



# EVOAI



WHITEPAPER 2.0



# EVOAI

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# ABSTRACT

EVOAI is a revolutionary new trading platform that combines traditional trading methods with early stage artificial intelligence based on machine learning.

EVOAI will enable users of all experience levels to participate in investment pools that offer passive income returns, as well as granting expert users more control with advanced trading tools inspired by traditional financial platforms.

EVOLUTION OF ARTIFICIAL INTELLIGENCE



# INTRODUCTION I

Throughout history there have been many paradigm shifts in technology that have revolutionized human existence, from the printing press to the telephone, from the adoption of personal computers in our homes to smart phones in our pockets. When each of these events occurred, a whole new generation of software and automation empowered users to do things that were literally impossible before.

EVOAI is the next generation trading engine that will empower users of all experience levels, from beginners to professionals, to earn income from the blockchain. The platform will do this by offering users the opportunity to participate in a multitude of trading systems, from passive-income automated arbitrage pools for beginners to AI powered signals and advanced manual trading bots for professionals. EVOAI is the front-runner in the democratization of the blockchain.

# INTRODUCTION II

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In just a few years the cryptocurrency market has already been through multiple booms and busts, with Bitcoin itself seeing 13 major corrections or crashes. Some coins have increased in value by multiples of thousands only to see values suffer drastic falls. At this stage cryptocurrency is similar to the gold rush days of the Wild West of the 1800s America. At the top of the crashes there have been some platforms that have either 'gone bust' or 'scammed out.' The most famous case was BitConnect, which at its peak has a market cap of \$2.7bn in early January 2018, and within two weeks had shed 95% of its value and ceased its previous operations after officials alleged it was a Ponzi scheme.

The EVOAI TEAM's mission from the very outset was that this platform would not operate that way; we would learn from the past mistakes of the failed platforms. Therefore, EVOAI follows best practices of the crypto industry by providing full transparency into its operations, leveraging the blockchain so that anyone and everyone can view its transactions. Furthermore, the EVOAI platform places its users in direct control of their funds at all times. There are no minimum lock-in periods for user funds and all platform transactions are fully automated and secure using Ethereum smart contracts.





# COMPARISON TABLE

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	Lending Platform	Copyfund	Traditional Fund	EVO AI
Initial Investment	\$50	\$5000	\$500	1ETH (\$230*)
Lock-up Period	30, 60 or 90 days	any	1-5 years	none
Daily Returns	1%-2%	up to 0.08%	0.0085%	0.5%-1%**
Monthly Returns	up to 60%	up to 2.2%	0.25%	15%-30%*
Sustainability	NO	YES 10% stop-loss	YES	YES
Risk Level	very high	medium	very low	low***
Manual Tools	NO	NO	NO	YES
24/7 Support	NO	NO	NO	YES
Tutorial Academy	NO	NO	NO	YES
Overall Rating	Poor	Average	Poor	Very Good

\*estimated based on ETH/USD rate on October 2018

\*\*estimated returns via airdrop

\*\*\*there is always an inherent risk when dealing with cryptocurrency assets

The EVOAI ecosystem is comprised of multiple specialized interconnected systems working together to identify, report, analyze and execute various trades across the cryptocurrency exchanges.

## Trading Engine

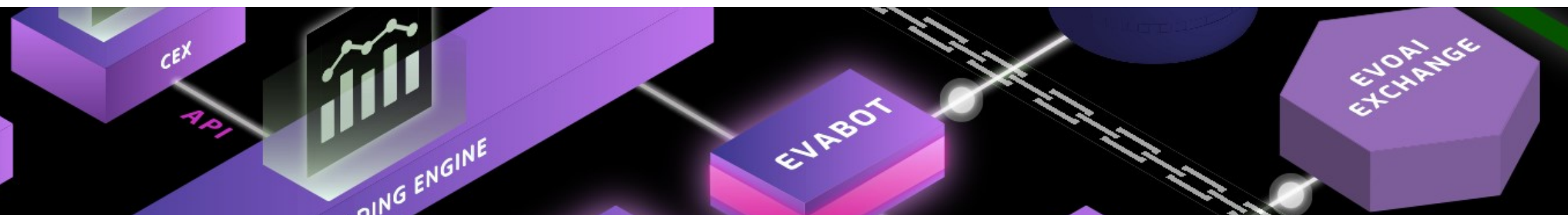
The work horse of the system is the trading engine which aggregates data discovery from across the network of associated external cryptocurrency exchanges and connects that data to the EVOAI system, making instantaneous cross-exchange trades possible. The system stores all up-to-date exchange-related data such as trading fees, withdrawal options and withdrawal fees resulting in timely and accurate profit calculations. Separating the trading engine from the trading bots allows one core system to make all exchange API requests and makes the bots as lightweight and agile as possible for optimal performance.

