

v4.50

Thank you for choosing our product



GyNera

Precision, Analysis, and Risk Management for
Optimal Gold Trading

Powered by AI

Manual




What's new in v4.40


AI Settings

Trade Direction

Fixed issue with parallel Instances of the EA on same VPS

Now the Analysis should be always same if you run multiply CyNera Eas on same
VPS





This manual has been specially developed to guide you step by step through the functions and options of your new Expert Advisor CyNera. You can also find here different approaches and trading strategies.

Please read this manual carefully and thoroughly before using the software in your live account. We recommend that you test the EA on a demo account to familiarize yourself with the extensive functions.

Our software is used by each user's own risk! During the use of the software, program malfunctions could arise which cause direct and/or indirect damages, losses. The creator of CyNera assumes no responsibility to above mentioned damages! Before using the software on live account, we recommend that you familiarize yourself with the use of the software on demo account(s)

For questions and further information do not hesitate to contact us!




Table of contents

01

INTRODUCTION

- Target Group
- Feedback
- Why CyNera

02

PREPARATIONS

- Download & Install
- Setup Webrequest
- Apply to the Chart
- MQL VPS

03

DESCRIPTION OF THE EA

- General
- Layout
- Functions
- Parameters

04

PARAMETERS

- AI
- Settings
- Money Management
- Trading
- PropFirm
- Recovery
- News-Filter

05

STRATEGY

- ESN
- ATN
- GANs
- FSDMC
- MTA
- DTFA

06

IMPORTANT NOTES

- Backtest results
- Timeline

07

DEVELOPERS

- Team



Introduction

Target Group

The content of this user guide is intended for professional and new, inexperienced traders. These persons should have at least basic knowledge of the MetaTrader 4 / 5 platform.

Stay up to date

You can join our Telegram channel to stay up to date with further updates and news.

Feedback

Please send any comments, recommendations or suggestions regarding this user manual and the EA to:



[Private Message on MQL](#)


[Join our Telegram Channel](#)



Why Choose CyNera?

CyNera is not just a trading tool, but a trusted partner in gold trading. By integrating cutting-edge analysis and proven strategies, it offers precision and long-term capital protection. Take the next step in your trading journey with CyNera and unlock new levels of efficiency in gold trading.

It combines adaptive strategies like multi-timeframe analysis and automatic trading adjustments, making it reliable for the gold market's unique challenges and opportunities

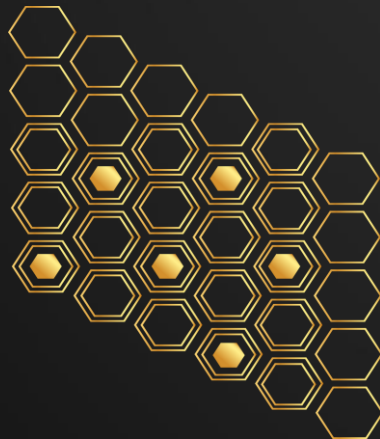


Tailored for the Gold Market

CyNera is specifically optimized for XAUUSD (Gold), with an M30 timeframe and a recommended minimum deposit of \$100. It adapts seamlessly to different broker settings, offering flexibility across various trading environments.

It is preferable to run the EA on a VPS so that it works 24/7.

XAUUSD
M30 only
min 100 \$
Any Broker
Any Account
VPS





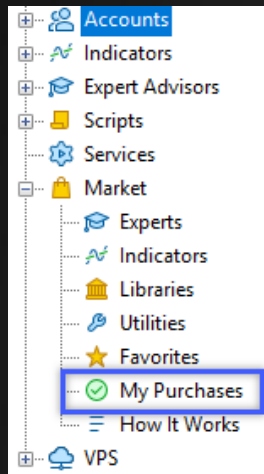
02

Preparations

Download and Install

After purchase, the EA must be installed.
To do this, open Metatrader and navigate to “Purchases”.
Once opened, find CyNera and press INSTALL.

