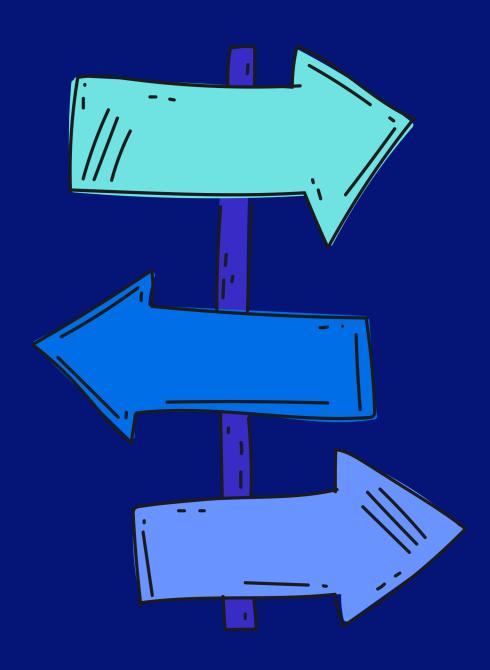
TABLE OF CONTENTS

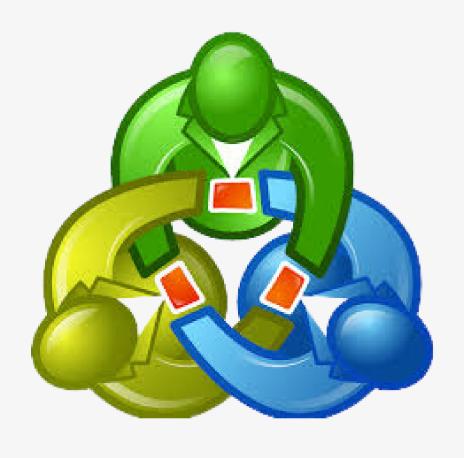
HERE IS A SUMMERY OF WHAT YOU WILL FIND IN THIS PDF. CLICK ON EACH TOPIC YOU WOULD LIKE TO LEARN ABOUT.

- 1. GETTING STARTED
 - A. HOW TO INSTALL METATRADER
 - B. A QUICK GUIDE TO MT
- 2. TRADING WITH THE PROP FIRM ROBOTS
 - A. PROP FIRM ROBOTS APP
 - B. HOW TO PLACE PROP FIRM ROBOTS
 ONTO MT
 - C. BACKTESTING THE ROBOTS
 - D. UNIQUE TRADES
 - E. PASSING A CHALLENGE
- 3. TESTIMONIALS



THE MOST COMMON AND TRUSTED PLATFORM FOR ALGO TRADING AND EXPERT ADVISORS(ROBOTS)

META TRADER



How to install MetaTrader?

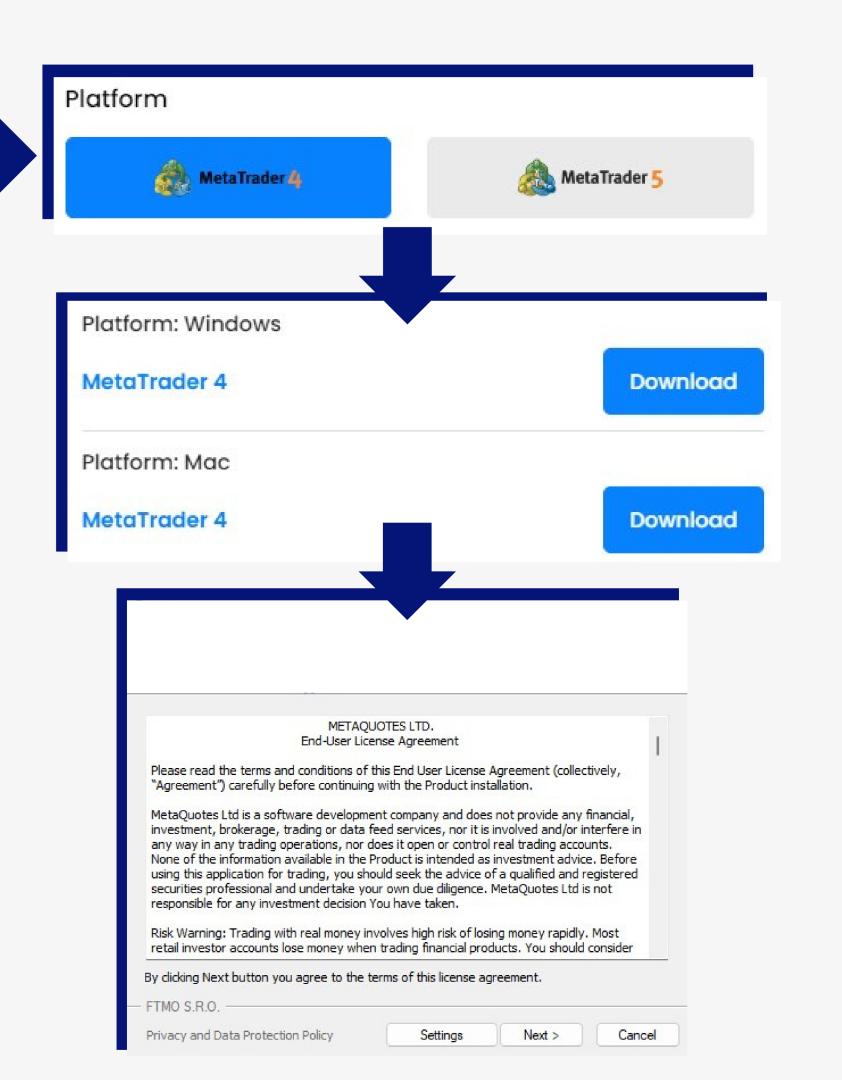
Once you open an account with any Prop Firm, visit their website/dashboard and download MT4 or MT5 according to your preference.

