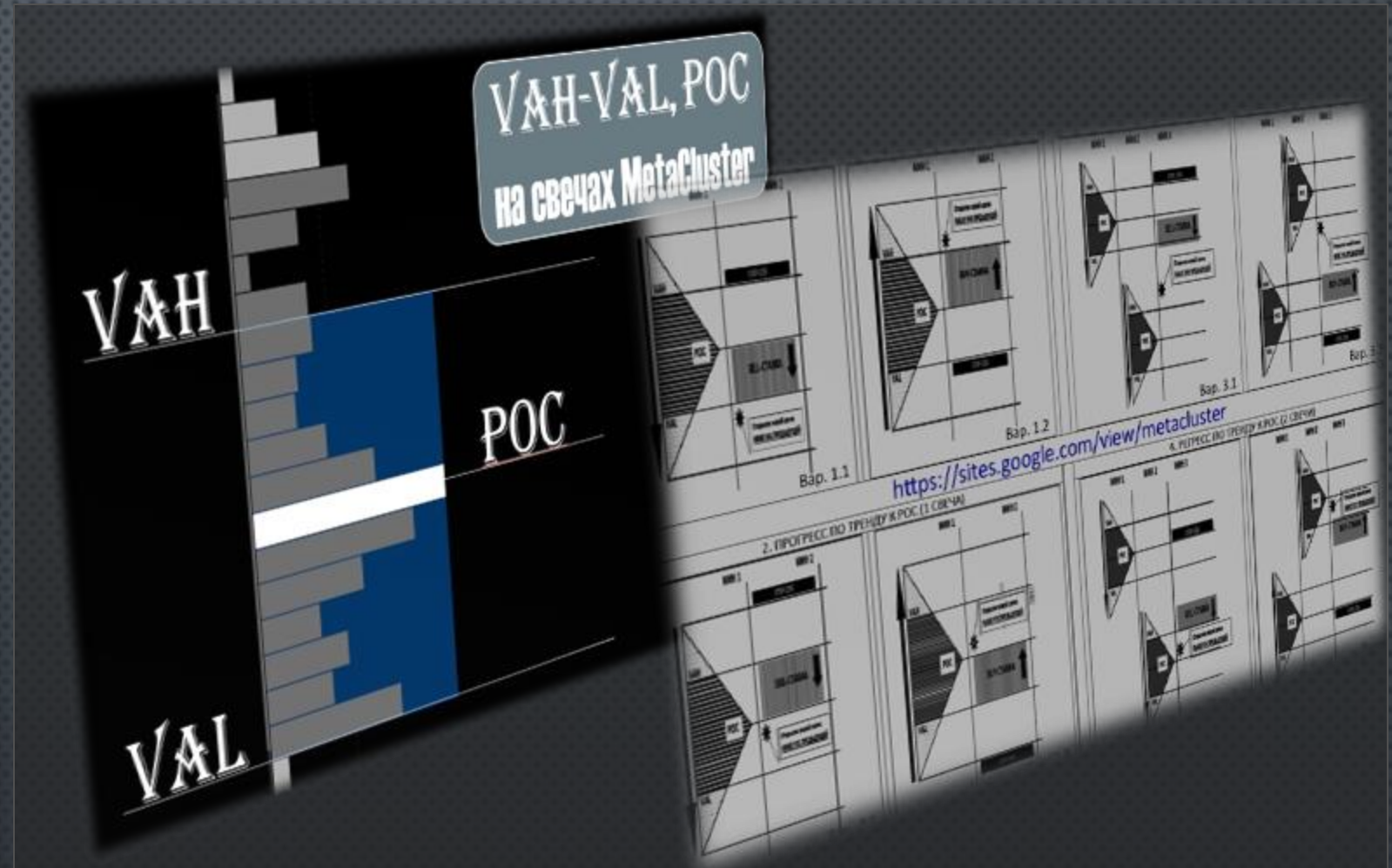
Mirror Levels (Protective / Non-protective Absorption)

Derivative Volumes (Bearish / Bullish): Stop / Trap

For information about Market Context analysis, please visit MetaCluster's Telegram channel:

<https://t.me/METACLUSTER/80>

<https://t.me/METACLUSTER/110>



I. Customizing the MetaCluster Workspace: Multi-Timeframe Analysis Profile (hereinafter referred to as Profile)

Creating a Profile on three asset timeframes using Templates

Video "How to download and install Templates":

https://drive.google.com/drive/folders/1kevv20Jw2TcDIOIb4GKZs-gABr8IDyuP?usp=drive_link

Download Templates:

https://drive.google.com/drive/folders/1pyJ9Vk89ix3APl3zIOnaYOjp2Gs50wiX?usp=drive_link

Using Profile maximizes the potential of MetaCluster as a tool for Multi-Timeframe analysis.

- Profile can be created for any asset with any timeframes.

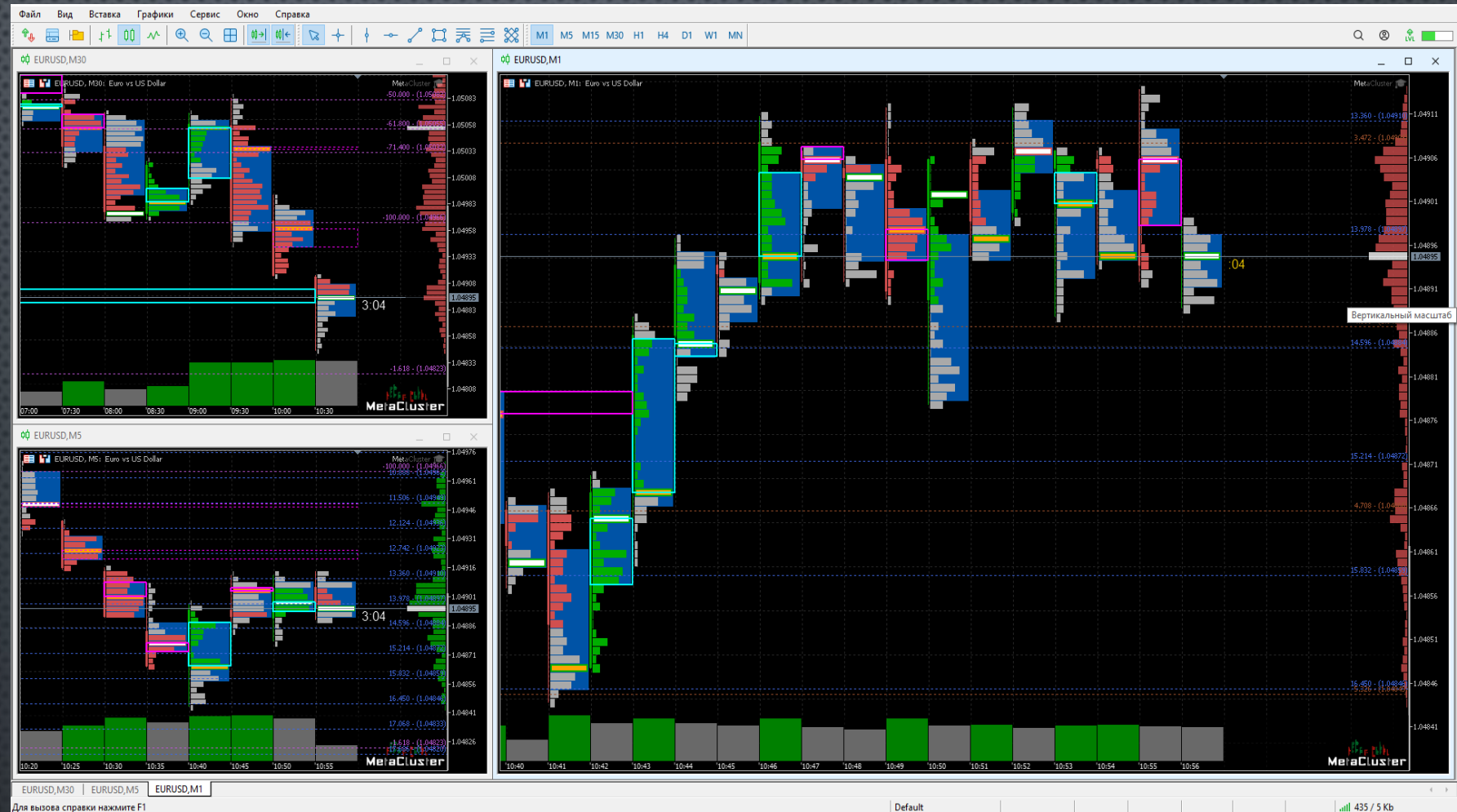
Video "How to create a Profile using Templates":

https://drive.google.com/drive/folders/1xaHEfXpz42k_NT hOYsar9D_MDYq7quTZ?usp=drive_link

Saving a Profile

- When a Profile is applied, all customized Timeframe windows will be opened simultaneously.
- The number of created Profiles is unlimited

Once you have traded an asset - save the Profile - you will not need to customize it next time.



II. Display modes of the Settings Panel on the Timeframe

The Toolbar lock button in the form of the MetaCluster logo changes the Display Mode of the Toolbar

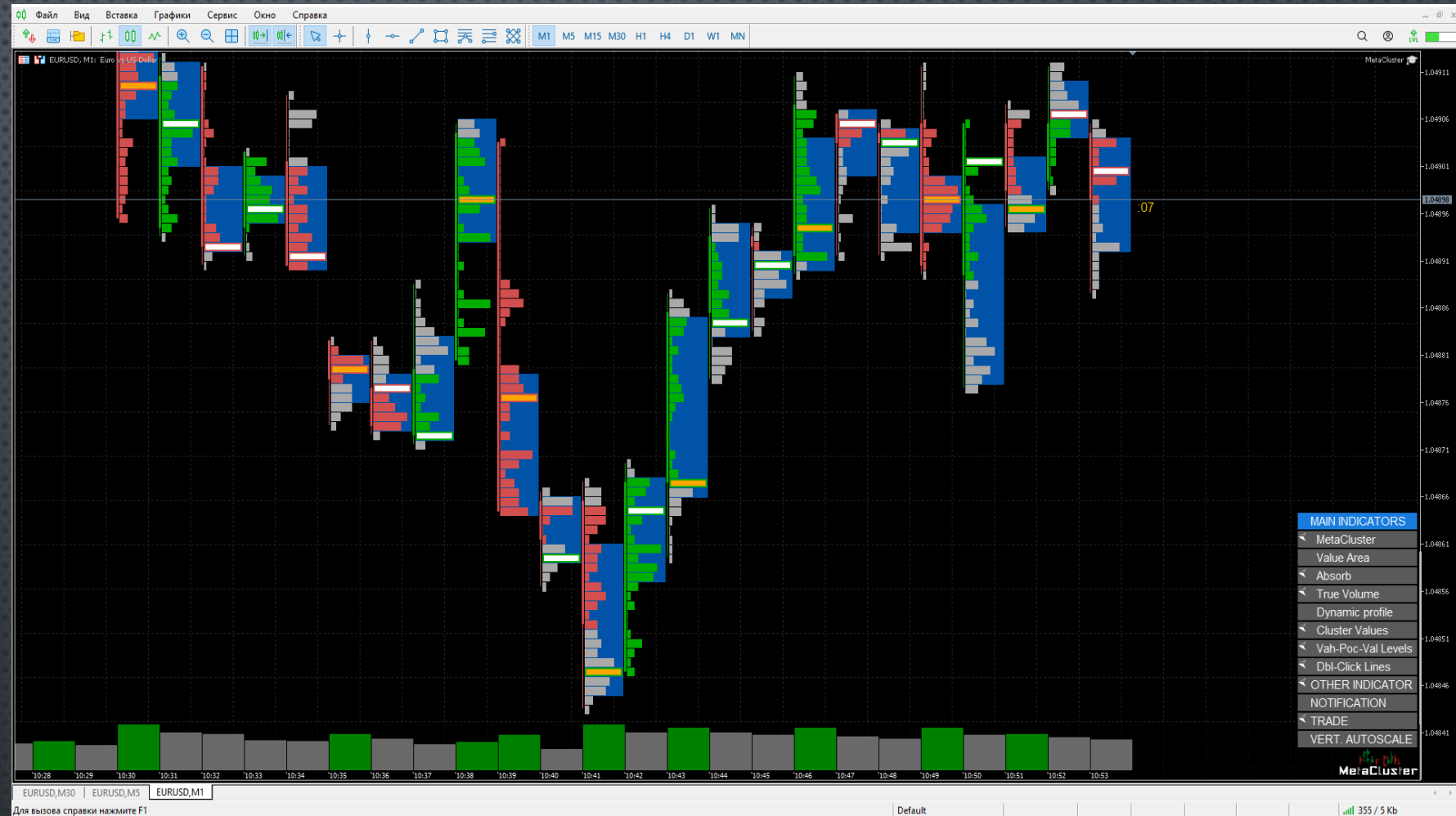
- In the inactive state, the background of the button is black - the Settings Panel will be visible when the mouse cursor is within it
- In active state, the button background is blue - the Settings Panel will be visible all the time.