## Trading Bots

The bots are responsible for executing the trades via a coordinated network of API calls from the trading engine. EVOAI is comprised of three proposed bots – an automated arbitrage bot (EVABOT), a manual trading bot (EVOBOT), and a machine learning AI powered trading bot (EVEBOT). The trade logs of the EVOAI bots is recorded on the blockchain for ultimate transparency.

## User Dashboard

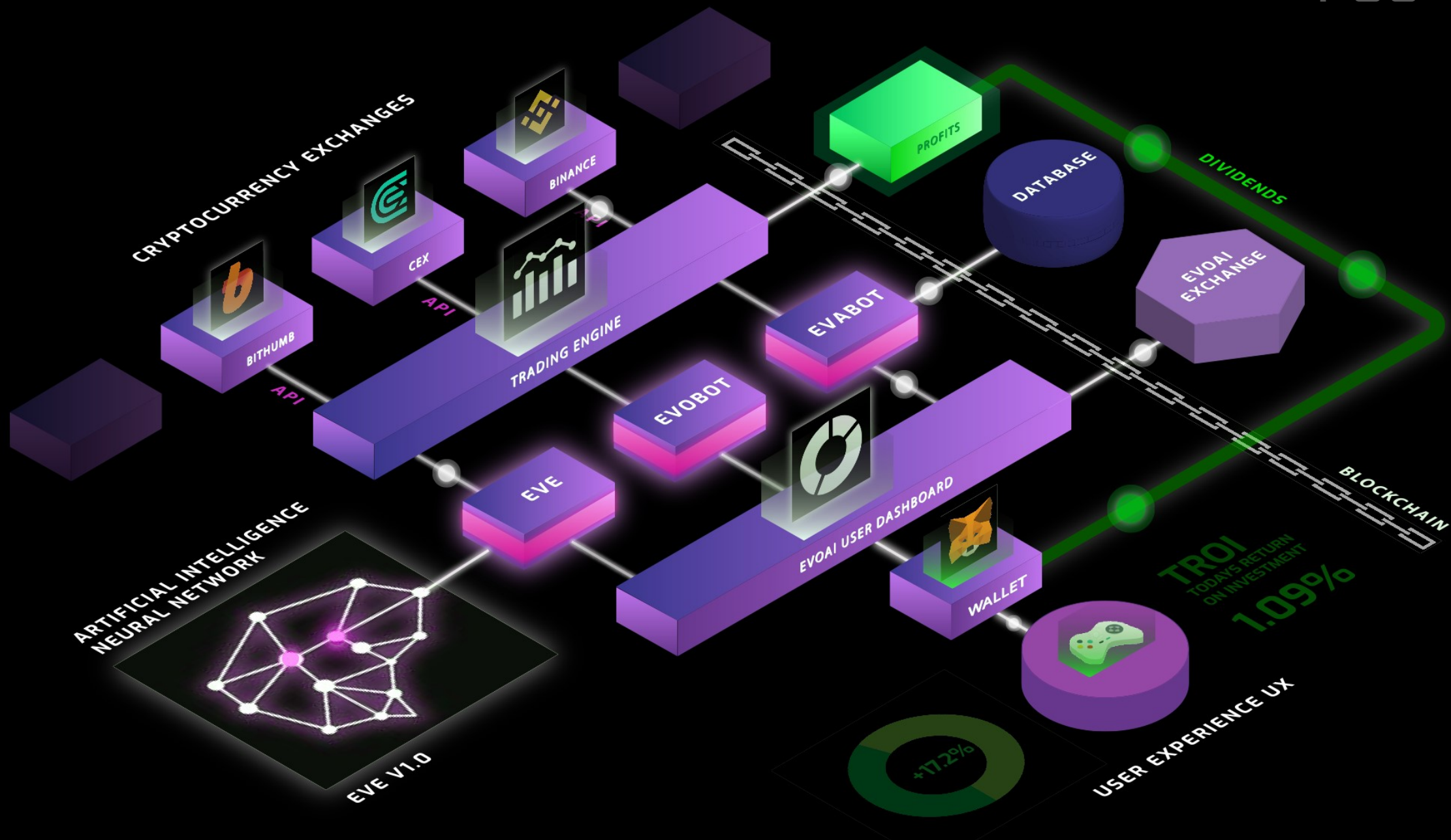
The dashboard allows users to connect via their MetaMask wallets and perform various actions. Users can interact with the bots using the native EVOT token to participate in funding pools or to gain access to sophisticated manual trading bots. The EVOT token is available for purchase or sale in the internal EVOAI exchange and will be available on select external exchanges soon after launch.