CTRL+N → Purchases



Setup Webrequest

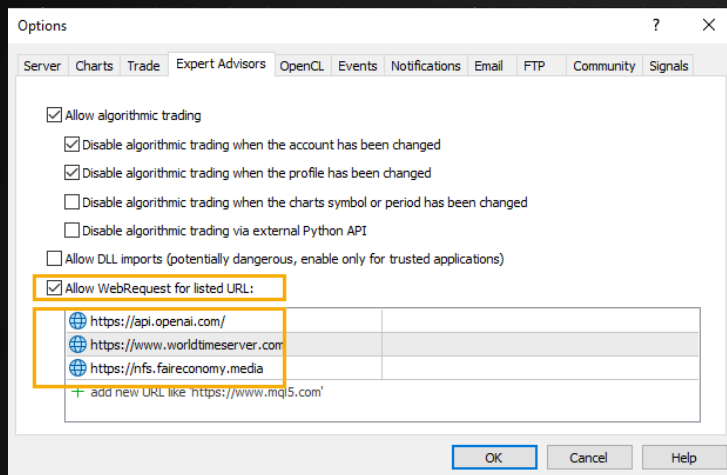
Before placing on the chart, two URLs must be added to the Metatrader web request and activated:

<https://www.worldtimeserver.com>

<https://nfs.faireconomy.media>

<https://api.openai.com/>

Tools → Options → Expert Advisor

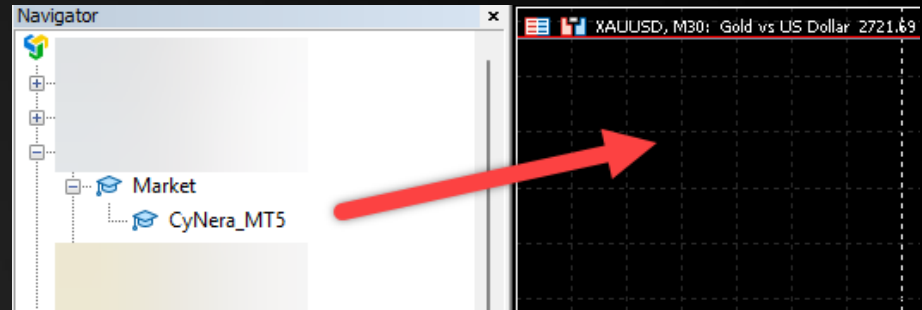


APPLY TO THE CHART

Quick Start

You will find the purchased software in the "Market" folder. To apply this, you must first open the Programm (press Ctrl + N), then double click on the "Market" folder and drag the EA CyNera to the chart by drag and drop or simply double click on the EA.

Now the settings of the EA are opened, enable "Allow Algo Trading" and confirm them with "OK" for now. The EA then appears on the chart.



This Status means that all is running perfectly.
Steup done!

MQL VPS


Synchronize with MQL VPS

The previous steps were to install, place the EA on the chart and get it running.

If you are using a “normal” VPS, then you no longer need this next step.

But if you use the MQL VPS to synchronize, please note the following:

If you have set up the EA and then synchronized it with MQL VPS, automatic trading will be disabled on your platform to avoid duplicate trades (since the EA is already running on MQL VPS). Therefore, an error message “Please activate Autotrading!” appears in the EA.



ERROR - Please activate AutoTrading!

However, you can ignore this, as the EA is already running on MQL VPS.

If you want to adjust the EA again (change settings) and then synchronize it with MQL VPS again, the EA must **not show any errors before synchronization**.



03


Description of the EA



General

CyNera is not just an automatic trading tool but a trusted partner in gold trading. Whether you are experienced or new to algorithmic trading, CyNera offers a tailored, flexible solution that combines precision with long-term capital protection. By integrating and combining different strategies, CyNera ensures you can seize profitable opportunities while navigating the complexities of the gold market.

Take the next step in your trading journey by incorporating CyNera into your portfolio and unlock a new level of precision, security, and efficiency in gold trading.



Layout

EA Performance

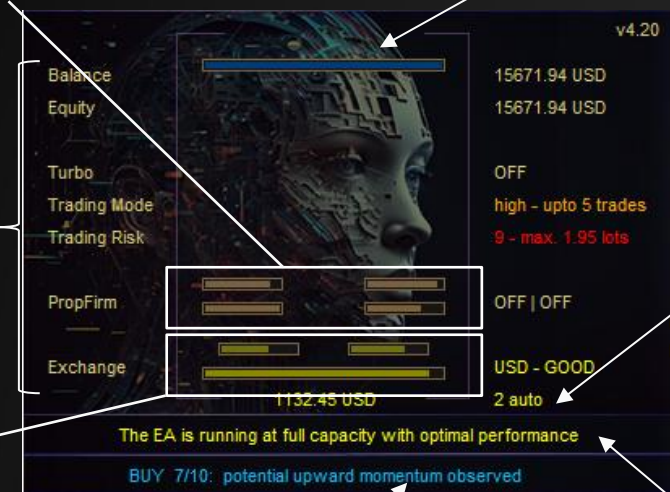
displays the general performance of the EA

Parameters

displays the important EA parameters here in the menu for an overview.