III. Tools and functionality of the Settings Panel: MAIN INDICATORS

3.1 MAIN INDICATORS

- The button of the main tools (indicators) section of the MetaCluster system
- The button always remains in the active state, its color does not change



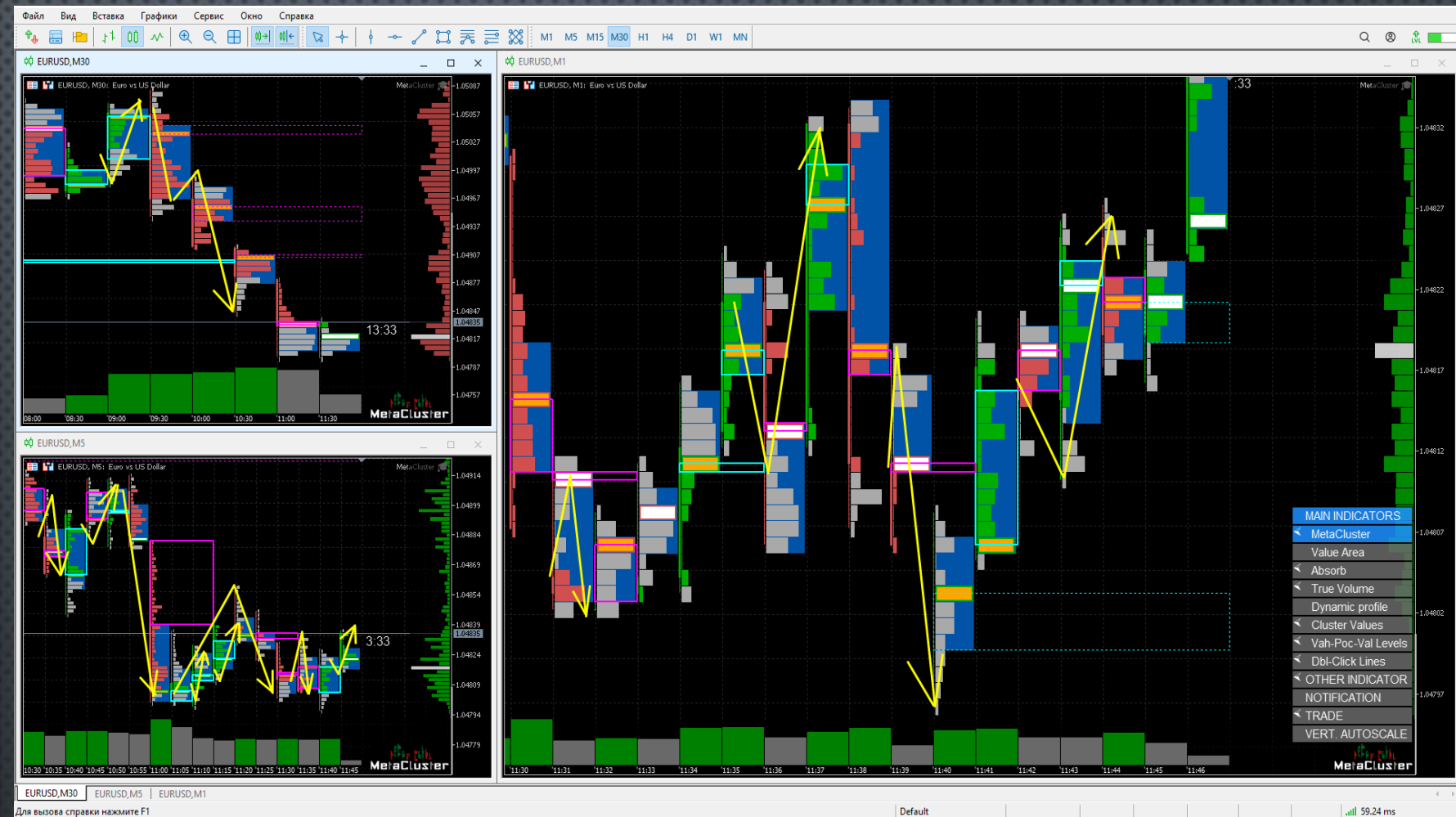
III. Tools and functionality of the Panel: MAIN INDICATORS > Metacluster

3.2 Metacluster - Target Zone Indicator

- Marks Target Zones according to MetaCluster Scheme variants (see slide # 31) in on-line mode on several asset timeframes simultaneously
- During the test, changes the drawing style from a dotted line to a solid line and stops further drawing to the right.
- The indicator is enabled by default

The analysis should be performed by remembering two theses:

- #1 MetaCluster Scheme variants reveal strong levels with maximum probability of giving the expected reaction
- #2 Any strong level, when broken, will be mirrored with maximum probability.



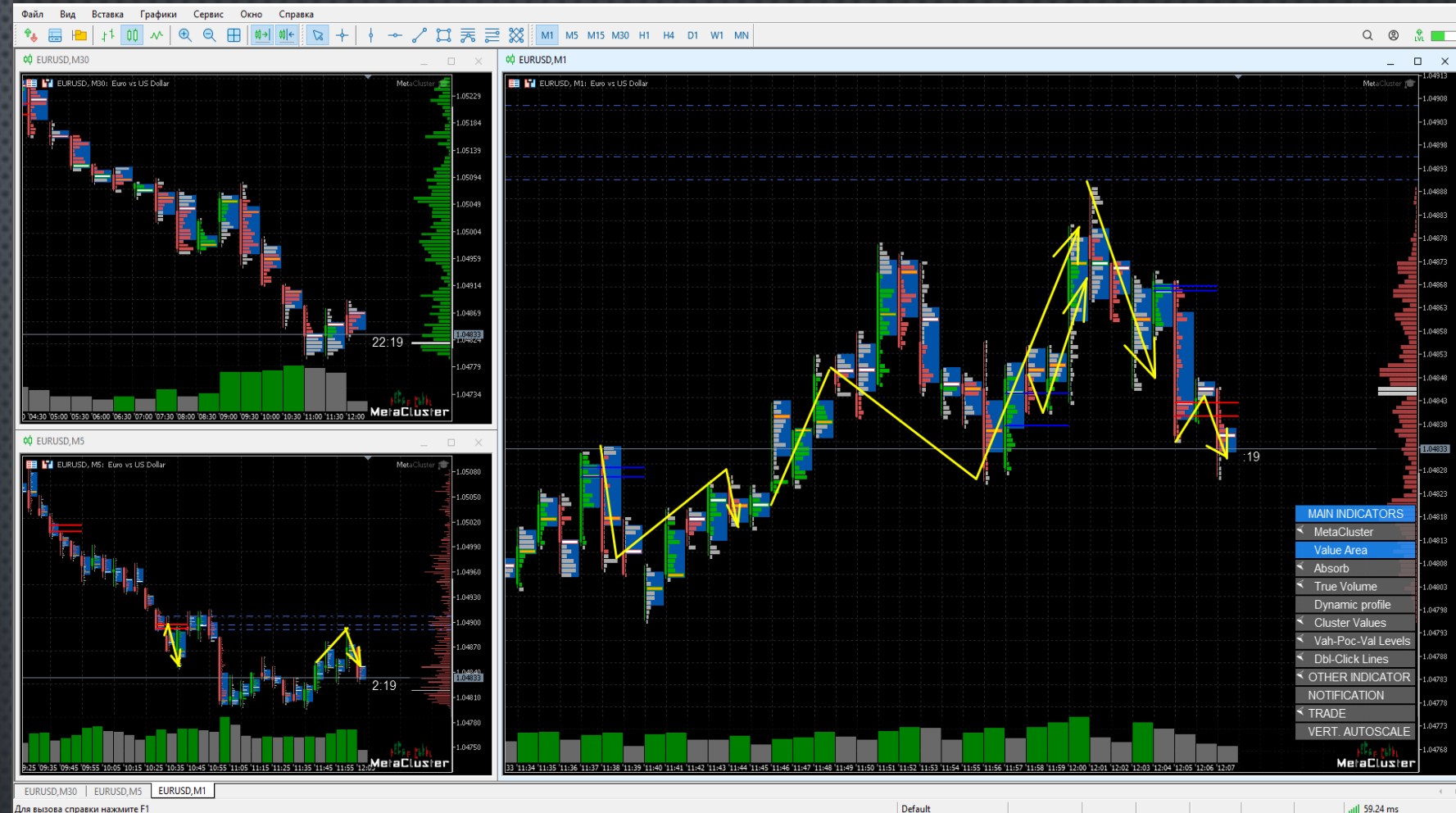
III. Tools and functionality of the Panel: MAIN INDICATORS > Value Area

3.3. Value Area - Target Area indicator (with MetaCluster filters)

- Shows some of the Target Zones by MetaCluster Scheme variants for their further trading

In the example on the screen Sell from the Target Value Area on the m5 timeframe.

The example on the m1 timeframe also shows a variant of mirror trading in Sell of the Buyer's Value Area broken down by the Seller.

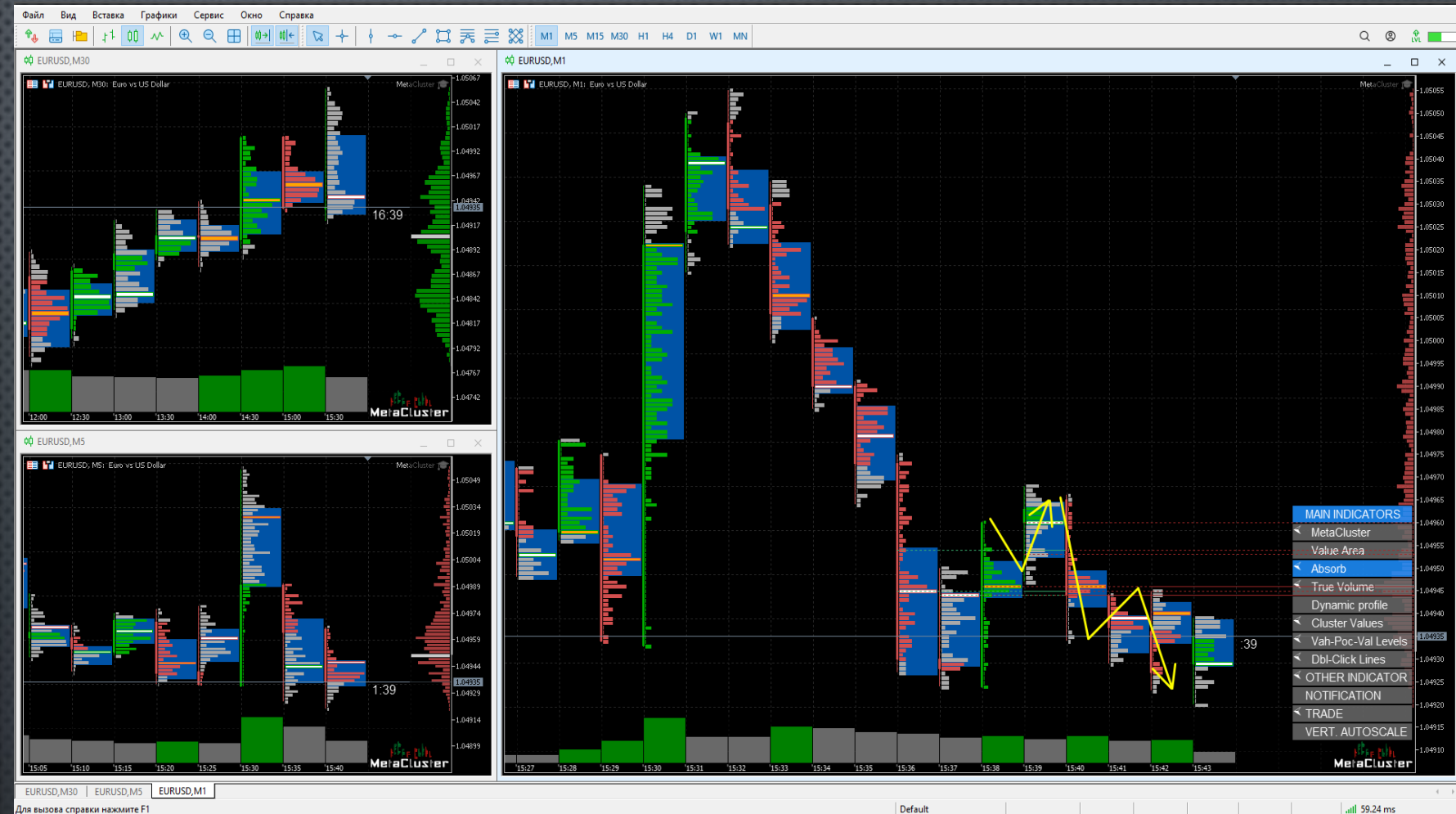


III. Tools and functionality of the Panel: MAIN INDICATORS > Absorb

3.4 Absorb - indicator of absorbed volumes levels

- Analyzes the market context for Absorb trades (aggressive or mirror).
- Indicates Defense / Non-defense of the absorption by the aggressor.

Absorb levels are marked with a solid line at occurrence, after the test - the line type changes to dotted, at breakdown - the line color changes to the color of the aggressor.



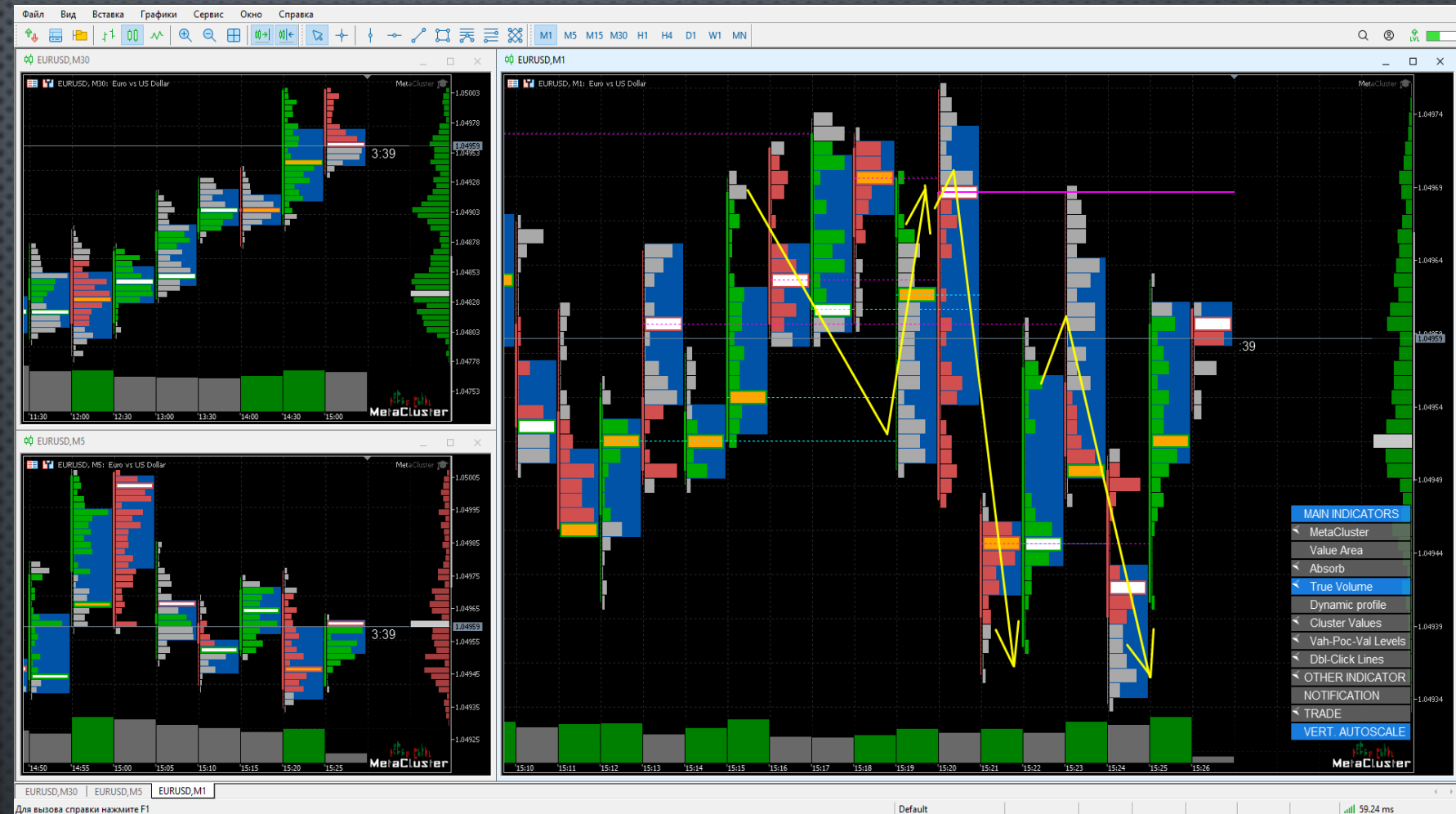
III. Tools and functionality of the Panel: MAIN INDICATORS > True Volume

3.5. True Volume - indicator of significant POC levels:

- Analyzes the Market Context
- Indicates Defense / Non-Defense of the aggressor's takeover
- Shows one of the boundaries of the Target Zones - POC (to determine the Scheme Variant MetaCluster only needs to see the corresponding VAH / VAL in the candlestick starting this True Volume level and trade the price entry into the Target Zone (aggressively according to the Scheme Variant, and in case of its breakdown - mirror)
- Gives an Alert when True Volume levels are tested by the Barrier (if its value is specified) or Bid Price (if the Barrier value is 0).

