

MARIA BREAKOUT

v1.01 · User Guide

BUY STOP and SELL STOP breakout ladder with equity target

MetaTrader 4 · a MetaTrader 5 version is also available

Website: https://polymaria.net
Telegram: https://t.me/polymaria_net
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1. About PolyMaria

PolyMaria (polymaria.net) is a home for MetaTrader traders. On polymaria.net you find the Maria robot family, thousands of robots, indicators and scripts for MT4 and MT5, free trading books, the Robot Builder and the PolyMaria desktop app.

Every Maria product comes with a full user guide like this one and support on our Telegram channel.

Link	Address
Website	https://polymaria.net
Telegram channel	https://t.me/polymaria_net
All products on MQL5	https://www.mql5.com/en/users/murodillo/seller

2. What Maria Breakout does

Maria Breakout places a ladder of BUY STOP orders above the current price and SELL STOP orders below it. When the market breaks out in one direction, the stops on that side are filled one after another and ride the move. The robot then manages the open trades with an equity target, a trailing stop and a set of safety exits, and starts a fresh ladder at the new price when the cycle is done.

Key ideas

- **Two-sided ladder.** BUY STOPs above the price, SELL STOPs below, the same distances on both sides. You can also use one side only.
- **5 lot zones.** Levels near the price use small lots; levels farther away can use bigger lots.
- **Real + virtual levels.** Only the nearest levels (zone 1) are real pending orders at the broker. The rest wait as dotted "virtual" lines and become real orders only when they are needed. This keeps the order list short.
- **Robot-only money.** The equity target counts only this robot's trades (its magic number and symbol). Manual trades and other robots are never mixed in.
- **One panel.** Start, stop, close and delete from the chart panel. Every setting can also be changed on the panel while the robot runs.

How the ladder looks (default settings, gold)

Level	Distance from price	Order type	Lot	Status
BUY 5	+10.00	BUY STOP	0.01	virtual (dotted line)
BUY 3	+6.00	BUY STOP	0.01	real pending order
BUY 2	+4.00	BUY STOP	0.01	real pending order
BUY 1	+2.00	BUY STOP	0.01	real pending order
PRICE	**0**	—	—	—
SELL 1	−2.00	SELL STOP	0.01	real pending order
SELL 2	−4.00	SELL STOP	0.01	real pending order
SELL 3	−6.00	SELL STOP	0.01	real pending order
SELL 5	−10.00	SELL STOP	0.01	virtual (dotted line)



XAUUSD M5: three BUY STOPs above and three SELL STOPs below the price. The collapsed panel shows the equity target, balance and equity.

3. Installation

Requirements

Item	Requirement
Platform	MetaTrader 4 (Maria Breakout.ex4).
Symbol	Made for gold (XAUUSD). Other symbols work after you change Start and Step (section 7).
Timeframe	Any. The robot switches the chart to M5 when you attach it (you can turn this off).
Trading permission	AutoTrading must be ON and "Allow live trading" ticked in the robot's Common tab.
Internet	Not needed. The robot sends no web requests.

a) From the MQL5 Market

1. Buy or rent Maria Breakout on the MQL5 Market.
2. In MetaTrader 4 open the Terminal window (Ctrl+T) and go to the Market tab.
3. Open Purchased and click Install next to Maria Breakout.
4. The robot appears in the Navigator window under Expert Advisors → Market. Drag it onto a XAUUSD chart.

b) Manual file install on MT4

1. In MetaTrader 4 open File → Open Data Folder.
2. Open MQL4 → Experts and copy Maria Breakout.ex4 there.
3. In the Navigator window, right-click Expert Advisors → Refresh.
4. Drag Maria Breakout onto a XAUUSD chart. On the Common tab tick "Allow live trading", click OK and make sure the AutoTrading button is ON.

c) MetaTrader 5

A separate MT5 version (Maria Breakout MT5) is available. Install it the same way: File → Open Data Folder → MQL5 → Experts, refresh the Navigator, attach the robot and switch the Algo Trading button ON. MT5 needs a HEDGING account, because every level is its own position.

d) WebRequest

Maria Breakout does not use the internet, so you do not need to add any URL in Tools → Options → Expert Advisors.