Account with the Prop Firm

Select MT4 or MT5

MAC/Windows

Install



INTRODUCTION

METATRADER

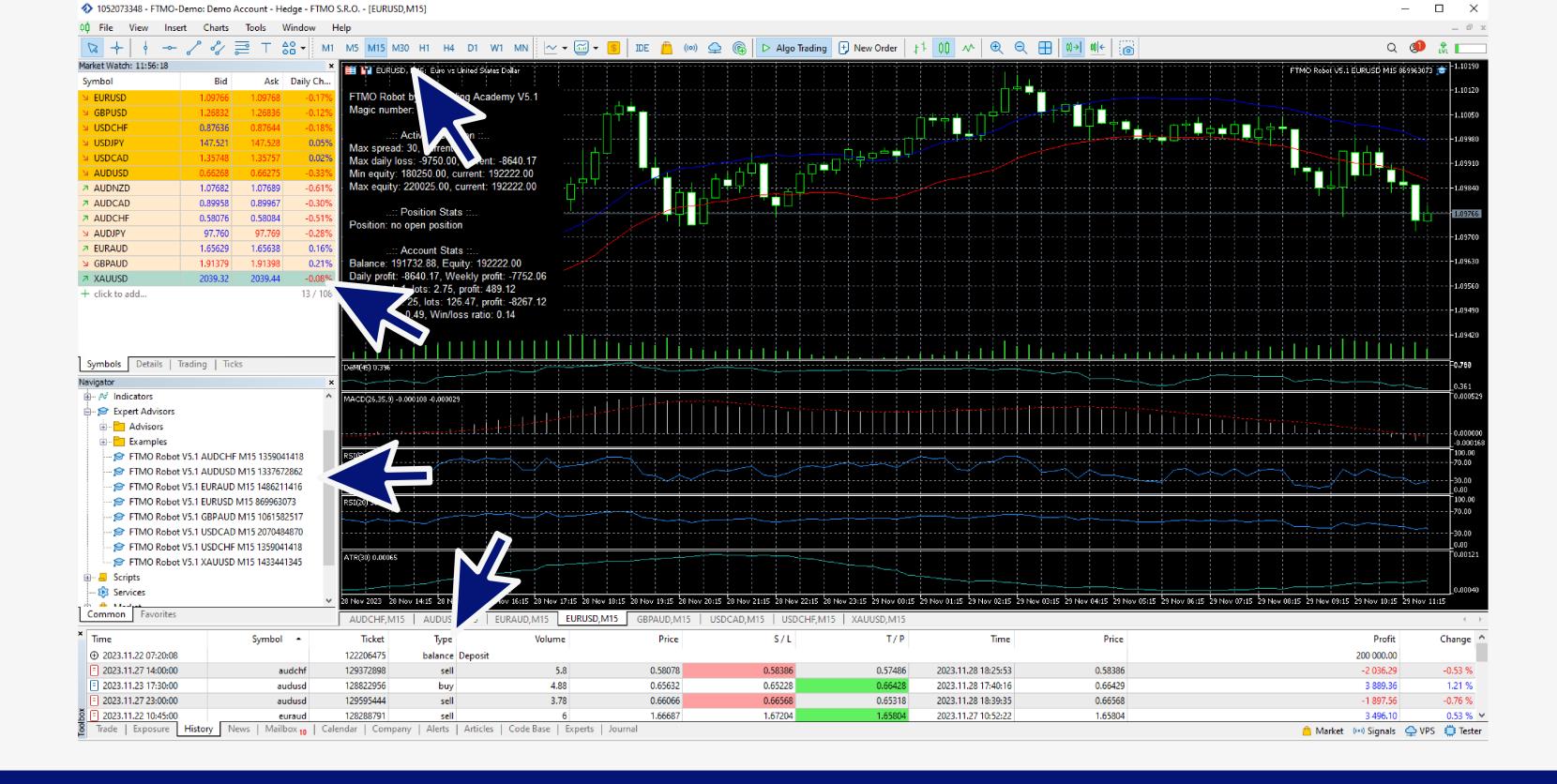


MetaTrader is the most common platform in the Forex market. It is provided by most regulated brokers, and is free for their clients.

Best of all — we can trade with Expert Advisors!

MetaTrader is similar to all trading platforms, so it will be easy for you to start using it.

There is a web version of the platform, but if you want to use Expert Advisors, you will need to install the desktop version on your computer



Time Frames: On the bar above the chart, you will find different drawing tools, time frames and chart types.

Market Watch: The assets are on the left side, in the box called Market Watch.

Navigator: Access to your Accounts, Expert Advisors, Indicators, and Scripts.

Terminal: Check your open trades, Account History, and Journal for errors with the EAs



TYPES OF CHARTS

When you trade with Expert Advisors, it does not matter which chart type you use. The charts represent the price and time. When the price moves, it forms different candlesticks or bars, and each one represents a time period.

Traders use candlesticks and different pattern formations to analyze the market. The purpose is to predict price movements.

In algorithmic trading, the candlesticks form the Historical data, and this is what we use to create our strategies.

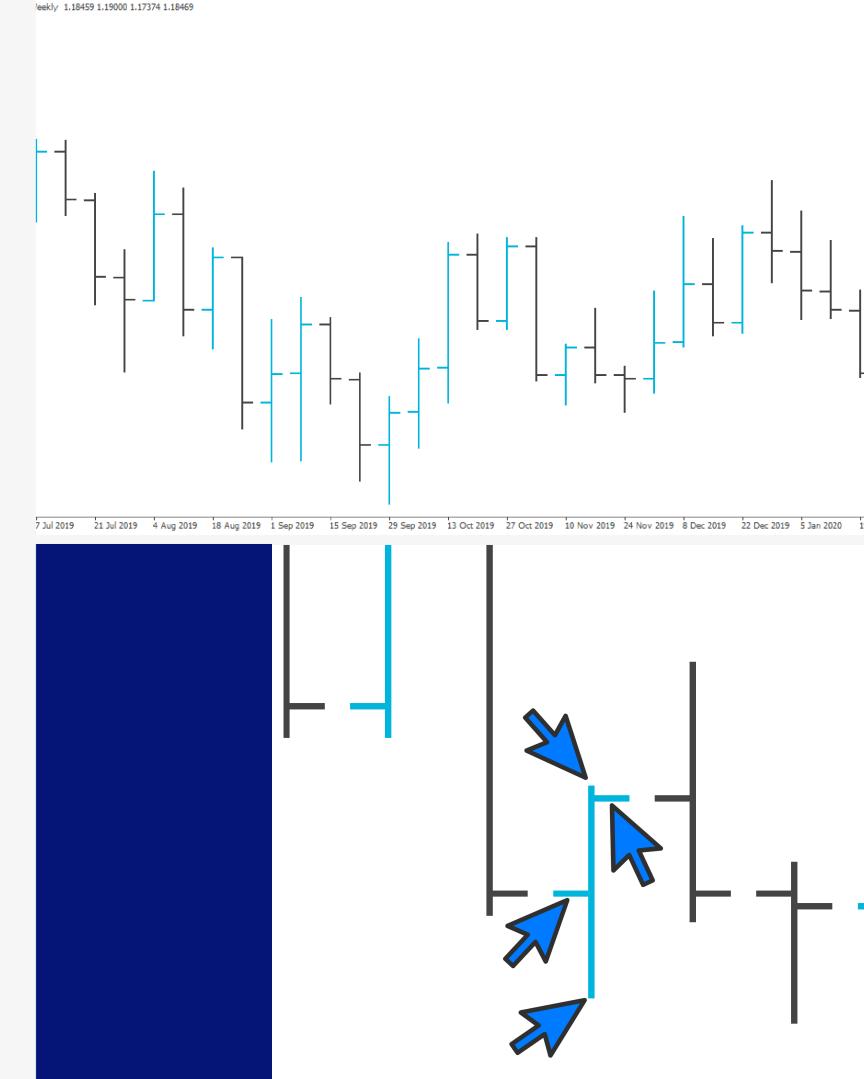
BAR CHART

The bars represent a certain period. If we are on the Daily time frame, one bar is 24 hours. There are four values in every bar:

High — the highest price reached during a 24 hour period Close — the price at which the bar closed/finished Open — the price at which the bar opened/started Low — the lowest price reached during the 24 hour period

The bars are displayed with vertical and horizontal lines.

The vertical line illustrates "how big the bar is". This is the distance between the Low and the High. Normally this value is measured in pips. The small horizontal line on the left side shows the opening of the bar. The small horizontal line on the right side shows the closing of the bar.



CANDLESTICK CHART

Very similar to the bar chart, we have the four values - High, Close, Open, and Low, but the difference is that the distance between the Open and the Close is filled. It is called the body of the candlestick.

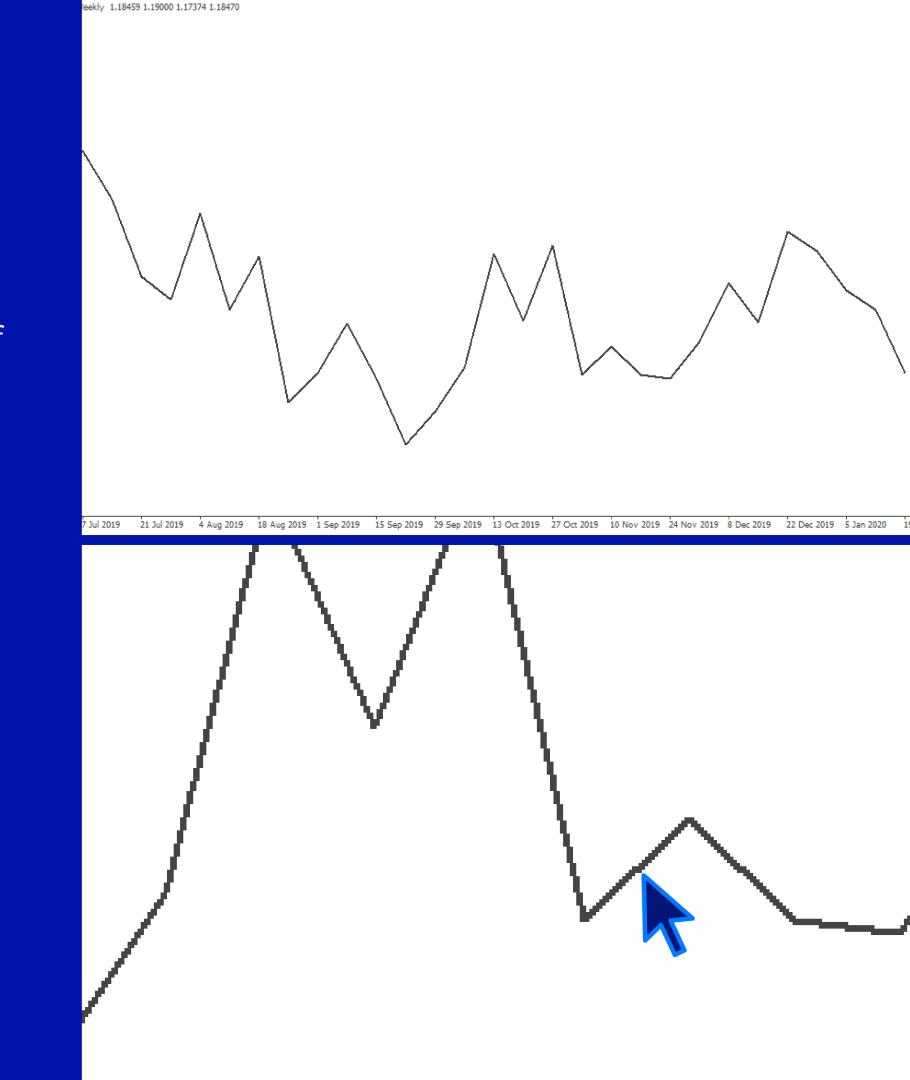
The Candlesticks are the most popular because they show more visually if the day is positive or negative.