Alert at level test by the Barrier is effective for trading with short expiry, because it has a leading character.

True Volume levels are marked with solid lines when they occur, after the test the line type changes to dashed and is reduced by one bar.



III. Tools and functionality of the Panel: MAIN INDICATORS > Dynamic profile

3.6 Dynamic profile - tool for applying a dynamic volume profile

- Displays VAH-POC-VAL levels (displayed on all Timeframes) and volume profile for any arbitrary period.
- There is no limit to the number of profiles that can be applied
- To apply a profile, you should enable the Dynamic profile button, click the mouse wheel on top to make a crosshair appear, press the left mouse button, drag to the end of the required range and release the left mouse button.

Video "Applying Dynamic profile:"

https://drive.google.com/drive/folders/1pG_HUWxrSQ2q1YgulSq3p2hnl6GOJbR?usp=drive_link

- To delete a profile, double click on it with the left mouse button or turn off the Dynamic profile button.

It helps to define Target Zones on multi-candle impulses and on pro-trades (boxes).

Recommended way to apply Dynamic profile from the beginning of the impulse to the end of the correction (candle resuming the impulse).



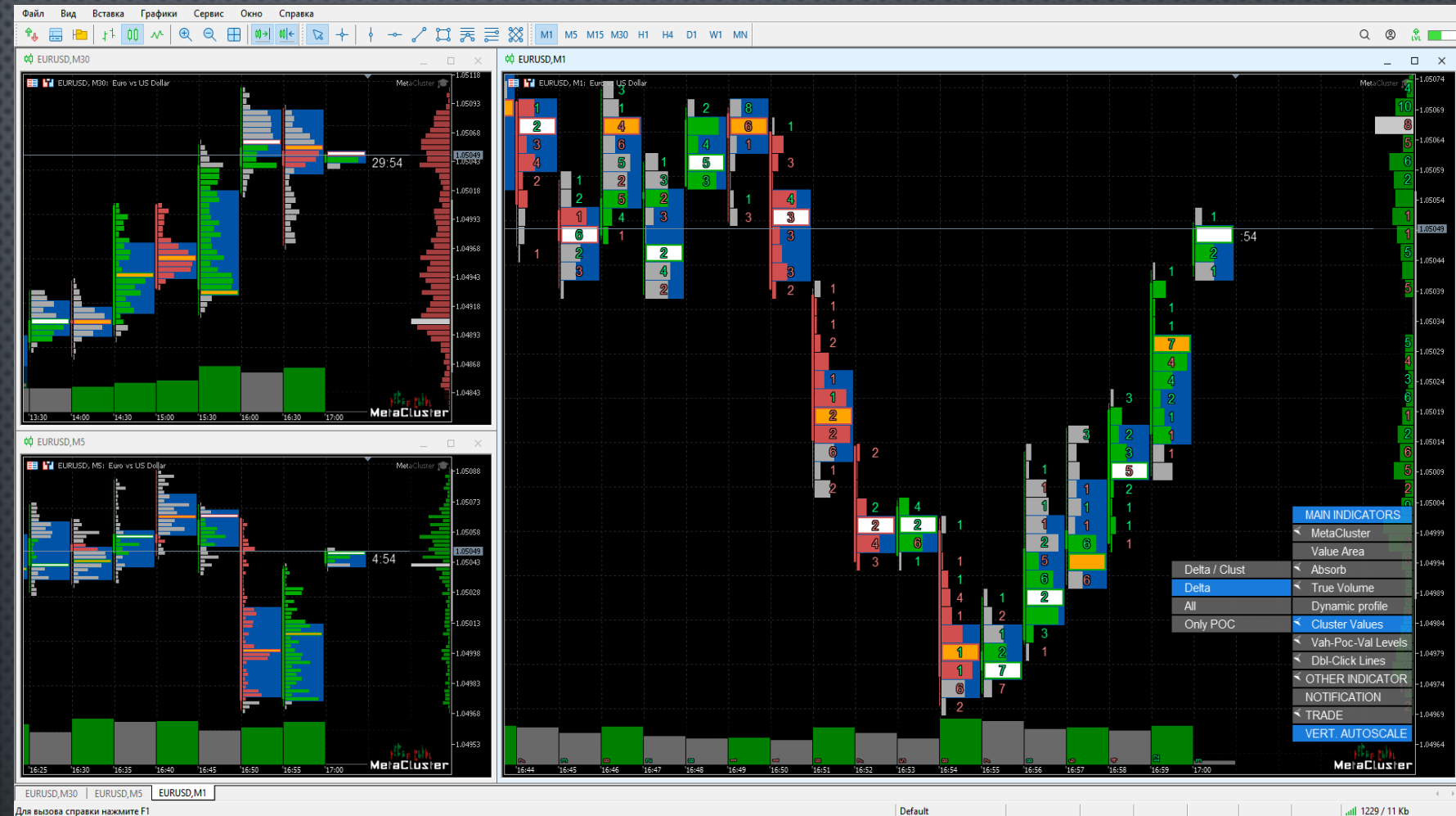
III. Tools and functionality of the Panel: MAIN INDICATORS > Cluster Values

3.7. Cluster Values - menu of modes of displaying volume and delta values in clusters.

- When activating Cluster Values, the Only POC mode will be enabled by default, displaying volume values in POC of the candlestick, and also delta values in vertical volumes and total volume profile will appear
- All mode displays the total volume value in each candlestick cluster
- Delta mode displays the delta value in each candlestick cluster.
- Delta/Clust mode displays the delta value in each candlestick cluster and also displays the delta graphically with the corresponding width of clusters in a bar.

In all modes, the color of the number shows the preponderance between buying and selling (delta). If the number is red - the cluster is bearish (Seller), if it is green - the cluster is bullish (Buyer).

This information helps to identify the interaction between counterparties - Seller and Buyer



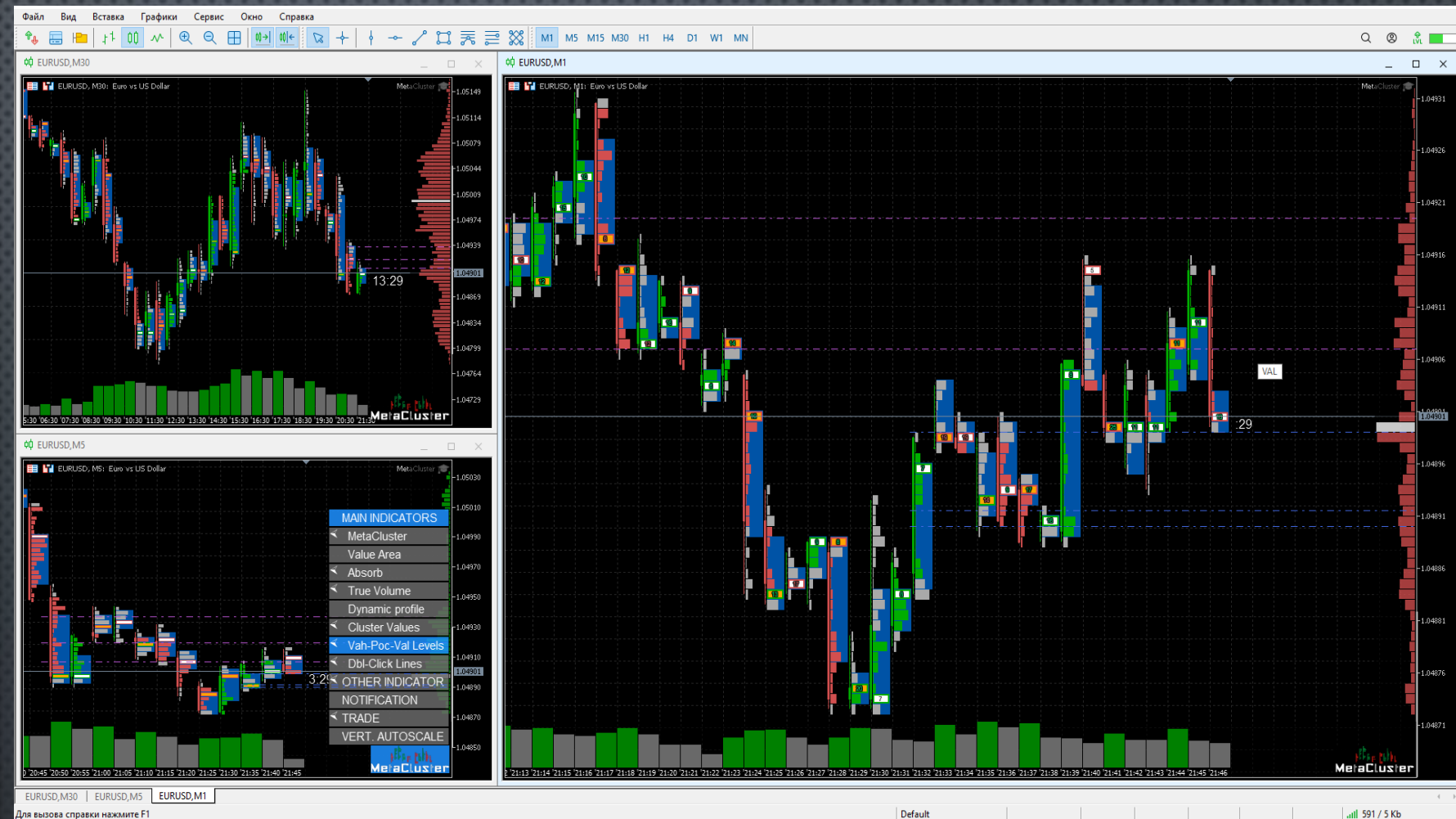
III. Tools and functionality of the Panel: MAIN INDICATORS > Vah-Poc-Val Levels

3.8. Vah-POC-Val Levels - a tool for displaying volumetric levels of any value zone on current and junior timeframes

- Allows you to instantly identify significant levels of the higher timeframes and display them on the lower timeframes to determine the points of reversals of impulses and trends, invisible when analyzing a single timeframe
- Display VAH-POC-VAL levels (displayed on current and junior timeframes).
- If you put the mouse cursor over a level, information about it will be displayed

In the templates provided by MetaCluster for Vah-POC-Val Levels of the corresponding Timeframes the colors are defined: Higher (Template 3) - purple; Middle (Template 2) - blue; Lower (Template 1) - orange; This gives an understanding from which Timeframe the Vah-POC-Val Levels are thrown from

The example shows price movements between the VAL level of the value area from the M30 timeframe and the VAH level of the value area from the M5 timeframe



III. Tools and functionality of the Panel: MAIN INDICATORS > DbI-Click Lines

3.9. DbI-Click Lines - manual level marking tool

Marked levels DbI-Click Lines are displayed on the current and junior timeframes

- To enable it, you should press the DbI-Click Lines button and double-click with the left mouse button on the required level.
- To remove a DbI-Click Lines level, click on it again or turn off the DbI-Click Lines button.
- The color of DbI-Click Lines levels can be changed to any other color from the drop-down submenu.

The templates supplied with MetaCluster license for DbI-Click Lines of the corresponding Timeframes have defined colors: Higher (Template 3) - purple; Middle (Template 2) - blue; Lower (Template 1) - orange; This makes it clear from which Timeframe the DbI-Click Lines level is thrown.

Allows you to mark Target Zones on the desired Timeframes

In the example, DbI-Click Lines mark the Target Zone for Buy (VAH-POC) on the m5 Timeframe.

The price expectedly went up at first, and after the breakdown down at the test was traded from the same Target Zone mirror to Sell, which is perfectly visible on the M1 timeframe.



IV. Tools and functionality of the Panel: OTHER INDICATOR

4.1 OTHER INDICATOR

- Button of the auxiliary tools (indicators) section of the MetaCluster system
- The color of the button becomes blue when activated (turned on)
- When pointing at the arrow, a drop-down menu with the list of auxiliary tools is displayed
- Any auxiliary tools start to function after activating their button (the OTHER INDICATOR button must be active as well).

The tools in the OTHER INDICATOR drop-down menu are listed in order from top to bottom as follows



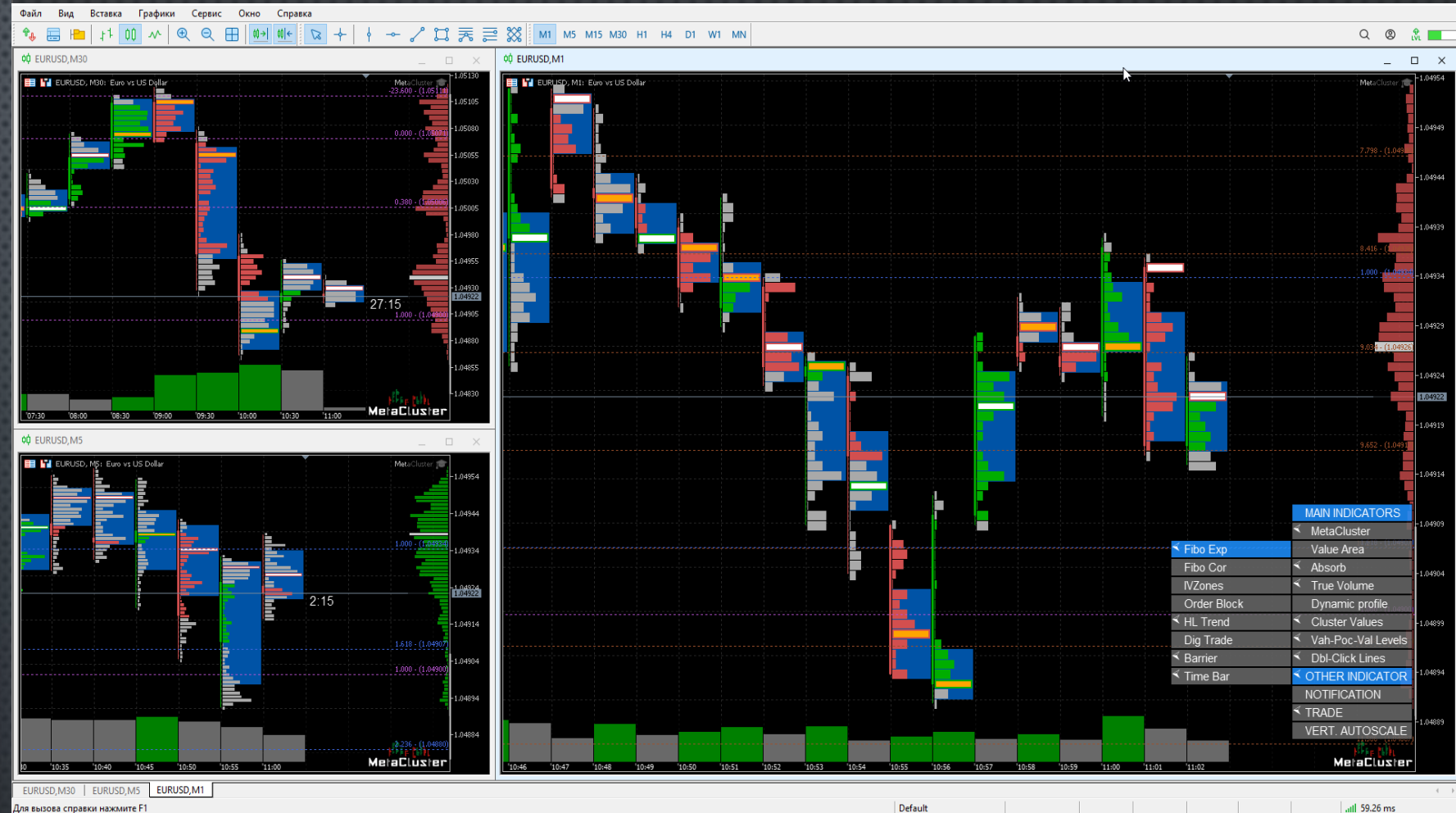
IV. Tools and functionality of the Panel: OTHER INDICATOR > Fibo Exp

4.2 Fibo Exp - Fibonacci extension network adapted to the price pitch

- Shows key levels of the global trend on current and lower timeframes when defining Target Zones
- Helps to evaluate volume performance on breakout Fibo Exp level

The color of Fibo Exp levels can be changed to any other color from the drop-down submenu.