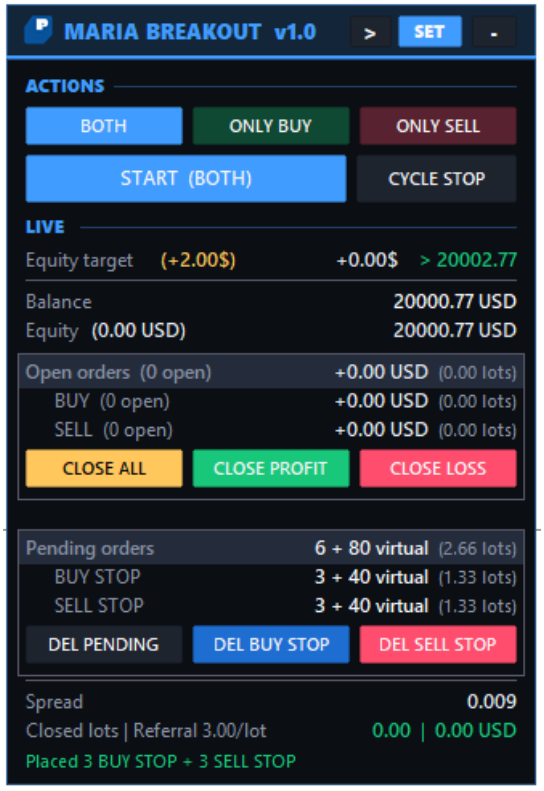
> **TIP** To update the robot, replace the .ex4 file (or reinstall from the Market) and attach it again. Your panel settings are kept for each symbol and magic number.

4. Quick start (5 steps)

1. Attach the robot to **XAUUSD**. The panel opens on the left side of the chart.
2. Pick a side: **BOTH**, **ONLY BUY** or **ONLY SELL**.
3. Press **SET** and check Start, Step and the lot zones. On other symbols set Start and Step to that symbol's price scale.
4. Press **START**. The robot places 3 BUY STOPs and 3 SELL STOPs; the other levels appear as dotted virtual lines.
5. Watch the **LIVE** block. When the robot's profit reaches the equity target (default +$2), it closes everything and places a fresh ladder. To finish after the current cycle press **CYCLE STOP**.

> **IMPORTANT** Test every new setting on a demo account first. A stop order ladder can open many trades in a fast market.

5. The panel and its buttons



The panel in its medium view (settings hidden).

Header buttons

Button	What it does
> / <	Moves the panel to the right or left side of the chart.
SET	Shows or hides the settings (GRID, LOTS, EXIT). Values you type there are used at once and saved.
- / +	Collapses the panel to a small strip (equity target, balance, equity) or opens it again.

ACTIONS

Button	What it does
BOTH	Use both sides: BUY STOPs above and SELL STOPs below the price.
ONLY BUY	Use only BUY STOPs (when you expect a move up).
ONLY SELL	Use only SELL STOPs (when you expect a move down).
START	Places a new ladder around the current price for the chosen side.
CYCLE STOP	Finishes the current cycle without starting a new one. After the next equity target close (or when the ladder is empty) the robot waits until you press START again.

LIVE

Row / button	Meaning
Equity target (+2.00$)	The step. The middle number is the robot's profit since the current target started. The number after ">" is the account equity at which the target is reached.
Balance / Equity	Account balance and equity. The number in brackets is the open floating profit or loss.

Row / button	Meaning
Open orders	Open BUY and SELL trades of this robot, with their profit and total lots.
CLOSE ALL	Closes all open trades of this robot. Pending stops stay.
CLOSE PROFIT	Closes only the trades that are in profit.
CLOSE LOSS	Closes only the trades that are losing.
Pending orders	Real pending stops + virtual levels per side (for example "3 + 40 virtual") and their lots.
DEL PENDING	Deletes all pending stops and virtual levels on both sides.
DEL BUY STOP / DEL SELL STOP	Deletes the pending stops of one side only.