Trade performance

the brighter and larger the lines, the more likely it is that an mTrade will occur



AI Analysis

this status means all is running well
If the status appears in red, there is a configuration error

EA Trend

Reddish - Down Trend (sell)

Bluer - Up trend (buy)

This value is also used to determine the direction of the next trades (buy or sell)

This way you can know in advance which direction a trade will take if it occurs.
If it is the wrong direction for you, you can temporarily switch off the EA until it changes direction

GMT Time

This value is important for the trade session. If it shows something wrong, please compare the time in Metatrader with the UTC time and enter the difference in hours in the "GMT Offset" parameter

EA Status

this status means all is running well
If the status appears in red, there is a configuration error

Functions



No Grid



No Martingale



No Holding



PROPFirm



All known Broker



Live Signal



04

Parameters



AI

Use AI

This setting switches the AI help on or off. This also allows you to test the AI in the Strategy Tester, but only from the date on which the AI was introduced.

AI Direction

This setting is relevant for the AI analysis. Either the AI makes an analysis where it says either BUY or SELL. Or it makes an analysis where it says BUY, SELL or no trade at all. This is more accurate because if the market hardly moves and is unpredictable, it is sometimes better to wait and not trade.

AI TP & SL

The TP and SL are set by the AI after it has performed the analysis. This may be better as the market is always different and sometimes it is not necessary to have a high SL.

AI Precision lower

This figure is used to determine when the analysis of AI has a “value” for the EA.
For example, if the analysis of the AI is “SELL 5/10...” and this parameter is set to 6, the analysis has no value for the EA and it only trades according to strategy.

AI Precision lower + higher meaning

These two parameters are responsible for the fine adjustment of the AI.
If the value of the AI analysis is less than or equal to “AI Precision lower”, the analysis is not taken into account at all and EA trades itself. If the value of the AI analysis is greater than or equal to “AI Precision lower” but less than “AI Precision higher”, no trade is executed at all because the analysis is too “imprecise”. If the value of the AI analysis is greater than or equal to AI Precision high, the trade is executed by the AI because the analysis is perceived as “very precise”.

Examples:

AI analysis: SELL 7/10

AI Precision lower Value: 6

AI Precision higher Value: 8

Result: no trade

AI analysis: BUY 7/10

AI Precision lower Value: 7

AI Precision higher Value: 7

Result: BUY (Trade by AI)

AI analysis: BUY 8/10

AI Precision lower Value: 6

AI Precision higher Value: 8

Result: BUY (Trade by AI)

AI analysis: SELL 8/10

AI Precision lower Value: 6

AI Precision higher Value: 9

Result: no trade

AI Precision higher

This number is used to determine the value of the analysis of the AI for the AI.
For example, if the analysis of the AI is “BUY 8/10...” and the parameter is set to 8, the AI will trade and not the EA. This results in a BUY trade.

AI Settings

AI Precision

Activate the setting to empower AI to seamlessly detect emerging trends.

If the switch is set to OFF, the AI is completely disabled.

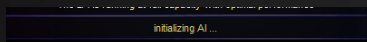
The precision of the analysis is displayed, measured on a scale from 1 to 10, with 10 representing the highest value with the highest accuracy and probability.



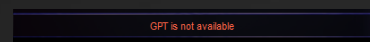
You can use the “AI precision” parameter slider to determine the value above which the AI analysis may be included in the trades.

For example, if the slider is set to 7, only analyses with a precision of at least 7 may be included in the trades. This means that if one of the EA's strategies wants to make a BUY trade, but the AI says SELL and the precision of the forecast is at least 7, a SELL trade will be executed instead of a BUY trade.

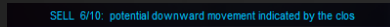
Before each analysis, the AI is initiated in order to make a prediction that is as precise as possible. This step does not take up to one hour.



If something is wrong with the AI, the status turns red and an error message appears. You should check whether all URLs are available (see [Setup Webrequest](#)) or whether the latest version of the EA is installed.



The standard analysis is carried out several times a day. And before each trade, a deeper analysis is carried out to confirm the trade.



AI Decision

This parameter determines whether the AI's decision is interpreted as a trade or as no trade in general. This means that if AI makes a SELL analysis with a precision of 8 and it is greater than set in the parameters (so AI makes the trade in any case), but the EA wants to execute a BUY order, AI will execute a SELL order as normal with the “Trade” setting and if the setting is set to “Skip”, no order will be executed because the decisions of AI and EA do not match.