You can see the exact values for the High, Close, Open, and Low if you put the mouse on the closing of the bar (without clicking). They will display in a small yellow box.

LINE CHART

The line chart is formed by connecting the Close points of every bar. It only displays the direction of the price, and is not very useful for technical analyses.

However on a Daily chart it gives us a good idea of the direction the price is moving.



Market Watch: 23:15:36				
Symbol	Bid	Ask	!	
USDCHF	0.90828	0.90838	10	
◆ GBPUSD	1.29777	1.29788	11	
◆ EURUSD	1.18477	1.18482	5	
USDJPY	104.726	104.729	3	
USDCAD	1.31525	1.31537	12	
AUDUSD	0.73129	0.73139	10	
EURGBP	0.91283	0.91293	10	
◆ EURAUD	1.61991	1.62010	19	
◆ EURCHF	1.07612	1.07623	11	
◆ EURJPY	124.081	124.088	7	
◆ GBPCHF	1.17877	1.17894	17	
CADJPY	79.617	79.629	12	
GBPJPY	135.910	135.926	16	
AUDNZD	1.08262	1.08288	26	
AUDCAD	0.96182	0.96203	21	
♠ AUDCHF	0.66424	0.66437	13	
AUDJPY	76.589	76.594	5	
CHFJPY	115.295	115.309	14	
◆ EURNZD	1.75396	1.75429	33	
♠ EURCAD	1.55827	1.55843	16	
CADCHF	0.69053	0.69068	15	
NZDJPY	70.730	70.740	10	

MARKET WATCH

In the Market Watch, we see the assets we can trade with the broker. If you do not see many, right-click on any of the assets and select Show All.

This will show you all assets provided by the broker. Two columns are displayed- the Bid and the Ask price.

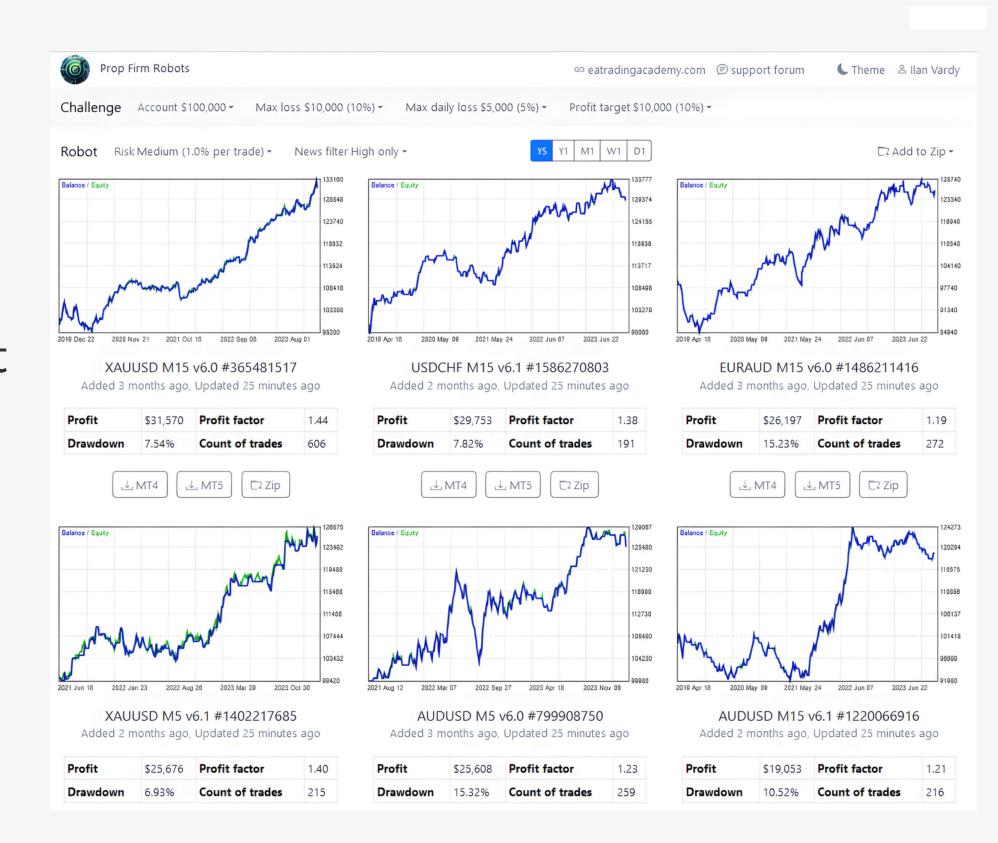
When we buy an asset, we buy it on the Ask price, And when we close the position, we will close it on the Bid price. When we sell an asset, we sell in on the Bid price. And when we close the position, we will close it on the Ask price.

When selecting a trading broker, especially for algorithmic trading, look for brokers with low spreads for the assets.

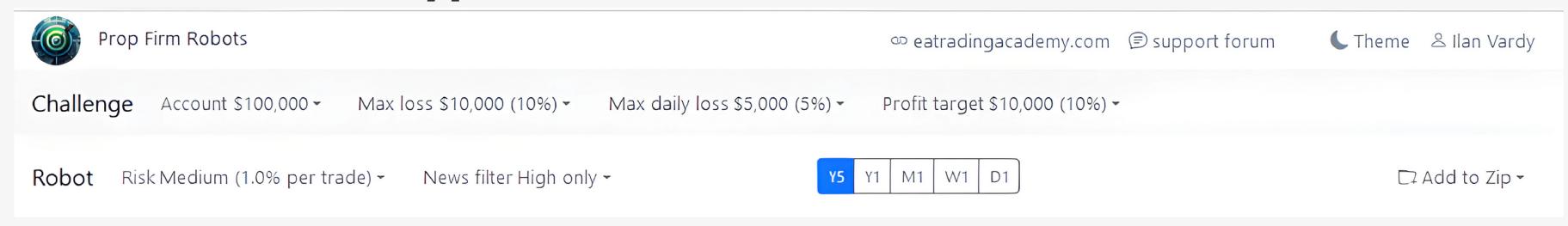
If you want to monitor the Spread continuously, you can right-click over any asset in the Market Watch and select Spread.

PROP FIRMS ROBOT App

We've launched a <u>brand-new app</u> that revolutionizes how you manage your Expert Advisors (EAs). With this app, you can view the past performance of each EA, including key metrics like Profit, Profit Factor, and Drawdown, ensuring you make informed decisions about which EAs to use.



PROP FIRMS ROBOT App



<u>Set your Challenge</u> - You can select the Challenge size, the Max Loss, the Max Daily Loss and the Profit target. The Prop Firm Robots App will show the backtest for each robot accordingly.

Robot Risk You can select between 3 Risk Settings:

- Low Risk 0.5% per trade
- Medium Risk 1.0% per trade
- High Risk 2.0% per trade

You can also decide if you want to use News Filter.

<u>Download the Source Code of the Prop Firm Robots -</u> you can download each Prop Firm Robot or add them all to a single Zip file - it will download with the predefined settings you selected in the App.