Info rows

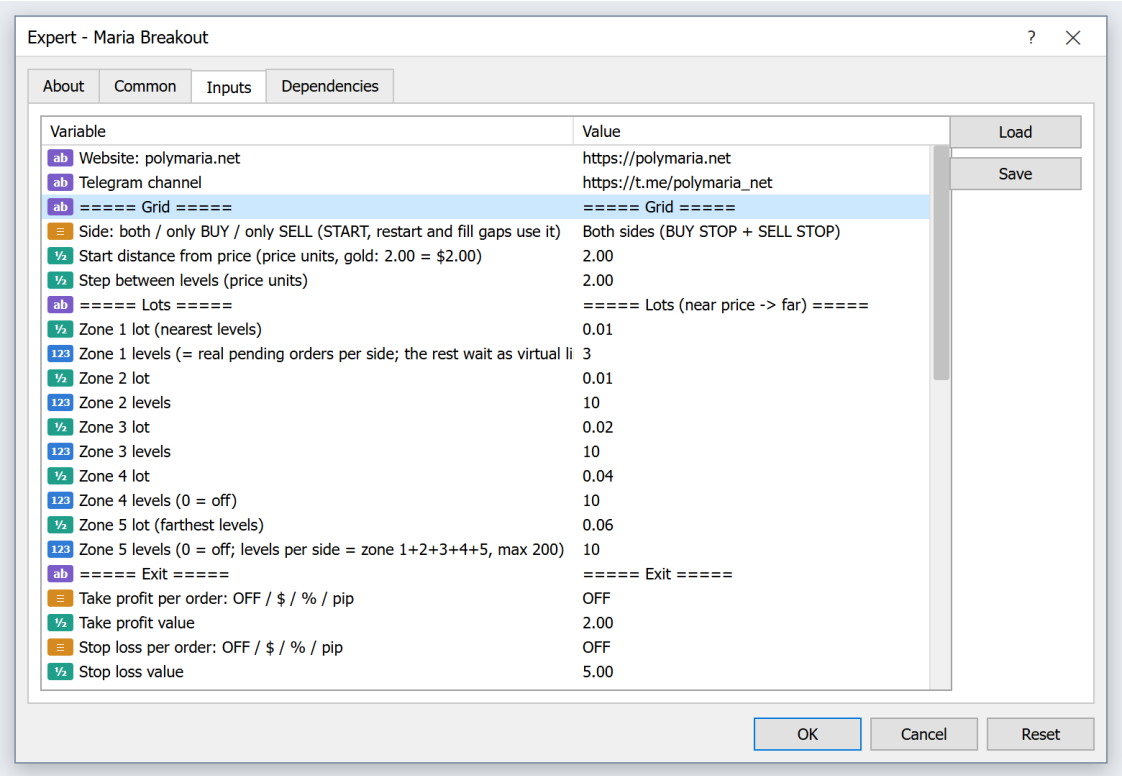
- **Spread** – the current spread of the symbol.
- **Closed lots | Referral** – lots this robot has closed and the rebate they earned (the rebate per lot is a setting).
- **Status line** – the last action, for example "Placed 3 BUY STOP + 3 SELL STOP" or "Equity target reached".

CLEAR button (top-right of the chart)