Settings

Trading Mode

This parameter determines the maximum number of trades that should be executed. This is also displayed in the EA menu. The higher the value, the more trades can be executed. Trades can also be executed simultaneously. The drawdown can also be influenced by this.

EA Menu Font size

This setting affects the font size in the EA menu. If the font in the menu overlaps, you can reduce this value until the font is displayed appropriately.

Turbo Mode

This generates more trades, especially if the trend does not change. For example, as soon as the EA detects a new trend, trades are executed. If this trend continues over several days, it is rather unlikely that the EA will execute further trades, as the trend may change quickly. But with Turbo Mode on, the EA analyzes a little differently and can execute further trades in the existing trend.

Magic Number

This is the unique number of the EA, which is used for the trades. This magic number can be up to +9 of your value (depends on the trading mode). For example, if this number is 111111, then some trades can have a maximum of 111120. If you use other EAs together with CyNera on the same account, please make sure that the magic numbers of the other EAs do not match CyNera, they must be different.

Draw EA Menu

This setting is used to show or hide the EA menu. However, I recommend leaving this setting on so that you have an overview of the current status of the EA. Only with Visual Test in the Strategy Tester, you can turn this function off to achieve a faster test.

Comment

This comment is used for each trade and only serves as information as to which EA this trade originates from.

Draw EA Strategy

This setting is used to show or not show the strategy on the chart (the rectangles). It has no effect on the strategy itself and on the trades if you do not show the strategy.

Money Management

Risk

The risk increases the lot size and therefore the profit/loss. It is better not to risk too much and to leave the value at 3-6 for “normal” risk, and 1-3 for low risk.

Account has diff. Currency as USD?

This setting influences the capital from which the lot size is calculated. It is necessary if the trading account has a currency other than USD. E.g. JPY, then this setting should be set to true and the value of JPY to 1 USD should be entered under “Currency Exchange Rate”.

This setting is not required for currencies that have approximately the same value as the USD, such as EUR, AUD, GBP etc..

Manual Lotsize

The manual lot size is used if you set the “Risk” to “OFF”. The lot size is then taken from this value and used for the next trades.

Currency Exchange rate

If you use the setting “Account has different Currency as USD?”, enter the value of your currency as 1 USD here.

Trading

Trade Direction

This parameter is used to determine which trades should be executed. Regardless of which trades AI wants to execute, only those that are set here will be executed. For example, if only “Buy” is set here, then only trades that are set as Buy by the AI or EA are executed, all SELL trades are ignored and vice versa.

Use Trailing

If desired, you can activate trailing with this setting. This allows you to “secure” a part of the profit and the stop loss will follow more and more in order to maximize your profit. However, it is worth using a broker with a very low spread and carrying out extensive tests to ensure that this function works properly.

Take Profit

The value for the take profit must be entered here. It is advisable to use the default settings unless you have tested extensively and are sure that your value is better. This value will be used for every further trade.

Trailing Start

This determines when trailing should be started. If, for example, “25” is entered, then trailing starts as soon as the trade reaches 25 pips and pulls its stop loss to the level entered in “Trailing Step”. Thus “a part” of the profit is secured.

Stop Loss

Enter the value for the stop loss here. It is advisable to use the default settings unless you have tested extensively and are sure that your value is better. This value will be used for every further trade.

Trailing Step

This setting causes the stop loss to be moved as soon as the trailing is triggered with “Trailing Start”. For example, if the value “5” is stored there, the stop loss is moved to 5 pips behind the trailing start after triggering. This means that if Start is 25 pips and Step is 5 pips, then you have already secured 20 pips (25-5). If the price does not fall, but continues to rise, the stop loss is moved forward every 5 pips to secure more profit. But be careful: with price fluctuations, too small a step can be triggered too quickly, so not too much profit is secured.

PropFirm

Use Daily Start/End Time

If your account has a limited time for executing trades, you can activate this setting.

Daily Start Time & Daily End Time

If your account has a limited time for executing trades, you can set the start and end of the trading day. No trades will be executed outside this time.

Use Separate Balance

If you do not wish to trade with the full capital, you can activate this setting.

Separate Balance

If you do not wish to trade with the full capital, you can enter the capital to be used here. The lot size is also calculated from this capital (if risk is activated). You can therefore also minimize the risk by entering a smaller capital here.