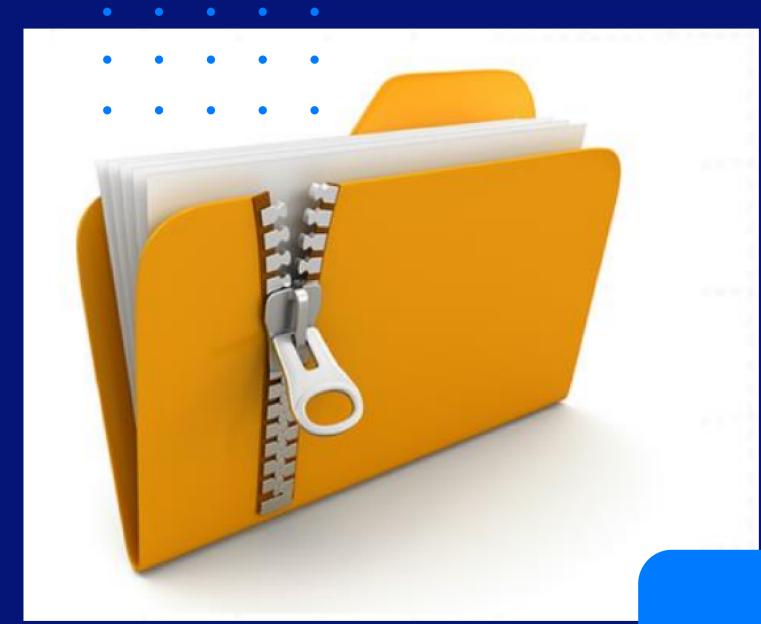
The Lot size will be calculated according to your account size and Risk settings selected.

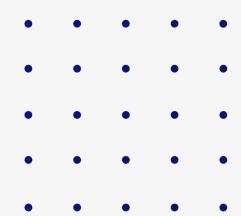
How to place the PROP FIRM ROBOTS onto MetaTrader

Download the zip file and unzip it.

You will find the Expert Advisor with the source code.

Follow the steps below to place the Robot onto your platform correctly.





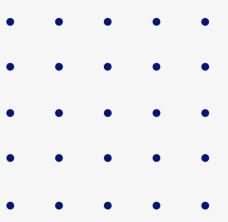
Downloads → Prop Firm Robots MT5 → Prop Firm Robots MT5 ✓				
Name	Date modified	Туре		
5 Prop Firm Robot v6.0 100k Medium EUR	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.0 100k Medium EUR	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.0 100k Medium GBP	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.1 100k Medium AUD	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.1 100k Medium AUD	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.1 100k Medium AUD	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.1 100k Medium EUR	2024/04/16 16:13	MQL5 Source File		
5 Prop Firm Robot v6.1 100k Medium XAU	2024/04/16 16:13	MQL5 Source File		

Copy the Source Code

If you're using MT4, you'll need to **copy the file** with MQ4 file extension, and if you're using MT5, you'll need top the file with MQ5 file extension.

You will receive 12 Robots - 9 for Currency pairs + 3 for Trading Gold.

You have to test the Robots on a Trial/ Demo account with your Prop Firm and see which asset is the most suitable for current market conditions!



File

Open Data Folder

MQL5

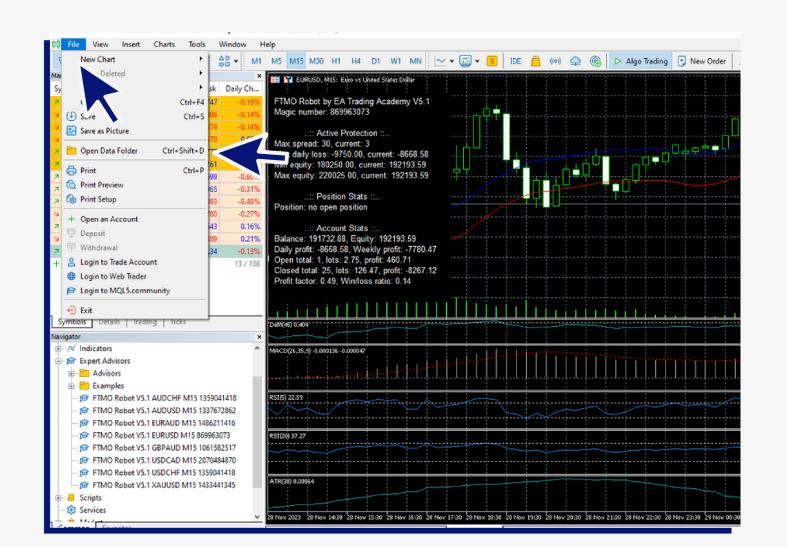
Paste the Prop Firm Robots into MetaTrader

On your MetaTrader platform, go to:

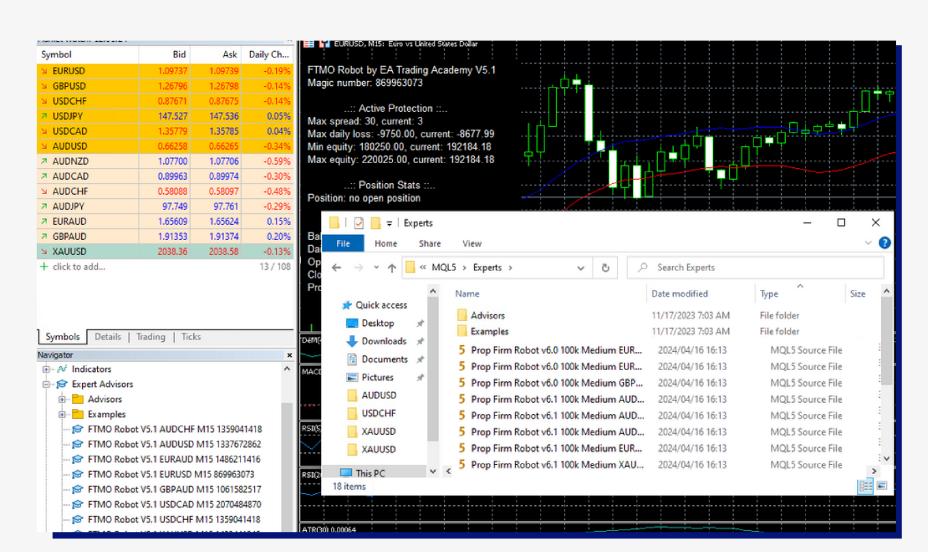
File -> Open Data Folder -> MQL5 -> Experts.

Paste the Expert Advisors in this folder and close it.