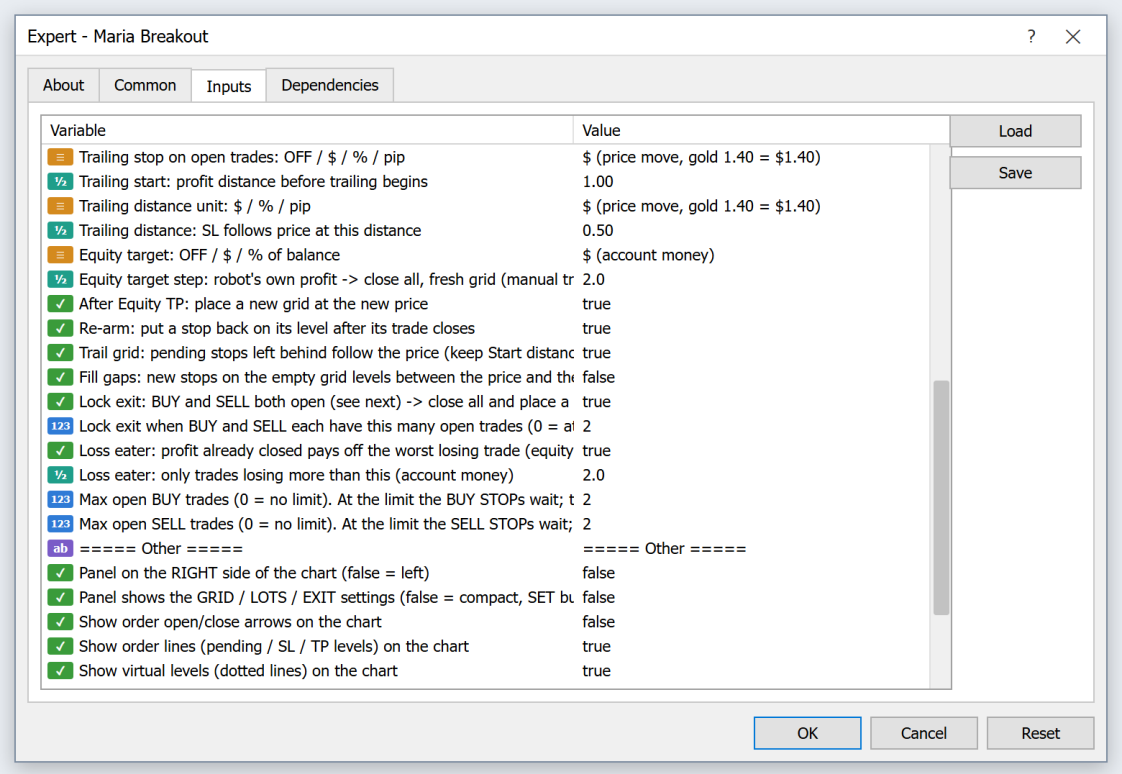
CLEAR deletes leftover chart objects (old arrows, lines, text) without touching the panel or your orders. The small box to its left sets Auto CLEAR: 0 = always clean, N = clean every N new candles, -1 or OFF = only when you press CLEAR.

6. Settings reference

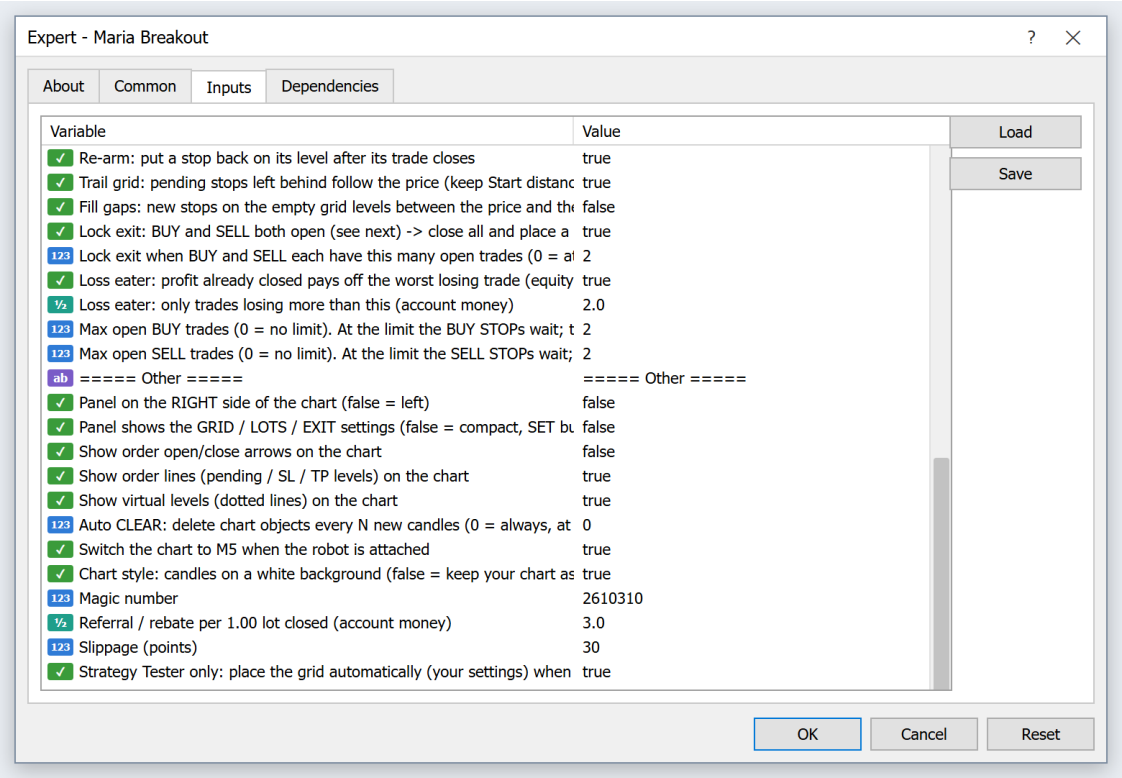
All settings are on the Inputs tab of the robot. Most of them can also be changed on the panel (SET); panel values are saved per symbol and magic number.