Use max. Drawdown

If you do not want to reach a daily maximum drawdown, activate this setting.

Daily max. Drawdown %

If you do not want to reach a daily maximum drawdown, enter the maximum permitted drawdown in % of the EA here.
If this value is reached, all open positions of the EA will be closed and no more trading will take place on that day.

Use only one Position

If you only want to have one simultaneous trade, activate this setting. This prevents several trades from running at the same time.

Trade on Friday

If this setting is deactivated, the EA will no longer execute any trades on Friday.

Show SL/TP

If you want to prevent the take profit and stop loss from being set for every trade, deactivate this setting.
The EA will then close the positions automatically as soon as you reach the “virtual” (not visible to brokers) TP and SL.

Close Open Positions

If you want to close open positions at the end of the selected day, select the day here.

Close Time

The time at which open positions are closed at the end of the selected day (from the “Close open positions” setting) is set here.

Recovery

Use Recovery

If you want to use the recovery function, activate this setting. Recovery can lead to higher drawdowns and possible higher losses.

This feature influences the lot size of the next trades after a losing trade.

However, the strategy used by the EA to execute the trades is not affected by the recovery feature.

Recovery Multiplier

This setting determines how large the lot size is for the next trades after the losing trade.

For example, if the losing trade has a lot size of 0.05 and this setting has the value “2.2”, the next trades will be executed with a lot size of 0.11 (0.05×2.2). To speed up the recovery.

Recovery Trades

This setting determines how many trades there will be with increased lot size after the losing trade.

For example, if the value of the setting is “3”, then after the losing trade, the next 3 trades will be executed with increased lot size (recovery multiplier).

News-Filter

NewsFilter

If you do not want the EA to trade during the news, activate this setting.

This prevents the EA from executing any trades 1 hour before the news until 1 hour after the news.

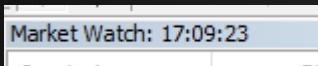
However, this can also result in the EA producing fewer trades per week. On the positive side, however, there is no sudden loss during the news, as some news have a strong influence on the market.

Impact

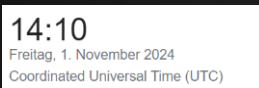
This setting determines that only news with the set importance are taken into account.

Get right GMT Offset

This is not a setting, but a procedure to make sure which GMT offset you have. In Metatrader, press CTRL+M to see the time of your broker:



Now you can determine the UTC time, just open google and enter “UTC Time” in the search bar:



Now subtract the hours from Metatrader time and UTC time, in my case $17 - 14 = 3$.

This means that if the automatic GMT offset does not work, enter the value you have calculated in this setting, in my case 3. It is also possible that it is 0; this must also be entered.

GMT Offset


This setting is important because the EA has strategies that trade at a certain time during the day.

If the value is set to 999, the offset is automatically determined by the URL that you enter in MT Webrequest during installation. However, if there are problems with this and the value is not correct, please enter the correct number here.



Information

CyNera uses advanced trading strategies without employing risky methods like Grid, Martingale, or Hedging. This ensures a safer and more controlled approach to trading. CyNera is compatible with Prop Firms and supports all major brokers, providing flexibility for various trading environments. Additionally, users have access to a live signal feature, offering real-time insights into the market's movements for more informed trading decisions.





05

Combining Strategy

The Core of CyNera's Power

CyNera evolves dynamically through performance-based learning, optimizing both risk management and trade execution.

Furthermore, the following strategies play a significant role in determining which and when decision is made by CyNera.






Echo State Networks

(ESNs) are a type of recurrent neural network designed for processing time-series data. They use a large, randomly connected reservoir of neurons to capture and analyze patterns in the data, making them highly effective for tasks like prediction and pattern recognition in dynamic systems

Advanced Transformer Networks for Market Analysis

Advanced Transformer Networks for Market Analysis use deep learning models, particularly transformers, to analyze vast amounts of financial data and identify patterns in the market. These networks excel at processing time-series data and making more accurate predictions for market trends and investment opportunities






Generative Adversarial Networks (GANs) for Risk Scenarios

Generative Adversarial Networks (GANs) for Risk Scenarios use two neural networks—one to generate realistic risk scenarios and another to evaluate them—working together to improve accuracy. This technique helps in simulating and analyzing potential risks, offering deeper insights for decision-making in areas like finance or insurance.

Flexible Strategies for Diverse Market Conditions


Flexible strategies for diverse market conditions involve adapting business approaches to fit changing market environments, ensuring resilience and effectiveness. These strategies help companies quickly respond to shifts in demand, competition, or economic factors, maintaining stability and growth in various scenarios.