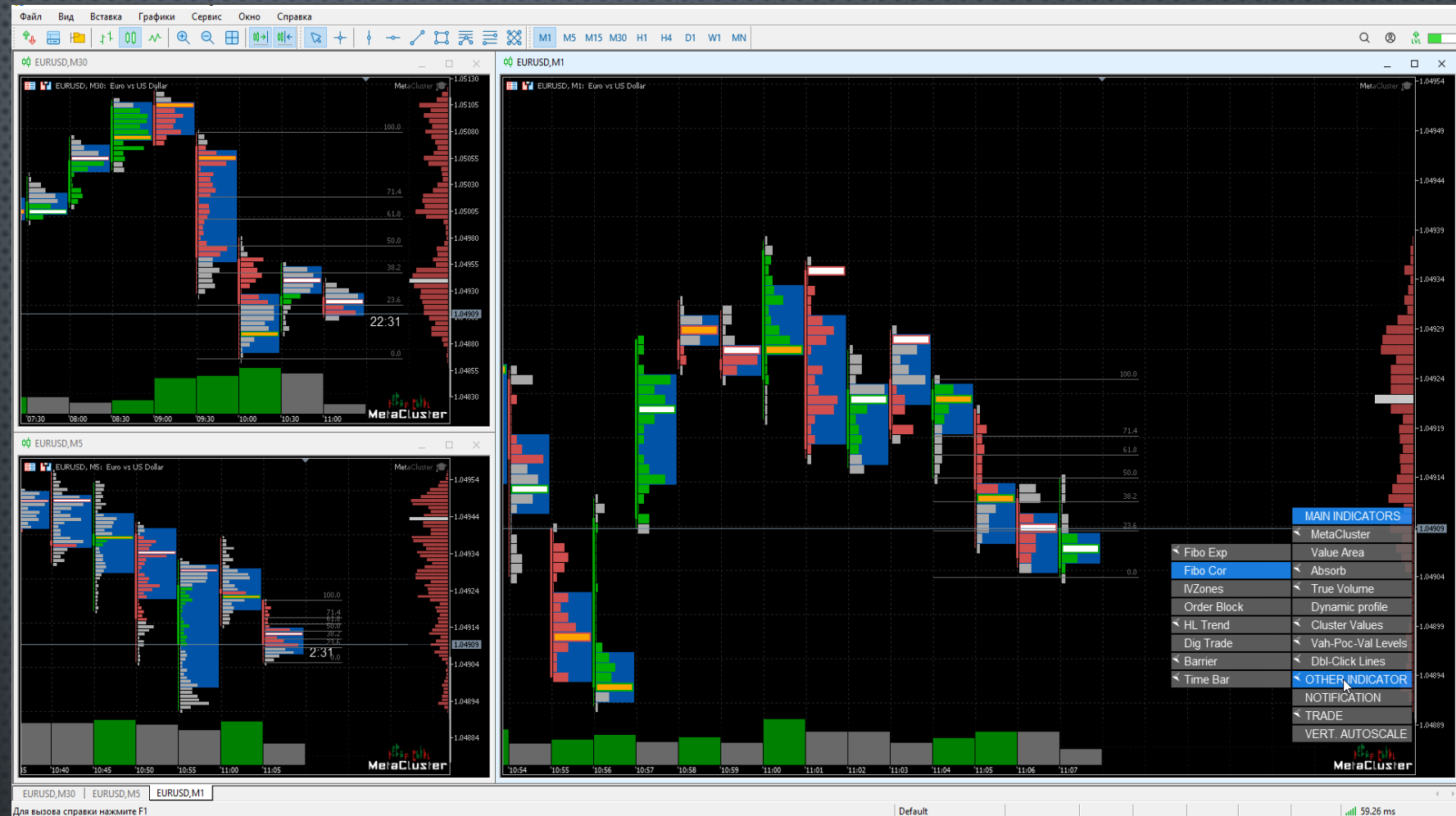
In the templates provided by MetaCluster for Fibo Exp corresponding Timeframes have defined colors: Higher (Template 3) - purple; Middle (Template 2) - blue; Lower (Template 1) - orange; This gives an understanding from which Timeframe the Fibo Exp Level is thrown from



IV. Tools and functionality of the Panel: OTHER INDICATOR > Fibo Cor

4.3 Fibo Cor - is an automatic Fibonacci retracement network marking significant levels of the current trend in the momentum

- Identifies micro-trends in the current trend
- Shows significant levels of the current trend on the Timeframe when identifying Target Zones
- Analyzes Market Context
- Focuses on identifying Target Zones on current and higher Timeframes



IV. Tools and functionality of the Panel: OTHER INDICATOR > IVZones

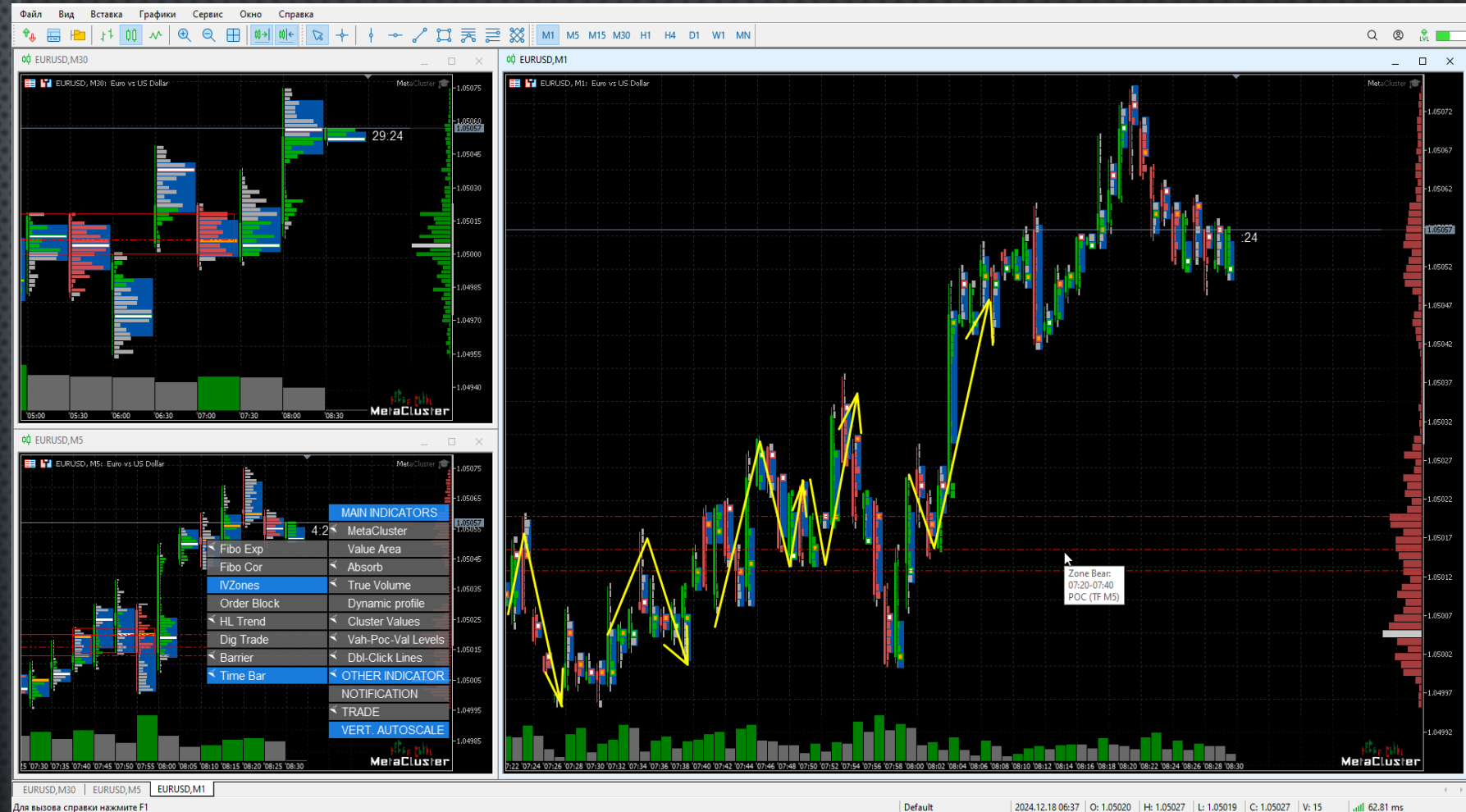
4.4. IVZones - indicator of increased volume zones

- Analyzes Market Context
- Focuses on defining the Target Zones on the higher Timeframes.

To extend to the right border of the Timeframe window and to display IVZones levels on the lower Timeframes you should double-click the left mouse button in the IVZone range.

When pointing at the IVZones level, information about it will be displayed

On the example you can see how twice there is a reversal to Sell on the M1 timeframe from the IVZone range formed on the M5 timeframe. And after the upward breakout, the same range gives the expected reaction in Buy three times



IV. Tools and functionality of the Panel: OTHER INDICATOR > Order Block

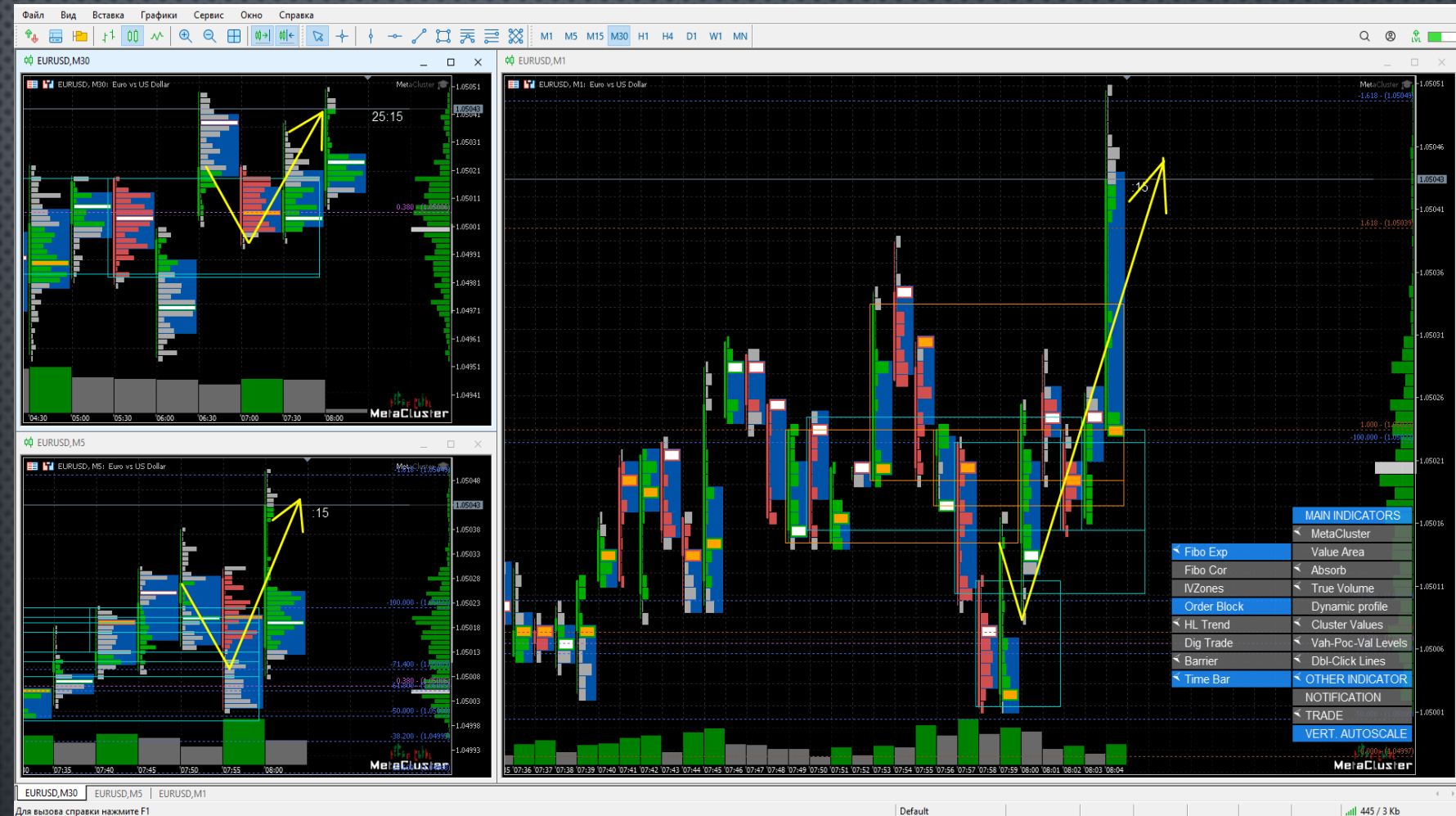
4.5. Order Block - Seller's / Buyer's Order Block

- Analyzes the Market Context
- Focuses on identifying derivative volumes - Western / Stop Losses
- Focuses on identifying Target Zones on higher timeframes.

When Order Block is enabled, Fibo Exp levels also appear.

The screen shows that on the m30 and m5 timeframes a bullish Order Block is formed and tested (marked by green rectangles), which determined the support levels on these timeframes and conditions for Buy on the junior one (when the Order Block is formed and tested on it).