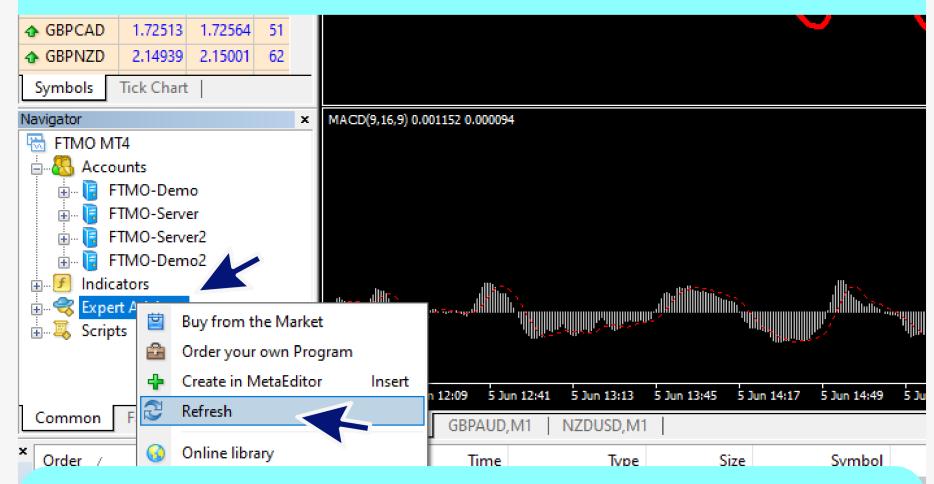
Experts







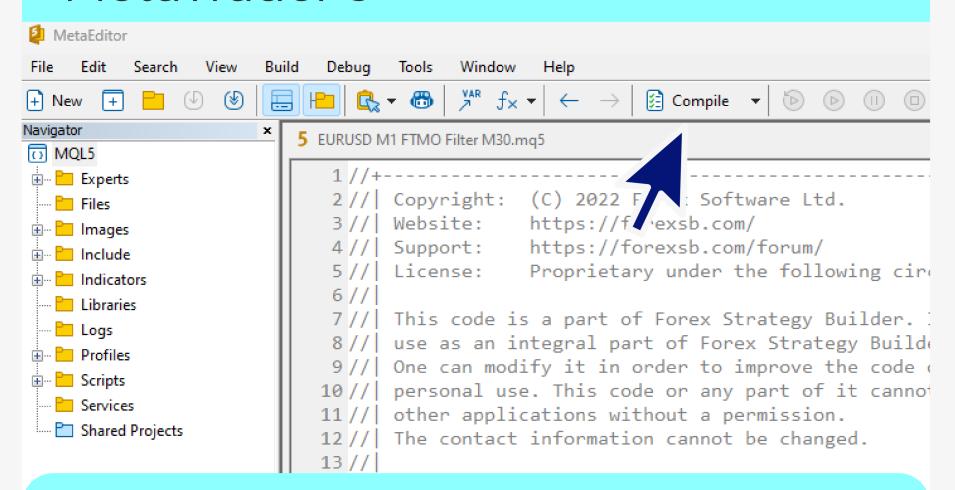
MetaTrader 4



"Refresh" trick

- Go to the Navigator (Below the Market Watch)
- Right-click on the Expert Advisors tab
- Click Refresh
- The MT4 will compile the FTMO Robot and you will see it listed below

MetaTrader 5



Compile from MetaEditor

- Double-click each Expert Advisor in the Experts Folder
- MetaEditor will open
- Click on Compile
- The FTMO Robot will become visible in the Navigator

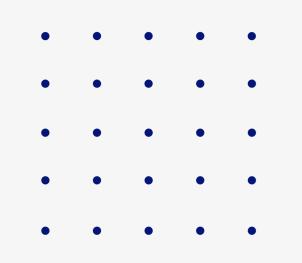
Enable AutoTrading

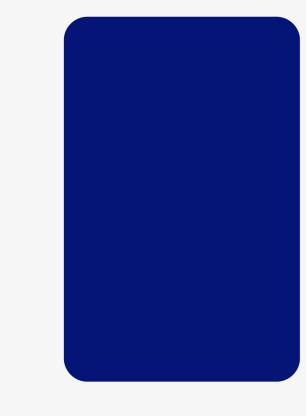
You must enable Auto Trading **before** placing the Robot over the chart.

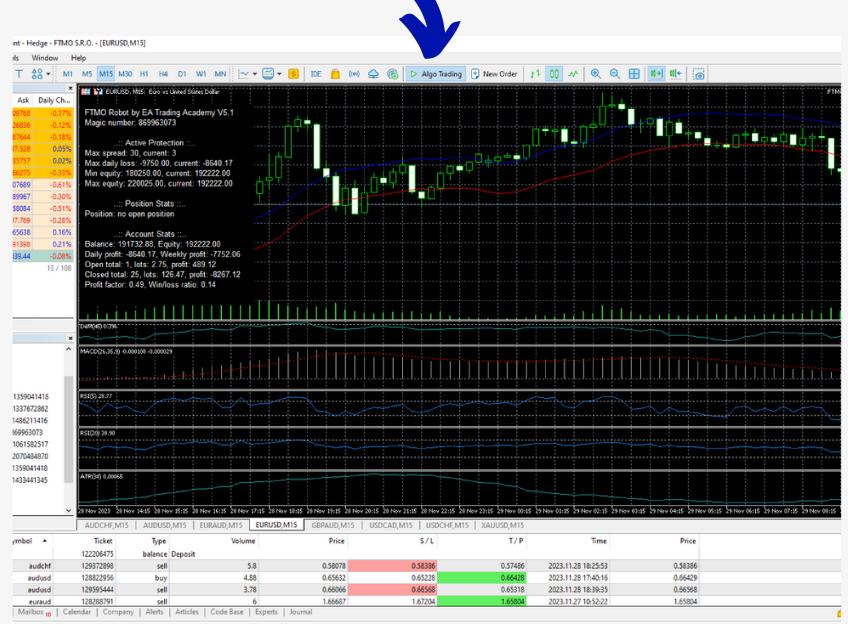
Click on the Auto Trading button to make it green

If the Robot is not opening trades, one of the most common reasons is that Auto Trading was enabled **after** the Robot was attached to the chart. It won't work this way.

If you've done this, don't worry. Simply remove the Robot from the chart, enable Auto Trading, and drag it back on.

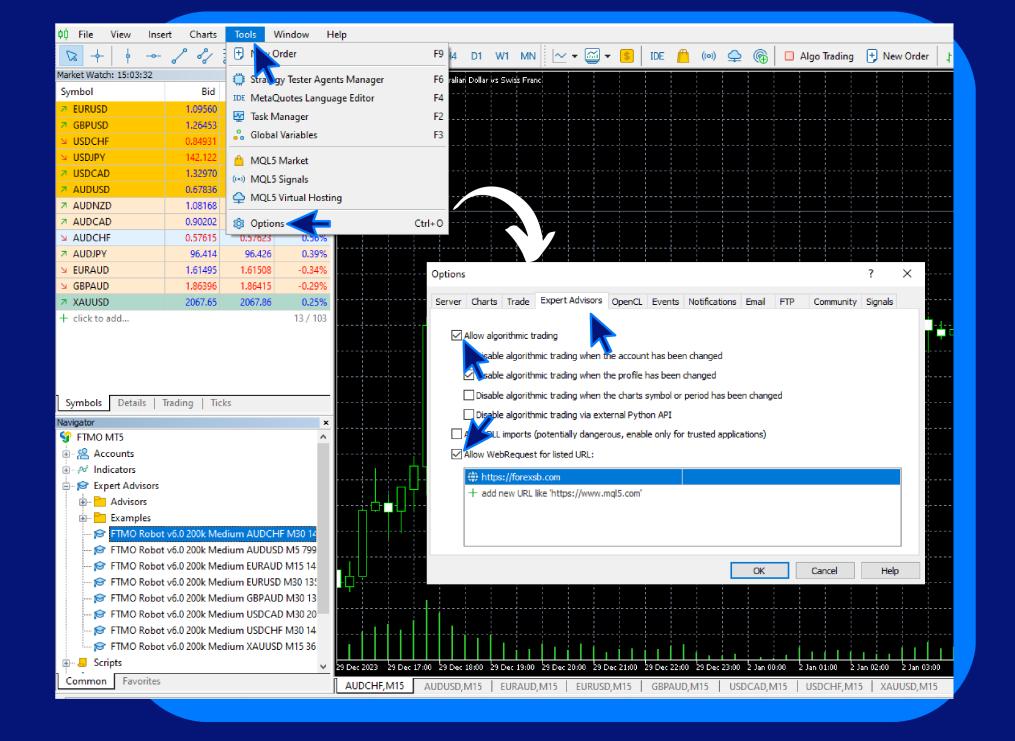






News Filter

WebRequest: https://forexsb.com



Enable WebRequest: To use the News Filter you need to click on Tools - Options - Expert Advisors. Check **Allow WebRequest for Isited URL** and add the website https://forexsb.com

New Order Space Depth Of Market EURAUI Specification Delete GBPCH Hide All ♠ CADJP\ Show All GBPJPY Symbols AUDNZ AUDCA AUDCH Spread ♠ AUDJP\ High/Low CHFJPY EURNZI Auto Arrange

One chart, one EA

Open a new chart window for each Robot

Each Expert Advisor must be placed on a separate chart window.

It is essential to place the EAs in the corresponding time frame.