Multi-Timeframe Analysis for Comprehensive Market Insight

Multi-Timeframe Analysis for Comprehensive Market Insight involves examining market data across different time periods, such as short-term, medium-term, and long-term, to gain a more complete understanding of trends and patterns. This approach helps investors and analysts make better decisions by identifying both immediate opportunities and long-term market behaviors.





Dynamic Trading Frequency Adjustment

Dynamic Trading Frequency Adjustment involves altering the frequency of trades based on market conditions, optimizing the timing of buy and sell decisions. This strategy allows traders to be more responsive to market volatility, maximizing profits while managing risks more effectively.

Intelligent Risk Management

Intelligent Risk Management involves using advanced technologies, such as data analytics, to identify, assess, and mitigate potential risks in real-time. This approach enhances decision-making by providing more accurate insights, helping businesses to minimize losses and respond proactively to emerging threats.

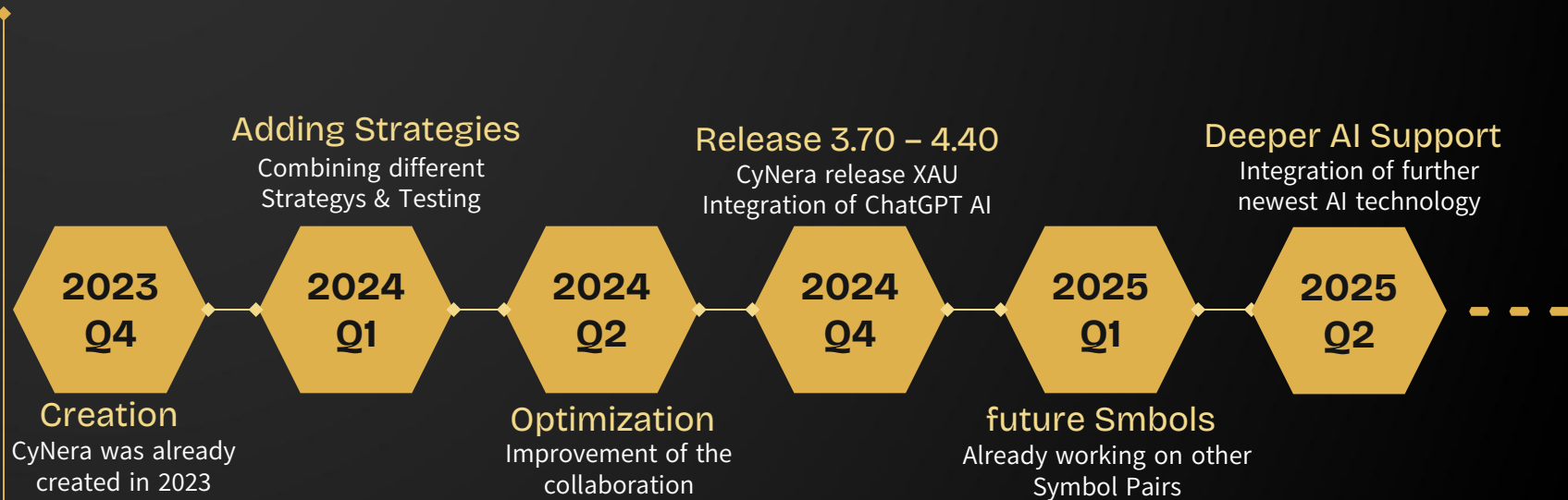


06

Important Notes



Timeline





User-Friendly and Customizable

CyNera's default settings are optimized for ease of use, making it accessible to beginners. Experienced traders can fine-tune settings like trading frequency and risk levels to suit their preferences.



Proven Performance Through Extensive Testing

With over a decade of backtesting, CyNera has proven its robustness and profitability even in challenging market conditions. It has demonstrated consistent growth and controlled drawdowns across different broker data feeds.



Backtest

TickData Suite – 99.9% Tick-Quality Stress-Test

Year	Risk	Mode	Profit
2020-2024	9	AGGR	\$42 Billion
2020-2024	5	Mid	\$13 Billion
2020-2024	5	AGGR	\$21 Billion
2005-2024	10	AGGR	<u>\$158 Billion</u>



158 billion



07

Developers

Our Team around the World

This success was made possible through the support of our global team



Thanks!

Do you have any questions?



[Private Message on MQL](#)

[Join our Telegram Channel](#)