As a result Price moved up from the ranges of the tested Order Block



IV. Tools and functionality of the Panel: OTHER INDICATOR > HL trend

4.6. HL-trend - sloping levels of the current trend

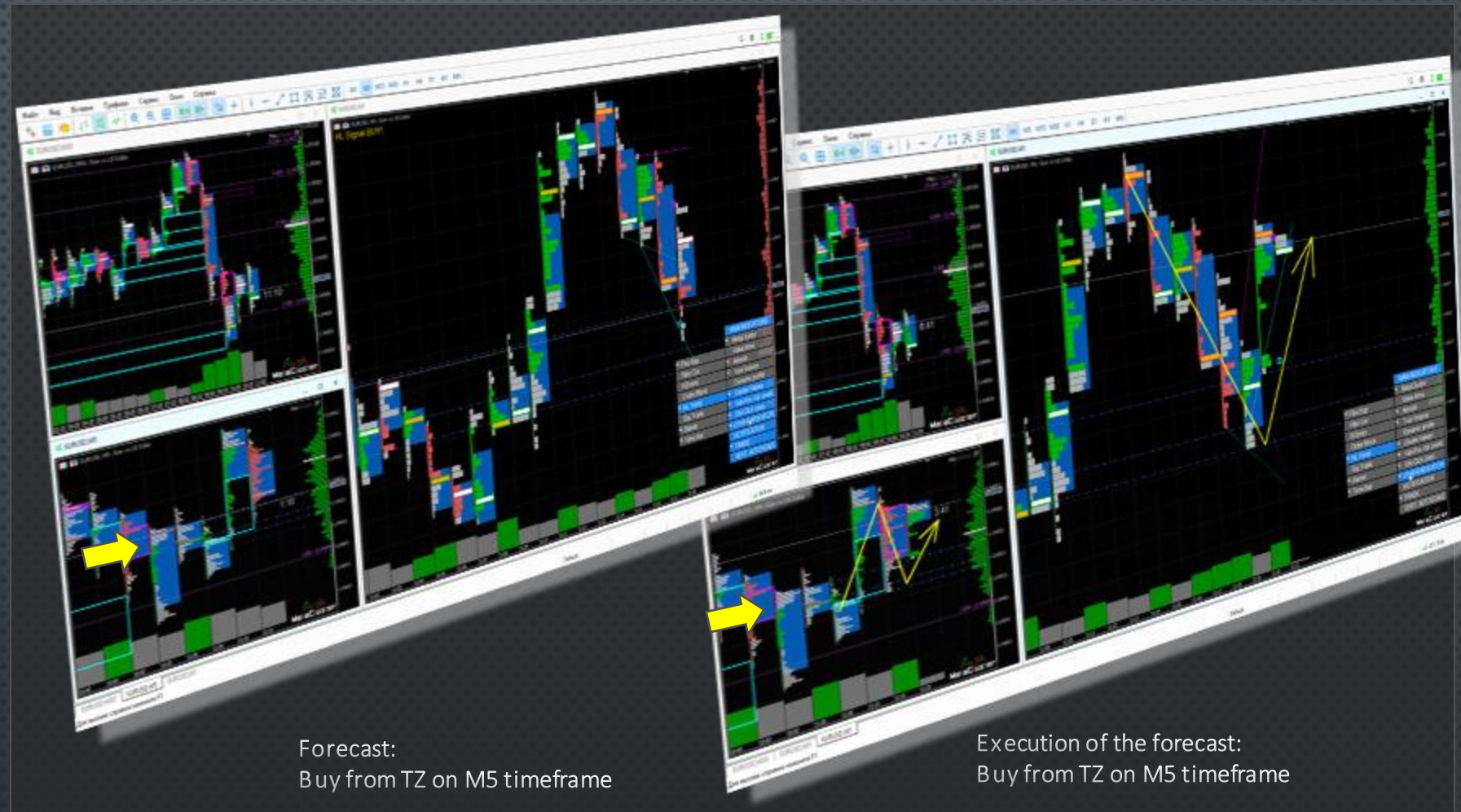
- Analyzes the Market Context
- Focuses on identifying the Target Zones on the higher timeframes.

In the example on the screens, the HL-trend levels predict a move to the Sell Target Zone on the M5 timeframe, previously absorbed by the Buyer upwards

This Target Zone is marked by the MetaCluster Levels indicator with a red rectangle on the M5 timeframe, its levels are marked by the Vah-POC-Val Levels indicator and are reflected on the M5 and M1 timeframes.

Expected reaction from this Target Zone - Buy

The forecast came true - the price from the Target Zone went up with two large bullish candles on the M1 timeframe, giving the beginning of Buy impulse.



IV. Tools and functionality of the Panel: OTHER INDICATOR > Dig Trade

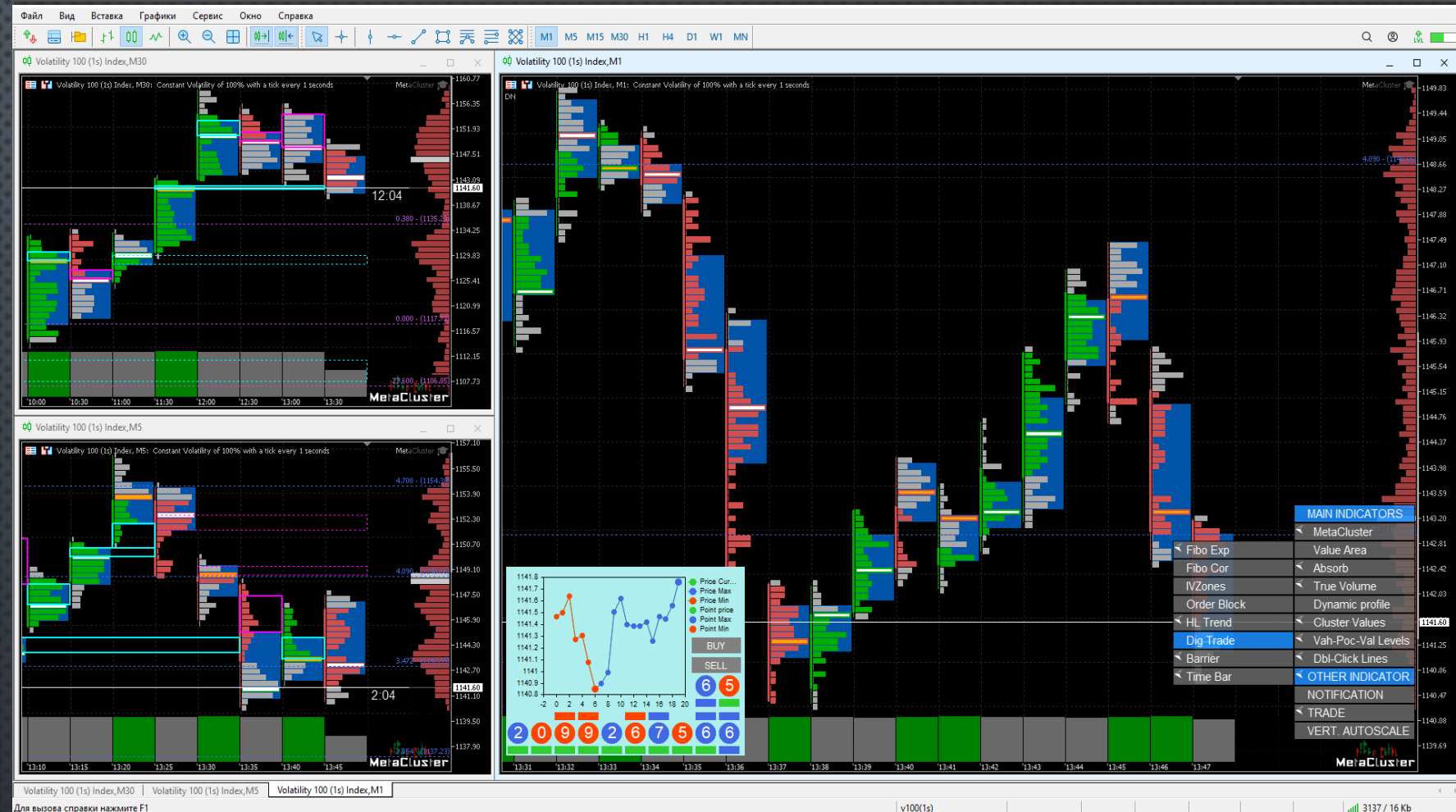
4.7. Dig Trade - digital analysis panel

- It is intended for analyzing tick chart of asset price and trading on 5 ticks at [Deriv](#) broker

The Buy/Sell buttons on the Digital Trade panel are provided for the bot (currently under development), and do not affect anything.

Material (only in Russian) on Digital Analysis at the link:

<https://sites.google.com/view/metacluster/файлы>



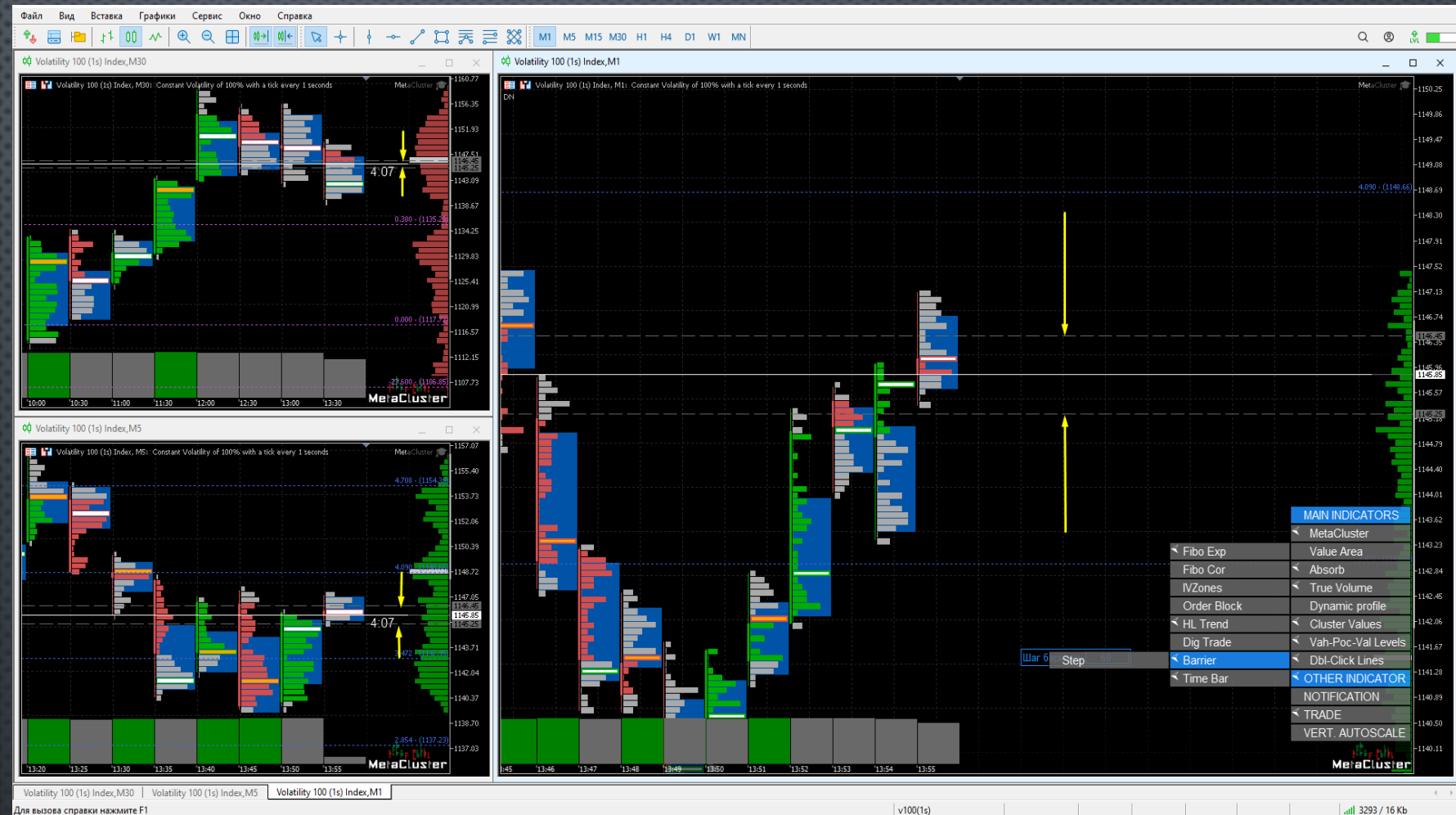
IV. Tools and functionality of the Panel: OTHER INDICATOR > Barrier

4.8. Barrier - enabling the function of displaying and changing the barrier

- Designed for trading at Deriv broker with Barrier
- Affects the Alert of the True Volume tool
- Indicates partial closing of a position by the aggressor before the Price approaches the level.

Barrier is displayed by two dotted parallel lines.

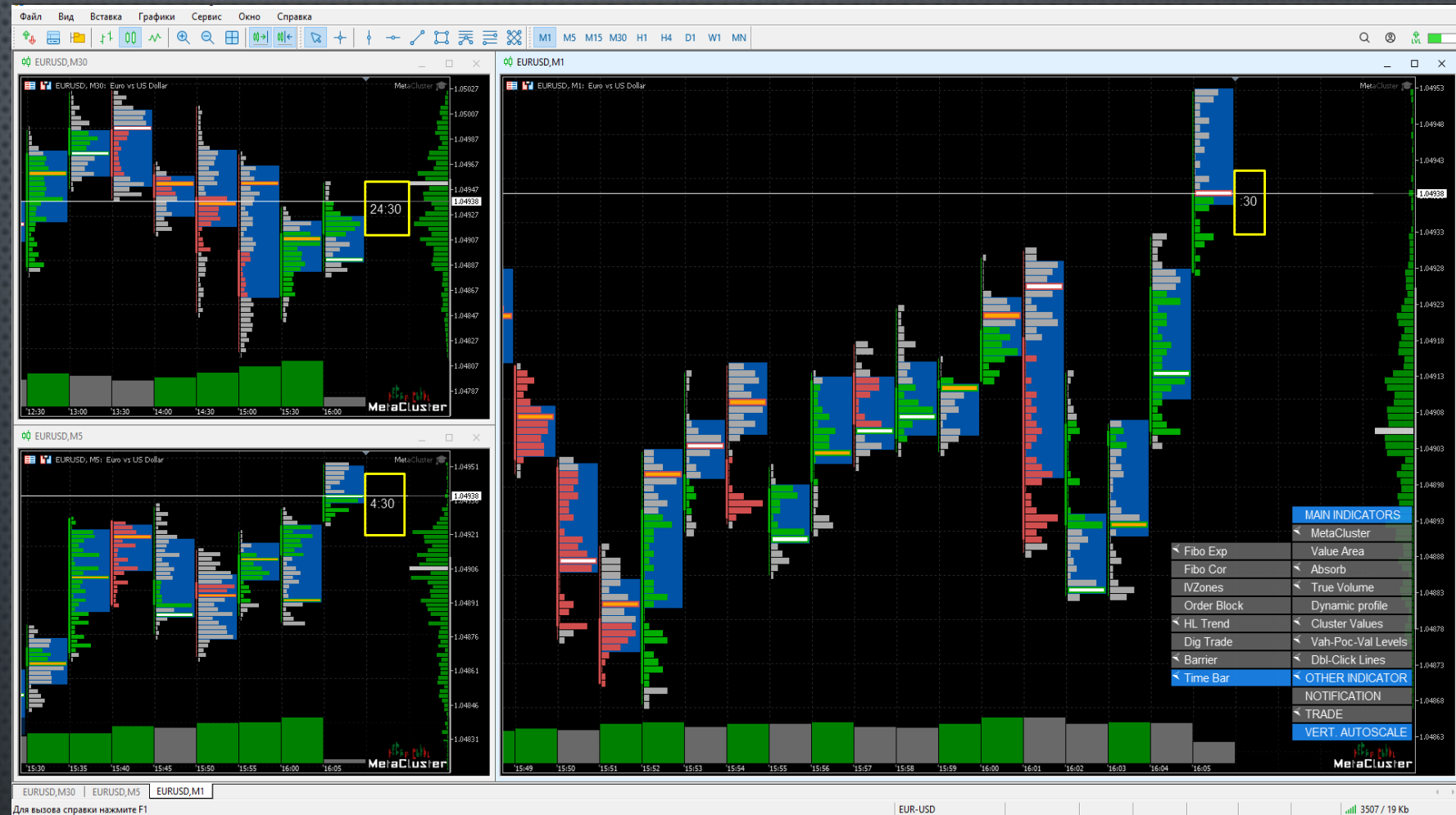
Barrier size is set in the Barrier Step window in the number of price points.