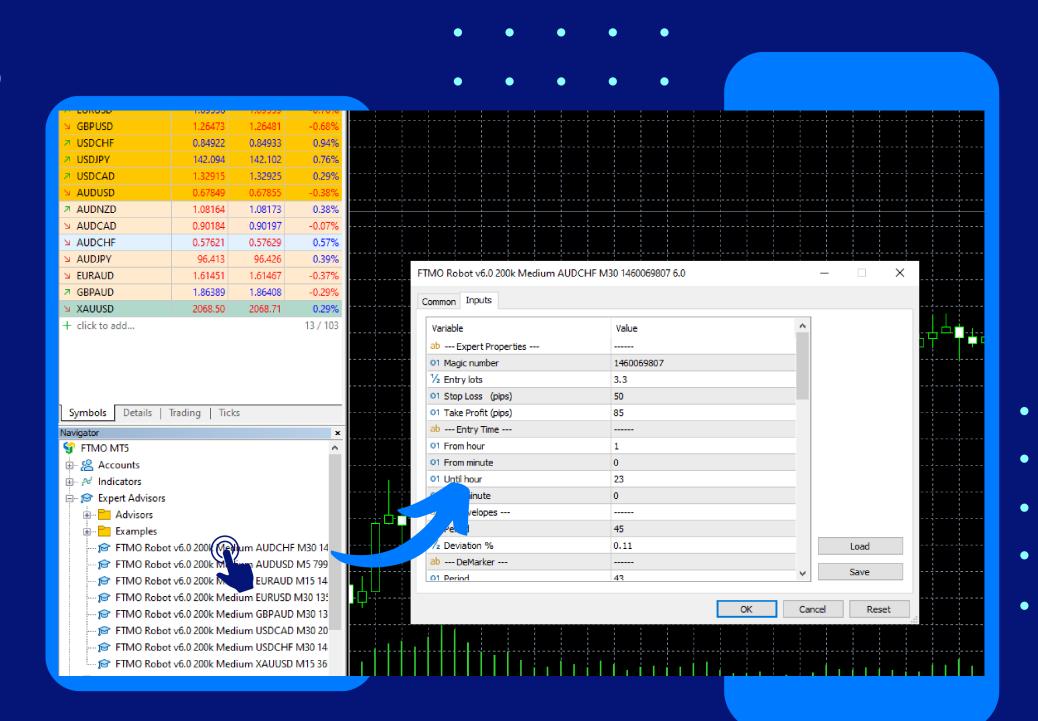
You can open a new chart by right-clicking on the symbol in the Market Watch window and selecting Chart Window.

Attach the EAs

There are two ways to attach a Robot to the chart:

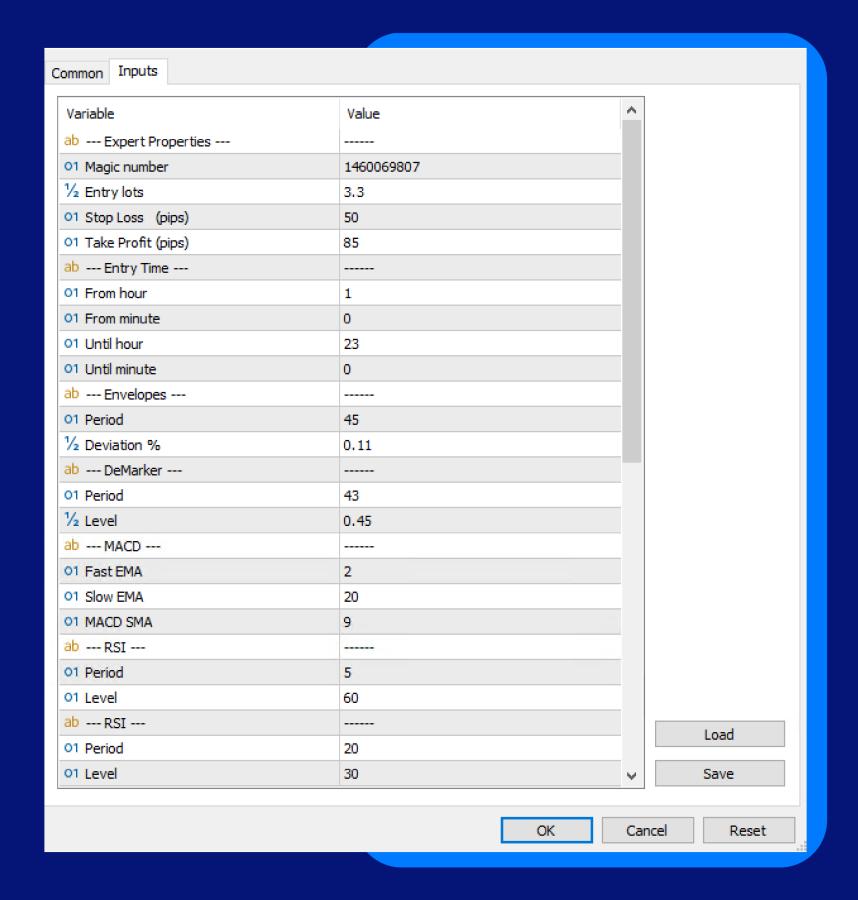
- Drag the EA onto the chart
- Double-click on the EA

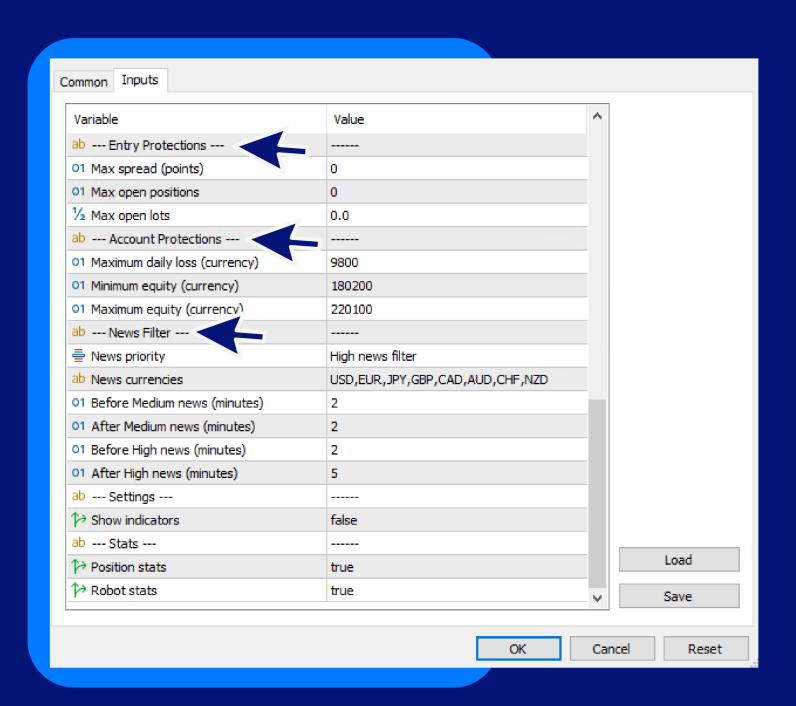
An EA window will pop up onto your chart.



The Inputs

You can modify any of the Inputs in the Prop Firm Robots





Protections

There are **Entry** and **Account** Protections.

For example, you can set the **Max Spread** to 30 points, and if the spread is above that value when the signal is received, the trade will not execute.

Account Protections will be set automatically according to the challenge size and risk you selected in the Prop Firm Robots App.

News Filter - you can decide how long to pause trading before and after news events.

WHAT EXACTLY IT IS?

Maximum daily loss

It is a total loss from midnight.

Daily loss = total profit of closed positions +
current floating profit

Daily loss % = 100 * Daily loss / Initial account
This metric is reset at midnight.

The corresponding validation criterion is Maximum daily loss %. It has a default value of 5%, which corresponds to \$500 for an initial account of \$10000.

The "Maximum daily loss %" is relative to the Initial account. That is. 5% will be \$500 for the complete backtest.