Inputs window, part 1 of 3.



Inputs window, part 2 of 3.



Inputs window, part 3 of 3.

Links

Setting	Default	What it does
Website	polymaria.net	Information only: our website. It does not change how the robot trades.
Telegram channel	t.me/polymaria_net	Information only: our Telegram channel for news and support.

Grid

Setting	Default	What it does
Side	Both sides	Which stops START, restart and fill gaps place: both sides, only BUY STOP or only SELL STOP.
Start distance from price	2.00	How far from the price the first level is, in price units. On gold 2.00 means a 2.00 move.
Step between levels	2.00	The distance from one level to the next, in price units.

Lots (near price → far)

Setting	Default	What it does
Zone 1 lot	0.01	Lot of the nearest levels.
Zone 1 levels	3	How many levels use the zone 1 lot. This is also the number of REAL pending orders per side; all other levels wait as virtual lines.
Zone 2 lot	0.01	Lot of the next levels.
Zone 2 levels	10	How many levels use the zone 2 lot.
Zone 3 lot	0.02	Lot of zone 3.
Zone 3 levels	10	How many levels use the zone 3 lot.

Setting	Default	What it does
Zone 4 lot	0.04	Lot of zone 4.
Zone 4 levels	10	How many levels use the zone 4 lot. 0 switches the zone off.
Zone 5 lot	0.06	Lot of the farthest levels.
Zone 5 levels	10	How many levels use the zone 5 lot. 0 switches the zone off. Levels per side = zone 1 to 5 together, max 200. Defaults: 43 levels and 1.33 lots per side.

Exit

Setting	Default	What it does
Take profit per order	OFF	Puts a take profit on every order. Choose OFF, $ (price move), % of price or pip.
Take profit value	2.00	Distance of that take profit, in the unit chosen above.
Stop loss per order	OFF	Puts a stop loss on every order: OFF, $, % or pip.
Stop loss value	5.00	Distance of that stop loss, in the unit chosen above.
Trailing stop on open trades	$	Switches the trailing stop on (OFF / $ / % / pip) and sets the unit of the start.
Trailing start	1.00	How far a trade must be in profit before its stop loss starts to follow the price.
Trailing distance unit	$	Unit of the trailing distance: $, % or pip.
Trailing distance	0.50	The stop loss stays this far behind the price and only moves in the profit direction.
Equity target	$	Switches the equity target on: OFF, $ (account money) or % of the balance.
Equity target step	2	Profit step of the robot. When its own profit since the target started reaches this, it closes all and starts a fresh ladder. Manual trades are not counted.
After Equity TP: new grid	true	After the target close, place a new ladder at the new price. false = stay flat.
Re-arm	true	After a trade closes, put a stop back on its level so the level can trade again.
Trail grid	true	Pending stops left behind follow the price in whole steps and keep the Start distance.
Fill gaps	false	Adds stops on empty levels between the price and the ladder.
Lock exit	true	When BUY and SELL trades are open together (see next setting), close all and place a new ladder.
Lock exit when	2	Number of open BUY and SELL trades each that counts as a lock (2 = 2 BUY + 2 SELL). 0 = when both sides reach Max open.
Loss eater	true	Profit already closed pays off the worst losing trade; equity moves to the balance.
Loss eater minimum	2.0	Only trades losing more than this amount (account money) are closed by the loss eater.
Max open BUY trades	2	At this many open BUY trades the BUY STOPs wait; they come back when a BUY closes. 0 = no limit.

Setting	Default	What it does
Max open SELL trades	2	The same for SELL trades and SELL STOPs.