IV. Tools and functionality of the Panel: OTHER INDICATOR > Time Bar

4.9. Time Bar - activation of the countdown timer of the candle life time of the current Timeframe

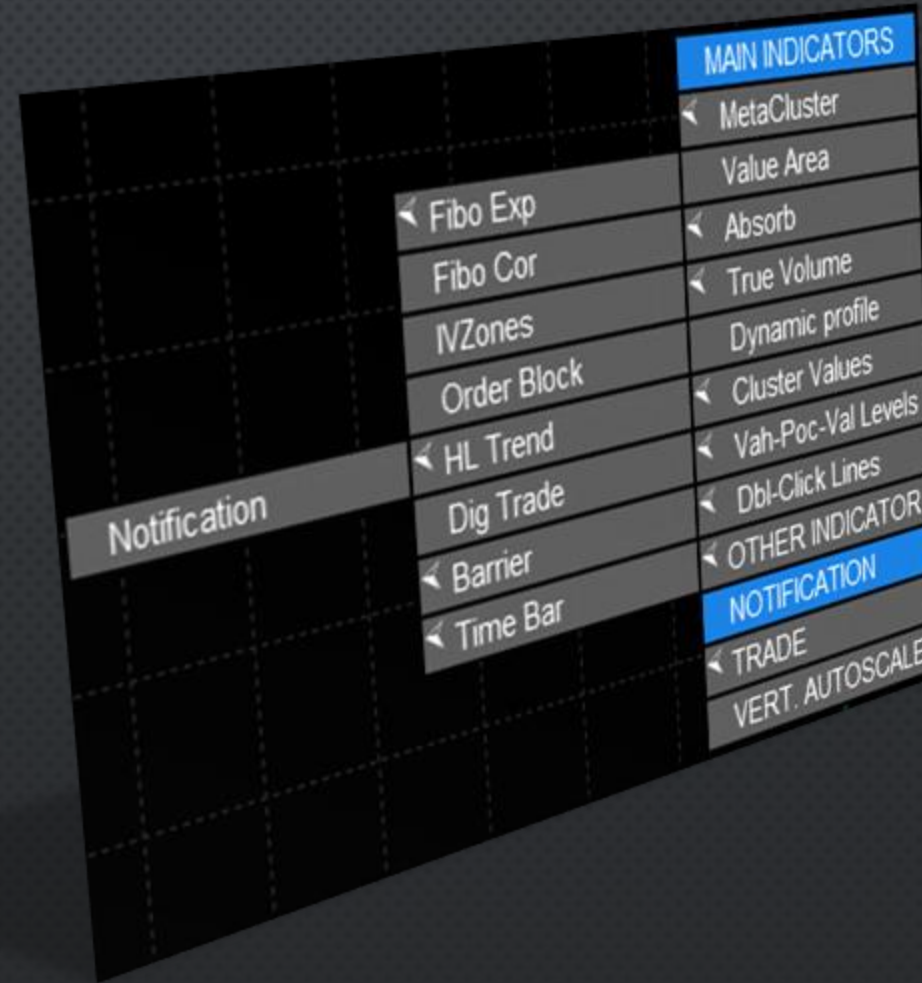
- The main task of the timer is to help in calculating the Expiration
- Timer is different for each Timeframe



V. Tools and functionality of the Panel: NOTIFICATION

5.1 NOTIFICATION - the button activates the notifications enabled in the drop-down submenu of indicators:

- MetaCluster
- Absorb
- True Volume
- Fibo Exp
- HL Trend



VI. Tools and functionality of the Panel: TRADE

6.1 TRADE - button for activation of trading functions

- It is intended for activation of trading functions from the drop-down submenu
- When activated, the trading functions will be ready to work
- To start working of trading functions it is necessary to download, install and attach the MetaCluster_AutoClick indicator to the asset chart

Download MetaCluster_AutoClick:

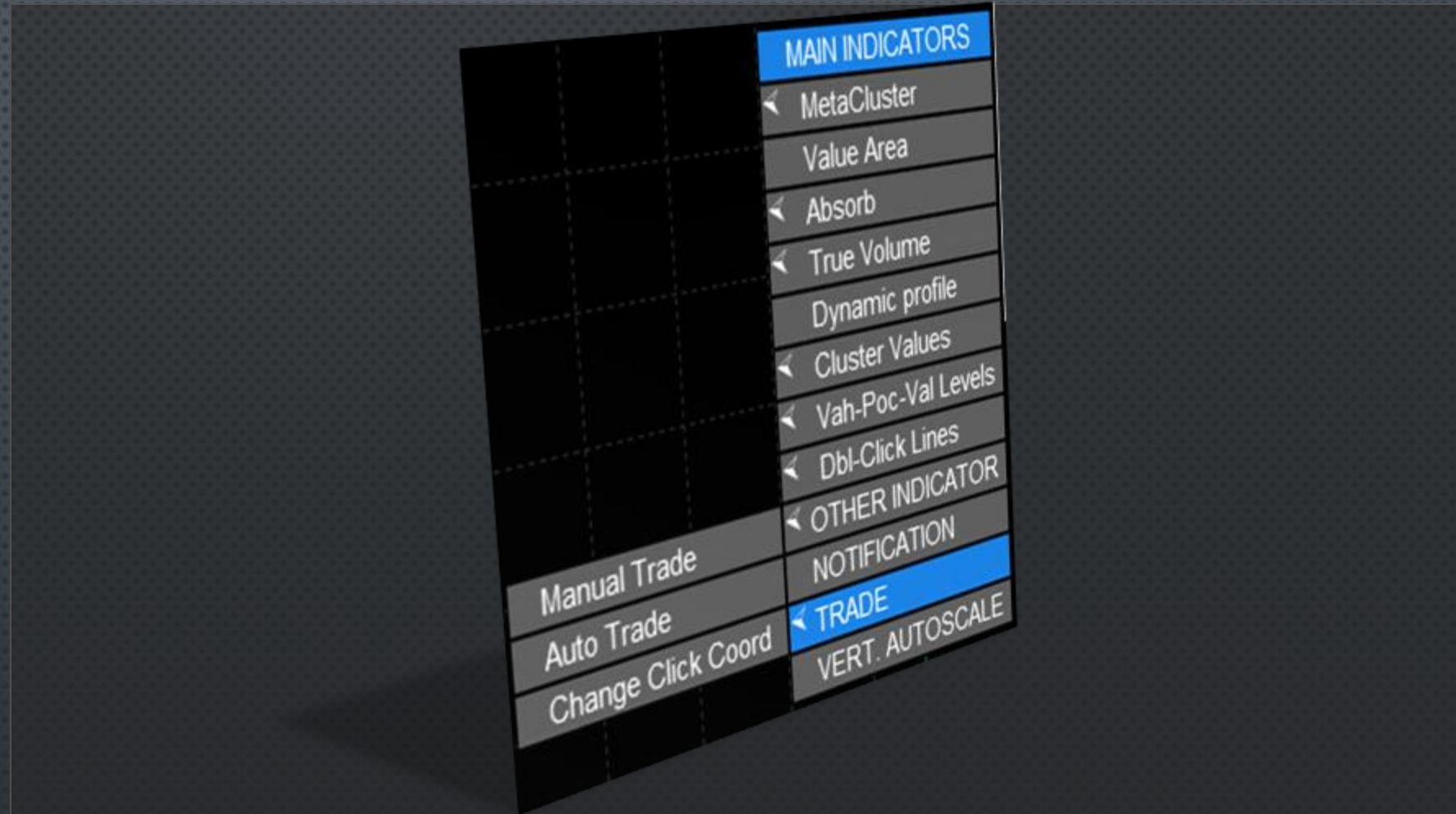
https://drive.google.com/drive/folders/1v5xz5tZuGJHle5q7VYLGMI2g_nyVa_7?usp=drive_link

Video "Installing and attaching MetaCluster_AutoClick to the chart":

https://drive.google.com/drive/folders/1rPDs-5MguHxswz5QaC-4f9L-IFMPYoz?usp=drive_link

ATTENTION!

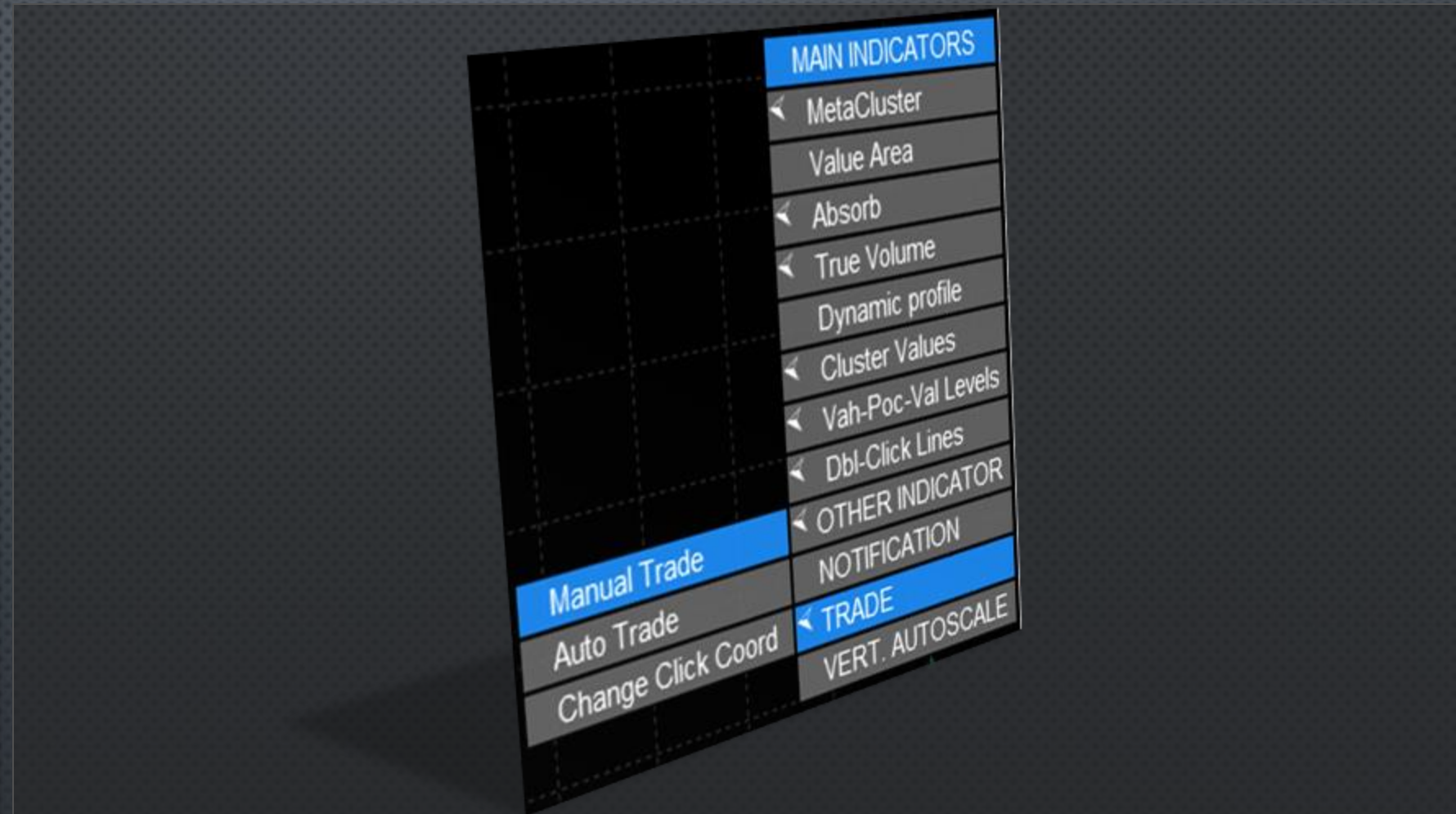
For correct operation it is allowed to attach MetaCluster_AutoClick only to one chart window for the whole MT5 terminal (even if several MetaCluster chart windows are open).



VI. Tools and functionality of the Panel: TRADE > Manual Trade

6.2 Manual Trade - function of entering a trade in manual mode for binary options

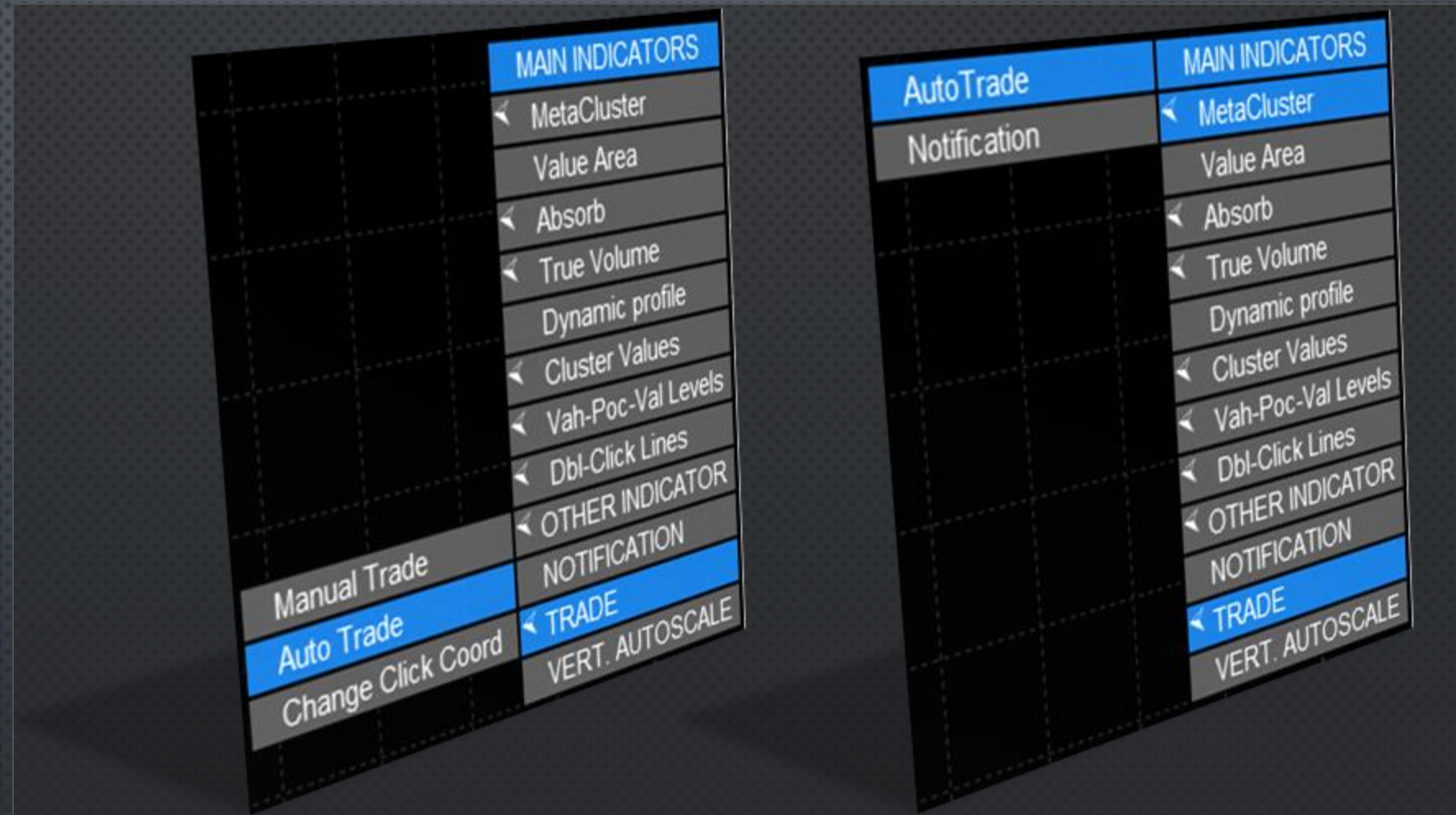
- In the activated state the function opens Buy/Sell trades by pressing the Up/Down arrow on the keyboard, by clicking on the Buy/Sell buttons in the broker window
- To start the function it is necessary to install and attach the MetaCluster_AutoClick indicator to the asset chart (see slide #24).