Maximum loss

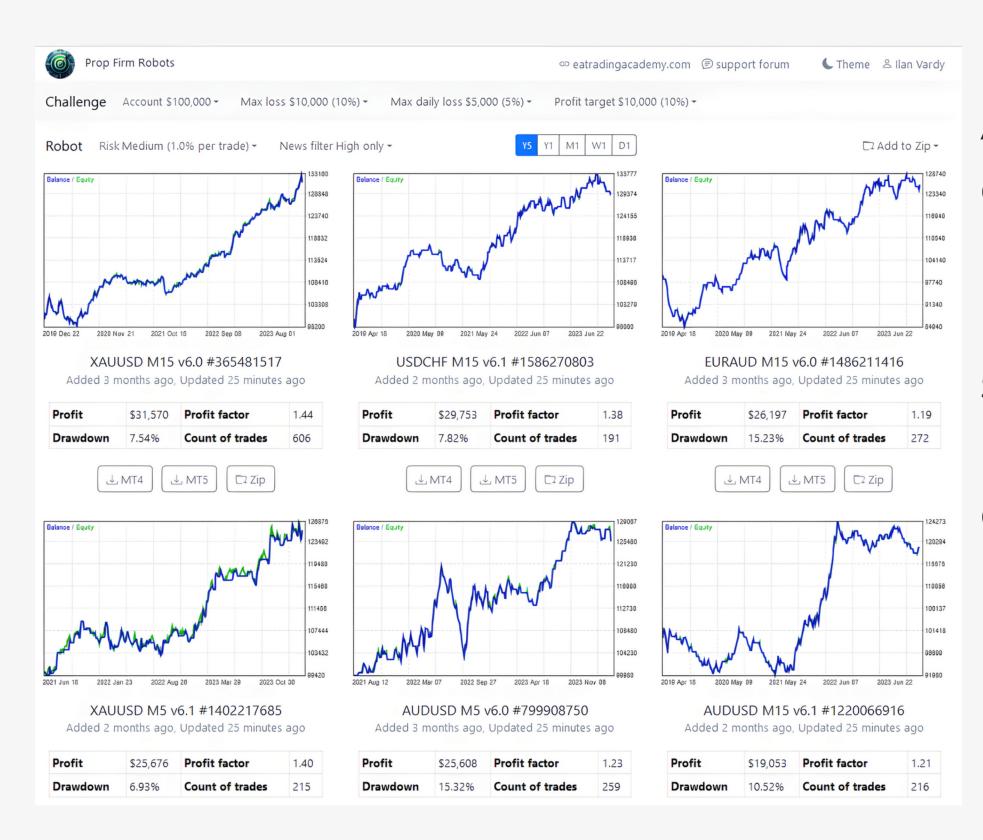
This is the maximal loss relative to the initial account. It is not a Drawdown.

The corresponding validation criterion is Maximum loss %. It has a default value of 10%, which corresponds to \$1000 for an initial account of \$10000.

Maximum loss = Initial account – Minimal equity

Maximum loss % = 100 * Maximum loss / Initial account

PROP FIRMS ROBOT App



And if you don't want to test the EAs on a Demo, the performance you see in the App is a great alternative. It represents virtual trading, so it simulates Demo trading, and the results will be exactly the same a demo.

Note: Remember that backtests and Demo testing do not guarantee future performance.

BACKTESTING THE PROP FIRM ROBOTS



THE FIRST IMPORTANT STEP IN ALGO TRADING

The 65k limitation on MT4

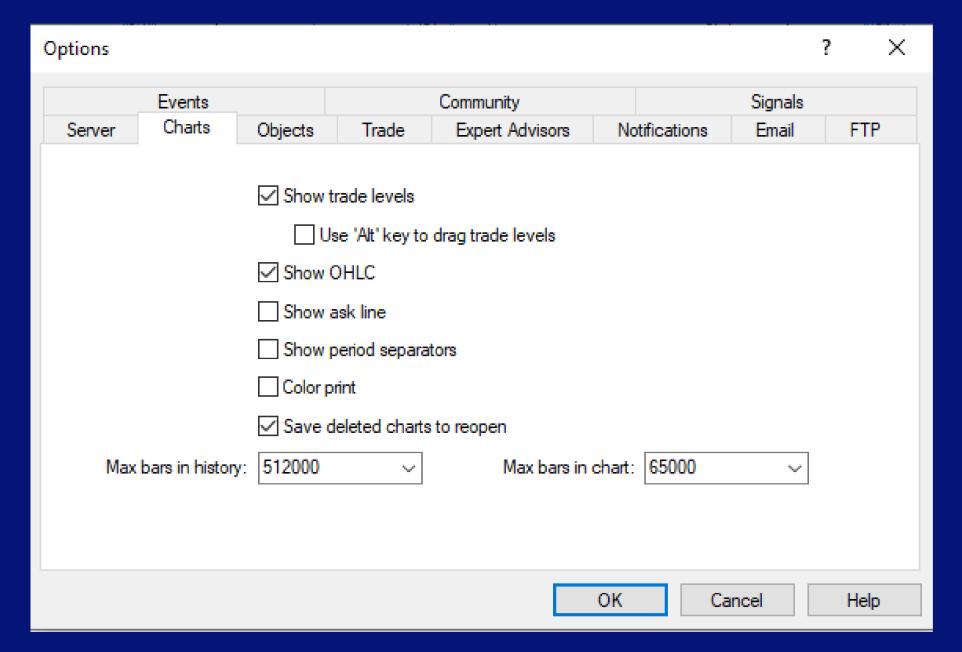
If you install the MT4 platform for the first time, you will, by default, have a 65k limitation for the bars.

Go to **Tools** — **Options** — **Charts**

Change the Max bars in history & Max bars in chart to 9999999999, and press OK.

Press the **Home key** one more time to load the bars beyond that 65k.

Repeating this process regularly for all assets, for example every month, on all time frames you trade, will ensure you load the most recent Historical data.



MetaTrader 4

No Live Spreads in the Backtest

Lack of live spreads in MetaTrader 4 does not show accurate results on the backtest. Using a fixed spread leads to misleading results.

WE WOULD SUGGEST YOU BACKTEST EAS ON MT5



MetaTrader 5

Live Spreads are available in the backtest

Backtesting the Expert Advisors with Live Spreads does not guarantee future performance but it does give you accurate past performance.



SETTING UP THE BACKTEST

Date

Custom Period- we would suggest you backtest any EAs since 01.01.2020

Entire History- you can backtest using the entire history but Prop Firms don't normally provide accurate Historical data

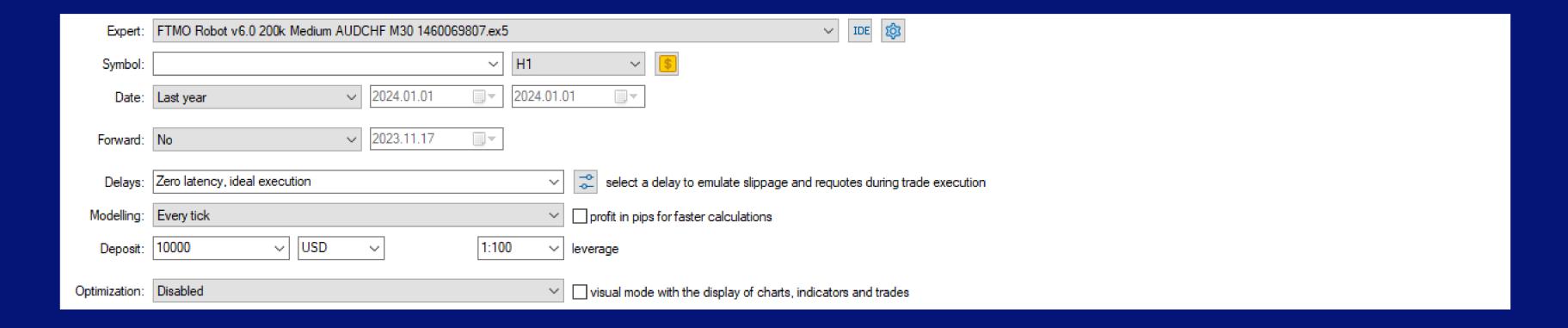
Last Year - allows you to backtest the EA since the beginning of the current year

Model

Open prices only - the Prop Firm Robots trade on the opening of a bar so using this method is accurate.

Control points - the EA opens trades during the bar (FSB Pro strategies)

Every tick - use this model only if the broker provides tick data



BACKTEST RESULTS

Unit A D	E40/				
History Quality	54%				
Bars	91168	Ticks	116963672	Symbols	1
Initial Deposit	10 000.00				
Total Net Profit	9 110.66	Balance Drawdown Absolute	317.95	Equity Drawdown Absolute	453.90
Gross Profit	44 010.83	Balance Drawdown Maximal	2 717.83 (16.16%)	Equity Drawdown Maximal	2 952.92 (17.34%)
Gross Loss	-34 900.17	Balance Drawdown Relative	16.16% (2 717.83)	Equity Drawdown Relative	17.34% (2 952.92)
Profit Factor	1.26	Expected Payoff	17.00	Margin Level	1831.21%
Recovery Factor	3.09	Sharpe Ratio	1.48	Z-Score	-0.32 (25.10%)
AHPR	1.0013 (0.13%)	LR Correlation	0.94	OnTester result	0
GHPR	1.0012 (0.12%)	LR Standard Error	759.78		
	_				
Total Trades	536	Short Trades (won %)	271 (41.70%)	Long Trades (won %)	265 (46.42%)
Total Deals	1072	Profit Trades (% of total)	236 (44.03%)	Loss Trades (% of total)	300 (55.97%)
	Largest	profit trade	799.71	loss trade	-317.79

Total Net Profit

(All Profitable Trades

minus All Unprofitable

Trades and Fees)

The results depend on the amount you trade. The bigger the lot size, the bigger the profits but also the risk.