Other

Setting	Default	What it does
Panel on the right side	false	false = panel on the left, true = on the right of the chart.
Panel shows the settings	false	Opens the panel with GRID / LOTS / EXIT visible. false = compact; the SET button opens them.
Show order arrows	false	Draws open/close arrows of trades on the chart.
Show order lines	true	Shows the lines of pending orders, stop loss and take profit.
Show virtual levels	true	Shows the dotted lines of the virtual levels.
Auto CLEAR	0	Deletes old chart objects: 0 = always, N = every N new candles, -1 = off (CLEAR button only).
Switch the chart to M5	true	Changes the chart to M5 when the robot is attached. A timeframe you choose later stays.
Chart style: white	true	Candles on a white background. false = keep your own chart colours.
Magic number	2610310	Marks the robot's orders. Use a different number for each chart of the same symbol.
Referral per 1.00 lot	3.0	Rebate you receive per lot closed; only used for the "Closed lots | Referral" row.
Slippage	30	Maximum price slippage for orders, in points.
Strategy Tester demo trades	true	Tester only: places the ladder automatically with your settings when none is open. Live charts ignore it.

7. How the features work together

Equity target

The robot counts its own profit from the moment the current target starts: trades closed since then, plus the floating P/L now, minus the floating P/L at the start. When this reaches the step (default +$2), it closes all open trades first, then deletes the pending stops, sets a new target and (with the new-grid option on) places a fresh ladder at the new price.

Lock exit

If the price swings and both sides fill (for example 2 BUY + 2 SELL), the trades lock each other and their total P/L barely moves. Lock exit closes everything and starts a new ladder around the price, so the account is not stuck in a hedge.

Loss eater

Closed profit works as a bank. When the bank can pay for the worst losing trade, that trade is closed. The total result does not change, but equity moves to the balance and a Max open slot is freed.

Max open, re-arm and trail grid

- **Max open** limits the open trades per side. Extra stops wait and come back when a slot frees.
- **Re-arm** puts a stop back on a level after its trade closes, so the same level can trade again.
- **Trail grid** moves the levels left behind toward the price in whole steps, so the ladder stays close to the market.

Settings for other symbols

Start and Step are in price units. 2.00 is right for gold but very far on other symbols. Use these as starting points and test on demo:

Symbol	Price example	Start / Step	Equals about
XAUUSD (gold)	3930.00	2.00 / 2.00	a 2.00 move
USDJPY	158.70	0.20 / 0.20	20 pips
EURUSD, GBPUSD	1.1190	0.0020 / 0.0020	20 pips

NOTE If you keep 2.00 on USDJPY, the first stops are 200 pips away and their lines are outside the visible chart. The robot works, but you will not see the lines.

8. Troubleshooting

Problem	What to do
Nothing happens on START	AutoTrading is off or live trading is not allowed. Switch the AutoTrading button ON and tick "Allow live trading" on the robot's Common tab.
I see no order lines	Check that Start and Step suit the symbol (section 7). Squeeze the price scale to see far levels. Check "Show order lines" and "Show virtual levels".
Panel buttons do not react	The robot is not running on this chart (the panel is only a picture). Remove the robot (right-click the chart → Expert list → Remove), refresh the Navigator and attach it again. The Experts tab shows the reason.
"pending price too close to market"	The broker needs a bigger distance for pending orders. Increase Start distance.
"not enough money" / lot errors	Lower the lots of the zones or the number of levels; check the broker minimum lot and lot step.
Two robots on one symbol mix up	Give each chart its own magic number.
Strategy Tester	MT4 cannot click panel buttons in the tester. There the robot places the ladder by itself with your settings (Strategy Tester demo trades = true). If the distances do not suit the tested symbol, the tester scales them to that symbol so the ladder can still be shown. Use visual mode to watch the exits.
WebRequest error 4060 / 5203	Not used by Maria Breakout: the robot sends no web requests.

Where to look

- **Experts tab** (Terminal window) – every action of the robot: orders placed, closed, deleted, and the reason.
- **Journal tab** – platform messages, for example connection or trading permission problems.

9. Risk warning

Trading leveraged products such as gold and currencies carries a high risk of loss. A stop order ladder can open many trades in a fast or gapping market, and past results do not guarantee future results. Start on a demo account, use small lots and only trade money you can afford to lose. The author is not responsible for losses caused by using this software.

10. Support and links

Questions, ideas or a problem? Send screenshots of the Experts and Journal tabs and of the robot's Inputs tab to our Telegram channel.

Link	Address
Website	https://polymaria.net
Telegram channel	https://t.me/polymaria_net
All products on MQL5	https://www.mql5.com/en/users/murodillo/seller