VI. Tools and functionality of the Panel: TRADE > Auto Trade

6.3 Auto Trade - function of entering a deal in automatic mode for binary options

- In the activated state, the function opens Buy/Sell trades when the necessary conditions are detected by clicking on the Buy/Sell buttons in the broker window
- The Auto Trade function is implemented for MetaCluster and True Volume indicators, and to start working it must be activated in the drop-down submenu of at least one of them.
- Also to start the function it is necessary to download, install and attach the MetaCluster_AutoClick indicator to the asset chart (see slide #24).



VI. Tools and functionality of the Panel: Metacluster > Auto Trade

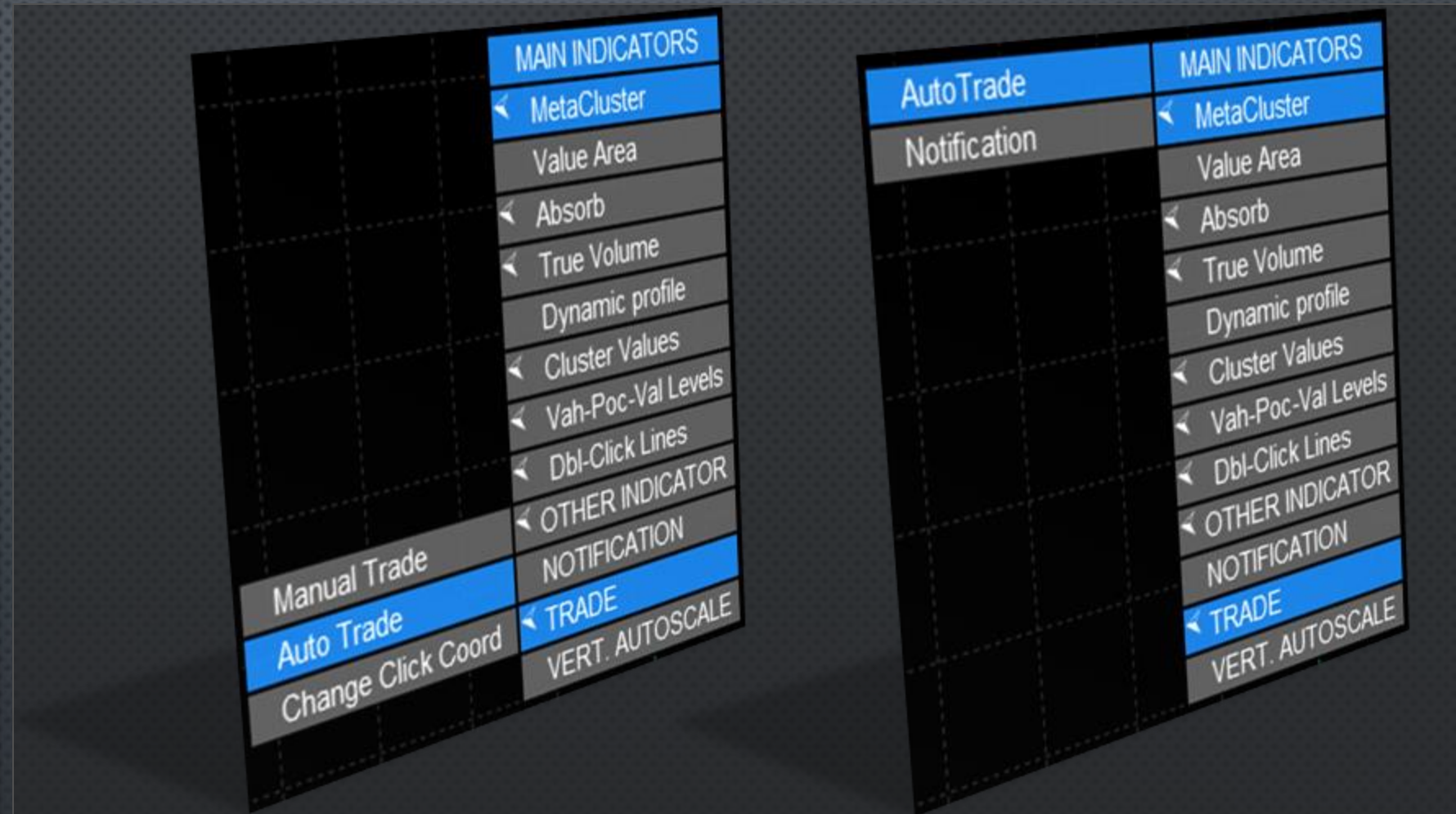
6.3.1 Metacluster > Auto Trade - Enabling the Bot for trading the Metacluster strategy

- The Auto Strategy is a learning strategy, as it does not take into account the entire Market Context, but it allows you to see and analyze the trading of the Target Zones displayed by the Metacluster Levels indicator (see Slide #6).
- For AutoTrade you need to enable the AutoTrade buttons of the TRADE and Metacluster submenus, as well as install and attach the MetaCluster_AutoClick indicator to the chart of the asset

It is recommended to trade in pair with the Bot during the learning process

- The Bot automatically opens trades when testing Target Zones
- The user manually opens control trades (a. When the price reaches the Target Zone; b. When the price breaks through the Target Zone. At its breakdown, which defines the Mirror level in the range of this Target Zone).

This Learning process allows you to start to see the Target Zones, their influence on the Price movement and effectively trade them according to the MetaCluster Scheme variants taking into account the Market Context.



VI. Tools and functionality of the Panel: True Volume > Auto Trade

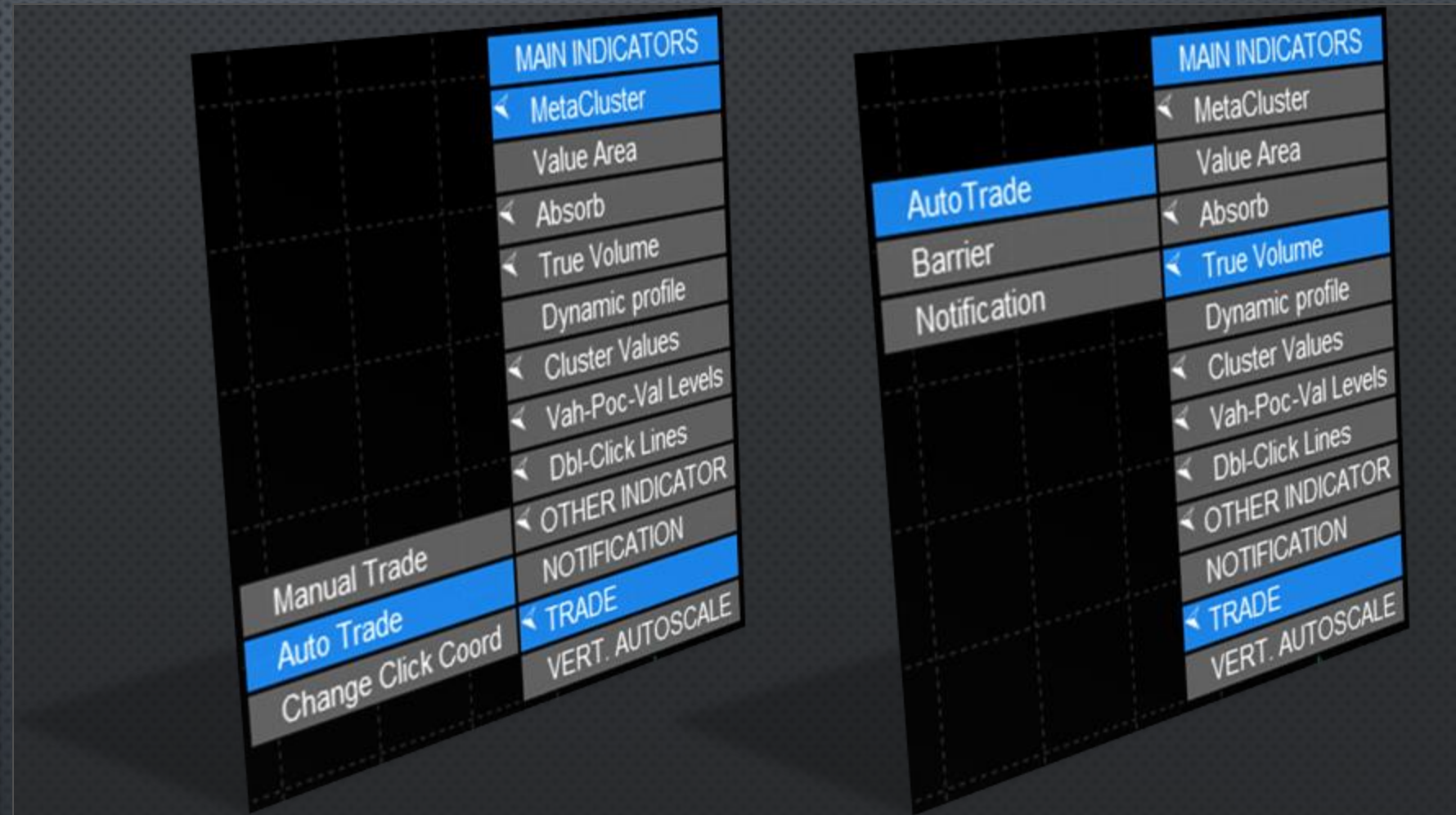
6.3.2. True Volume > Auto Trade - enabling the Bot for trading the True Volume strategy

- Auto strategy is a learning strategy, as it does not take into account the entire Market Context, but it allows you to see and analyze the trading of the Target Zones, one of the boundaries of which - POC - is marked by the True Volume indicator (see Slide #9). To determine the MetaCluster Scheme Variant, you only need to see the corresponding VAH / VAL in the candlestick that starts this True Volume level and analyze the trading of the Target Zone
- For autotrading you need to enable the AutoTrade buttons of the TRADE and True Volume submenus, as well as install and attach the MetaCluster_AutoClick indicator to the asset chart.

It is recommended to trade in pair with the Bot during the learning process

- The Bot automatically opens trades when True Vol level is tested (by Barrier or Price).
- The user manually opens control trades (a. When the Price reaches the Target Zone; b. When the Price breaks through the Target Zone. When the price breaks through the Target Zone, determining the Mirror Level within the range of this Target Zone).

This Learning Process allows you to start to see the Target Zones, their influence on the Price movement and effectively trade them according to the MetaCluster Scheme variants taking into account the Market Context.



VI. Tools and functionality of the Panel: TRADE > Change Click Coord

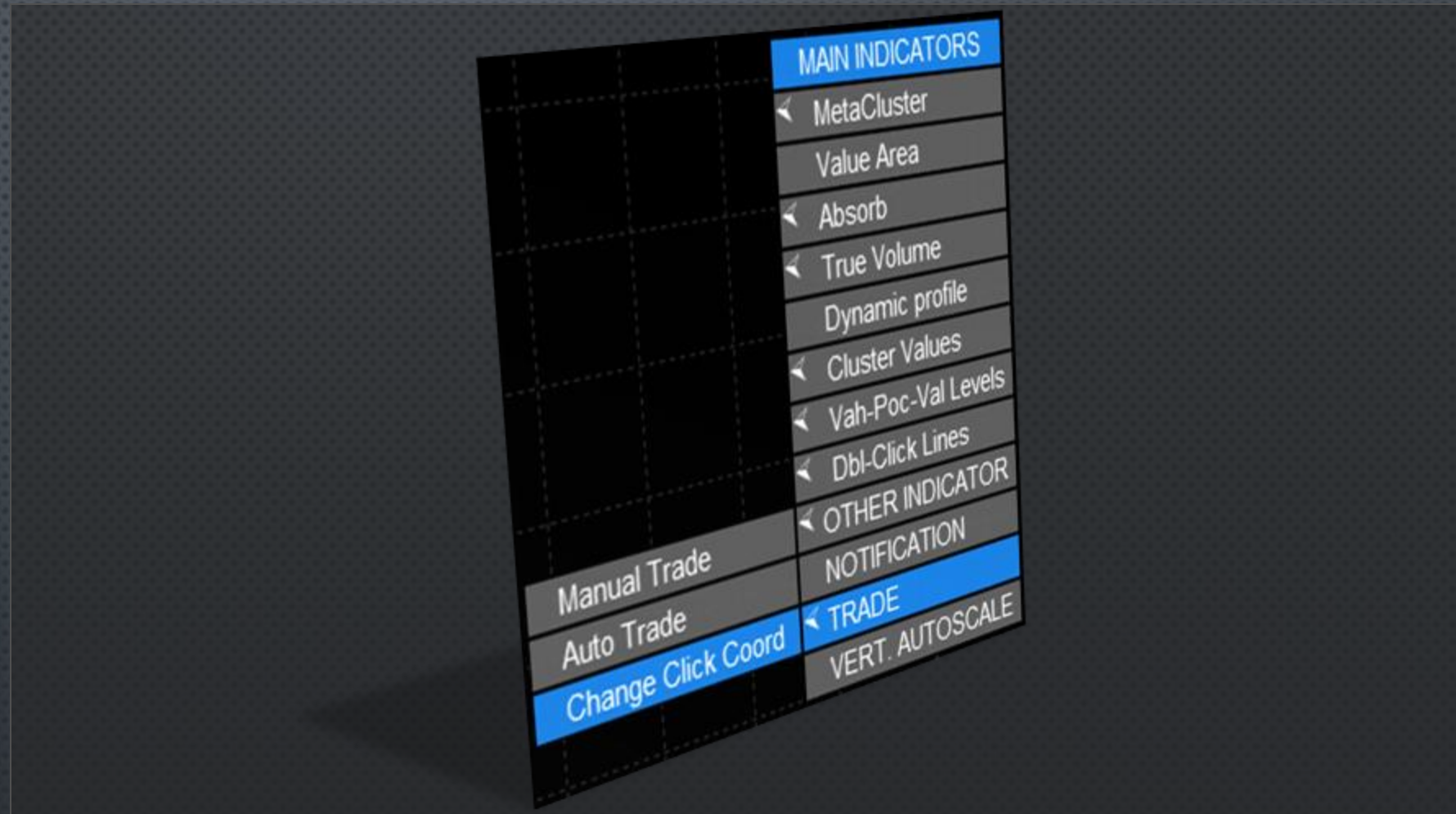
6.4. Change Click Coord - AutoClicker function for binary options

- Designed for placing Buy/Sell bets by pressing the Up/Down arrows on the keyboard, performs clicking on the Buy/Sell buttons in the broker's window
- AutoClicker is necessary for automatic trading. It is also recommended for manual trading

To enable and configure it you need to

- download, install and attach the MetaCluster_AutoClick indicator to the asset chart (see slide #24)
- When the TRADE button is enabled, enable the Change Click button
- execute a voice instruction to specify the Buy/Sell buttons in the broker's window.