Absolute Drawdown

The biggest lost

The Drawdown in the backtest does not guarantee that the EA will not suffer bigger losses in the future.

Total trades

Trades during the backtest

It gives an idea of how active the Robot is. You can calculate approximatelly how many trades will open on average.

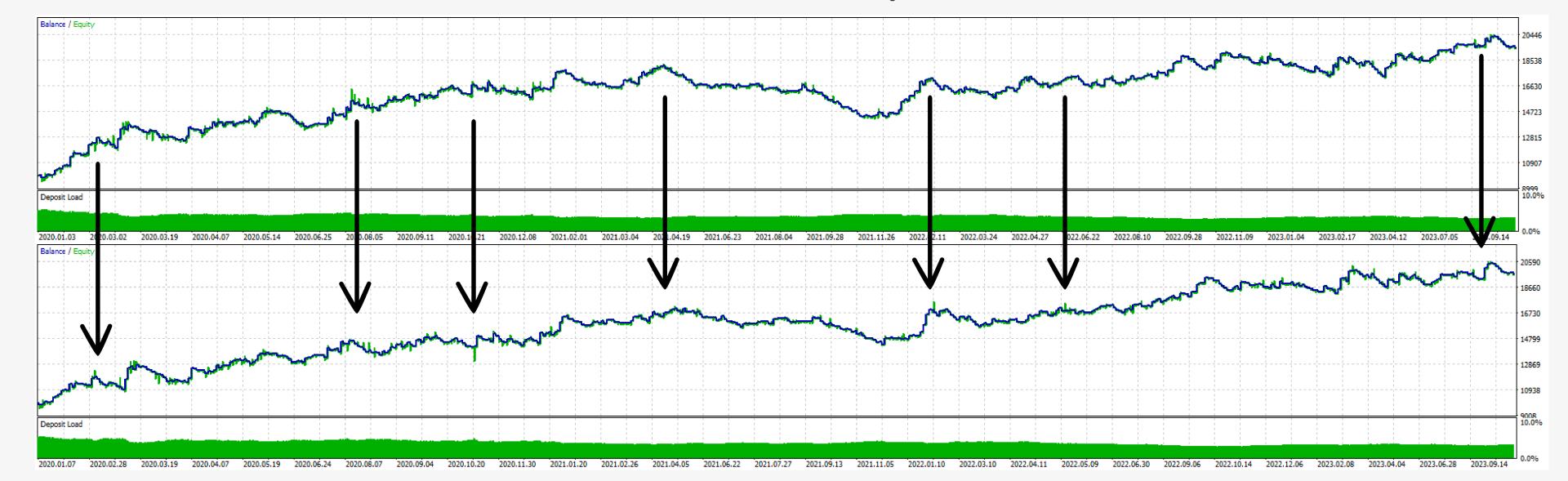
HOW TO MAKE THE ROBOT DIFFERENT

Many traders use the Prop Firm Robots, and some of you might be worried that your account will be blocked if the Prop Firm detects the same trades from different traders.

<u>Change the Magic Number</u> with a unique number and change the name of the EA on your Terminal.

<u>Increase/Decrease</u> the Envelopes Parameters, <u>MA Period</u> or <u>Deviation %</u> slightly. If you increase or decrease Deviation with 0.01, you will see different entries, exits, but similar results; the entries will be unique:

Increase/Decrease the Take Profit, Stop Loss with a few pips. The performance will remain similar, but you will have different exits.



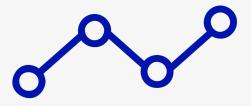
HOW TO PASS CHALLENGES?

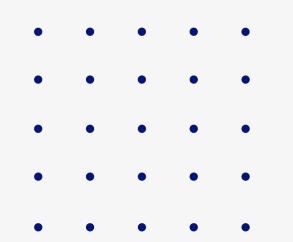
TEST THE EAS ON A TRIAL ACCOUNT AND ONLY USE THOSE THAT ARE MOST PROFITABLE CURRENTLY ON A 2ND ACCOUNT OR CHALLENGE

The system we follow is simple!

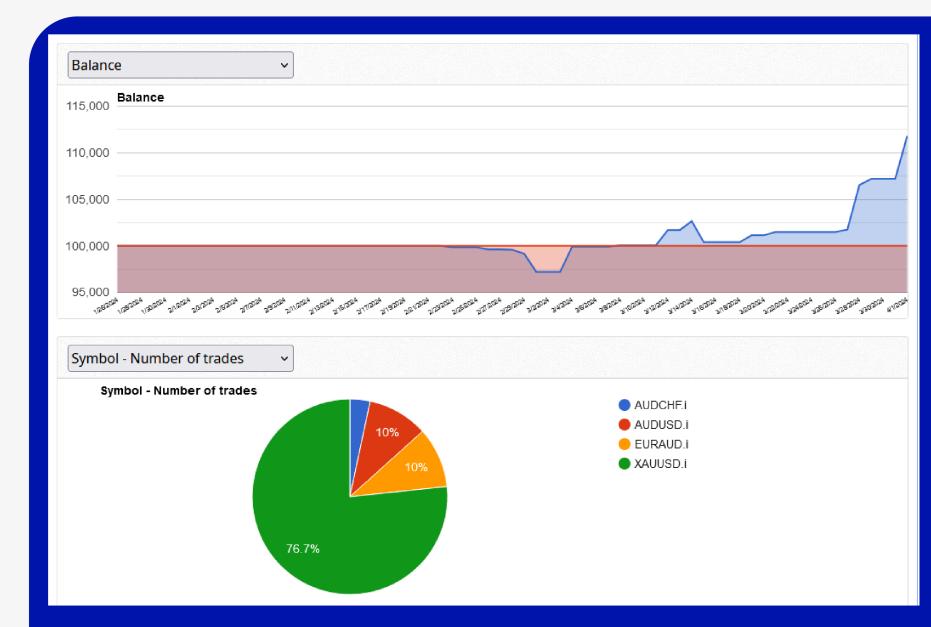
Watch <u>this video</u> to see how Petko Aleksandrov passes challenges by scaling up the lots.

On the next pages you will see the scaling plan!











10 000	EA LOTS
100 -> 200	0.3
300 → 600	0.9
900 -> 1800	2.7
(450 > 900)	(1.35)

THIS DOCUMENT SHOULD NOT BE TAKEN AS FINANCIAL ADVICE!



	100 000		EA LOTS	
1000 -> 2000		3		
3000 → 6 000		9		
9 000 -> 18 000		27		
(4500 > 9000)		(13.5)		

THIS DOCUMENT SHOULD NOT BE TAKEN AS FINANCIAL ADVICE!





EA LOTS

2000 -> 4000

6000 → 12 000

18 000 > 36 000

 $(9\ 000 \rightarrow 18\ 000)$

6

54(50+4)

18

(27)

WHAT OUR STUDENTS SAY ABOUT EA TRADING ACADEMY:

Pro Trading Strategies + 5 EAs



Keagan F.

Very informative and easy to understand. Allows anyone to start trading with a useful arsenal of skills and the documents and strategies provided. Great course! however, i would recommend that you have some basic knowledge on the forex trading before starting.



Joe T.

Another excellent by Petko. Petko's courses are always very informative, very well structured and easy to understand. I thoroughly enjoyed this course.

Gold Trading Strategy for beginners

FTMO Course



Frederic P.

Simple but effective M1 scalping strategy, good tool indicator and management ideas... Really easy to understand and use! Petko did it again, thumbs up!



Florian B.

Best course on the internet EVER, high quality



Vadim L.

This comprehensive FTMO challenge training stands out for its easy-to-understand content, a unique blend of manual trading and automation strategies, and ready-to-use money management approaches. The course is accessible to traders of all levels, providing valuable insights into FTMO rules and objectives, as well as practical risk management techniques. A game-changer for aspiring traders, this training is highly recommended for anyone looking to pass the FTMO challenge and advance their trading career.