AutoClicker in this version works without API, with any broker and is not visible for it



VII. Tools and functionality of the Panel: Vert. AutoScal / Cluster scaling

7.1. Vert. AutoScal - auto scaling of the chart by height

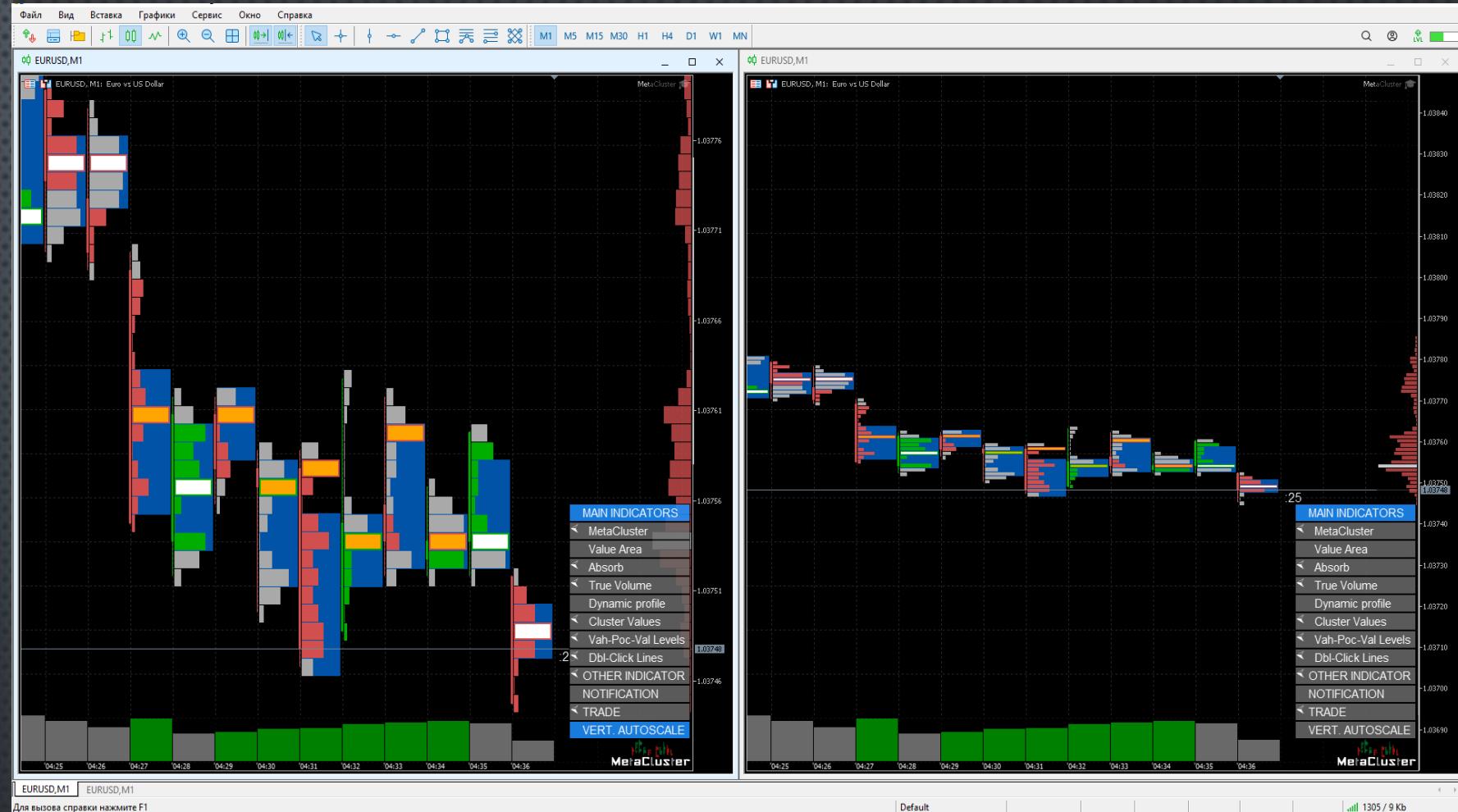
- When you disable Vert. AutoScal you can compress the chart by height, but you will have to shift it manually when the Price reaches the boundary of the Timeframe window
- It is recommended that Vert. AutoScal on

Other cluster scaling methods:

- By cluster height
To change the height of clusters, move the mouse cursor to the left edge of the chart and scroll the mouse wheel up or down
- By cluster width
To change the width of clusters, move the mouse cursor to the upper edge of the chart and scroll the mouse wheel up or down.
You can also use the "+" and "-" buttons on the Toolbar or keyboard for this purpose

Video "Scaling methods in MetaCluster":

https://drive.google.com/drive/folders/1wZ2jhxaYzFW0Hl4wQ3VOKMnr25Q_69s4?usp=drive_link



IV. Conclusion #1

Recommendations for using MetaCluster

MetaCluster is an extremely accurate tool that requires understanding of the Volume Analysis Method and, if available, gives a WinRate close to 100%

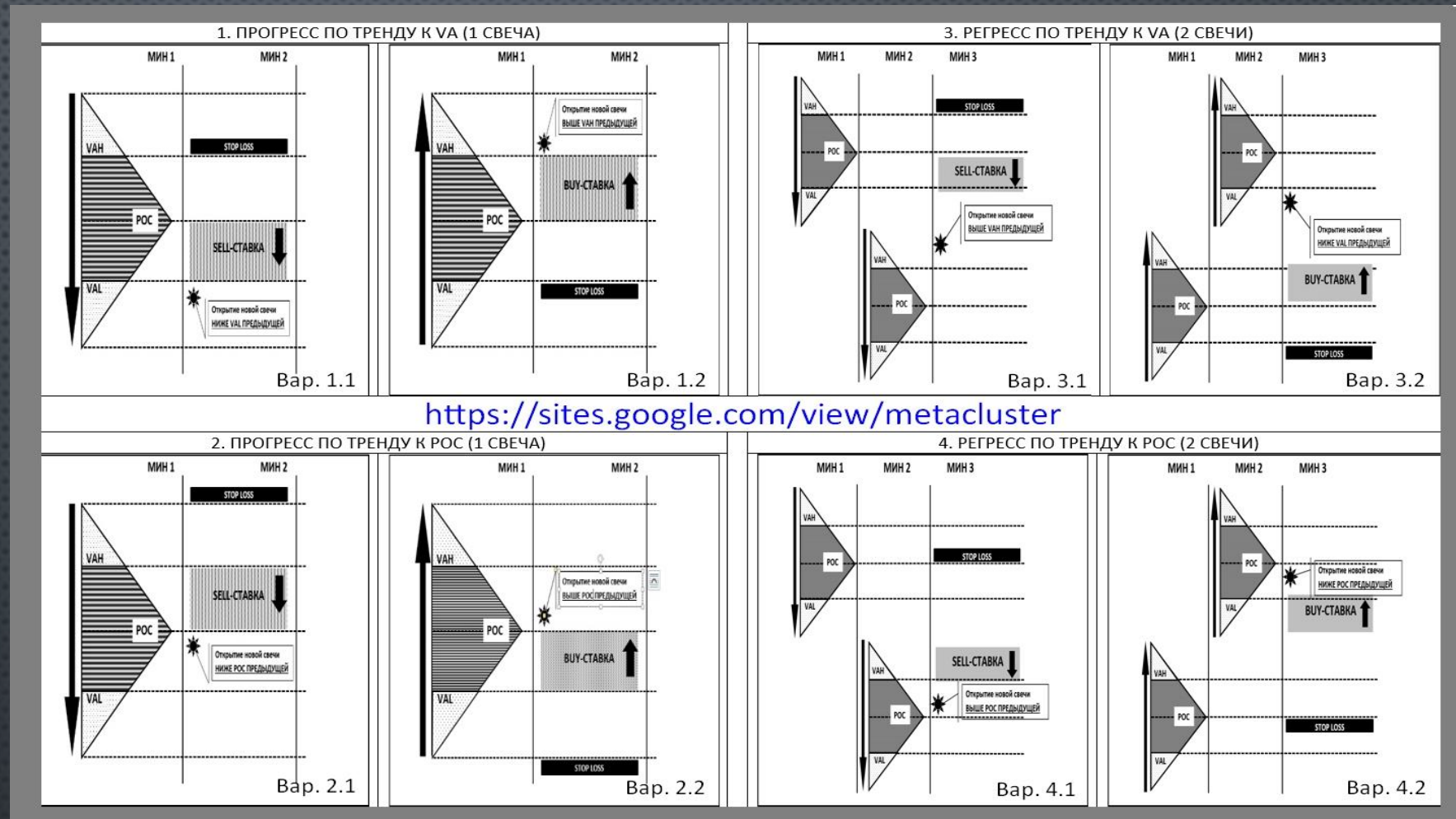
Working with Multi-Timeframe Analysis gives maximum understanding of the Market Context without allowing Price to hypnotize the User

Alerts inform about Price approach to a significant level. It is necessary to trade not the alert, but the Target Zone when Price enters it - aggressively according to MetaCluster Scheme variants and (or) mirror it when it is broken

All alerts should be correlated with MetaCluster Scheme Variants and the principles of analyzing the Market Context (Volume Absorption, Absorption Protection / Absorption Non-Protection, Derived Volumes: Traps/Stop), as well as the Principle of cyclic price movements at significant volume levels (see slide # 32)

Manual trading with the application of the Volume Cluster Analysis Method is always many times more efficient than auto-trading

High WinRate and efficiency in trading are achieved with the ability to see MetaCluster Scheme variants and to trade the Target Zones indicated by MetaCluster markings and signals



<https://sites.google.com/view/metacluster>

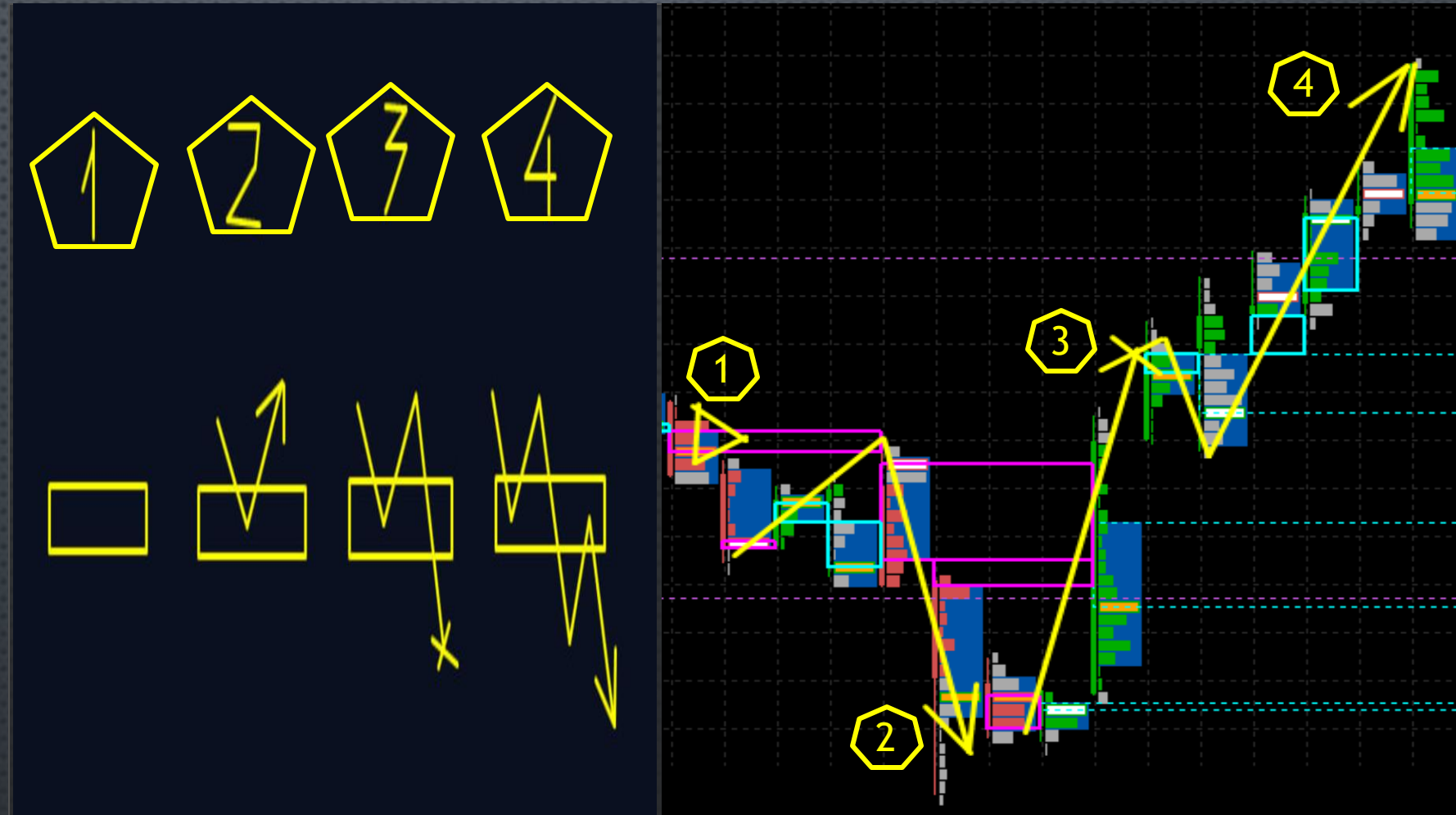
IV. Conclusion #2

Principle of cyclic price movements at significant volume levels

- Step # 1
- Formation of the volume (Target Zone), denoting a significant level
- Step # 2
- Price test of the formed volume and standard price reaction to it.
- Step # 3
- Breakout of the formed volume by the price
- Step # 4
- Test by price of the broken volume and mirror price reaction to it

In the example on the screen on the left shows the Scheme of the principle (for the Target Buy-zone), the screen on the right shows its mirror realization for the Target Sell-zone, marked with a yellow triangle.

This principle works on any assets and timeframes and can be used in any type of trading - Crypto-markets, Forex, Binary Options.



IV. Conclusion #3

Information to note

- Volume is primary - Price is secondary. Volume determines Price movements
- Price moves not by Candlesticks, but by Ticks. For candlesticks of senior timeframes, ticks can be considered as candlesticks of junior timeframes. This allows us to conclude that in any Buy-movement there is room for Sell and vice versa
- The market gives a lot of trading opportunities - it is worth trading only those of them, in which the Target Zone for entering a deal and its direction are clearly defined

Success and Profit

Regards,
Bo-FxTrade2020 / MetaCluster

December 25, 2024