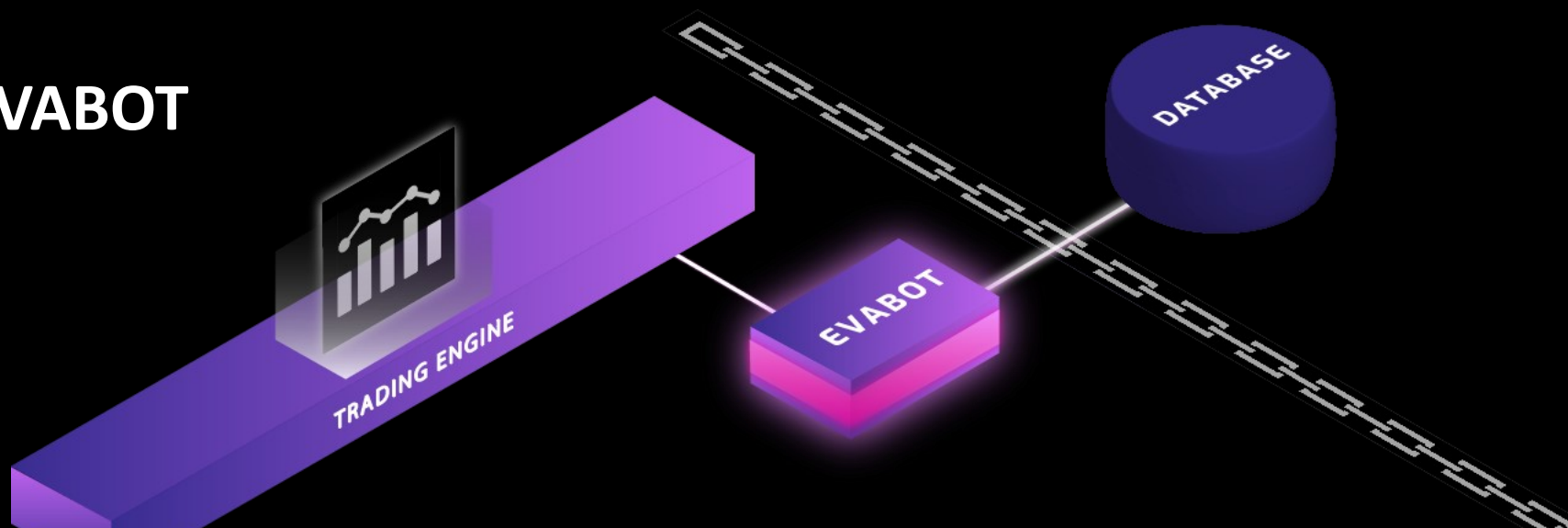


# ECOSYSTEM

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EVABOT is an automated arbitrage bot. Users can buy into the funding pool with EVOT, which will provide them with a share of the profits in relation to their percentage stake in the pool. As everything is automatic and the user has no interaction after the investment, any profits garnered from EVABOT are deemed as passive income.

## What is arbitrage trading?

Arbitrage trading is a system of trading where due to a price differential in two different markets, simultaneous trades can be executed that lock-in a guaranteed profit

As explained by Business Insider, “in most developed markets, assets will be priced the same across different exchanges. Any pricing imbalances present one of finances golden opportunities: arbitrage. This is where a trader buys an asset — say a stock — on the exchange where it is cheaper, turns around to sell it on the exchange that quotes a higher price, and pockets the difference.”

“For currencies, stocks, and other mainstream assets, even the smallest arbitrage opportunity is quickly eroded. When traders buy the cheaper asset, the added demand drives up the price until the price spread is eroded.”

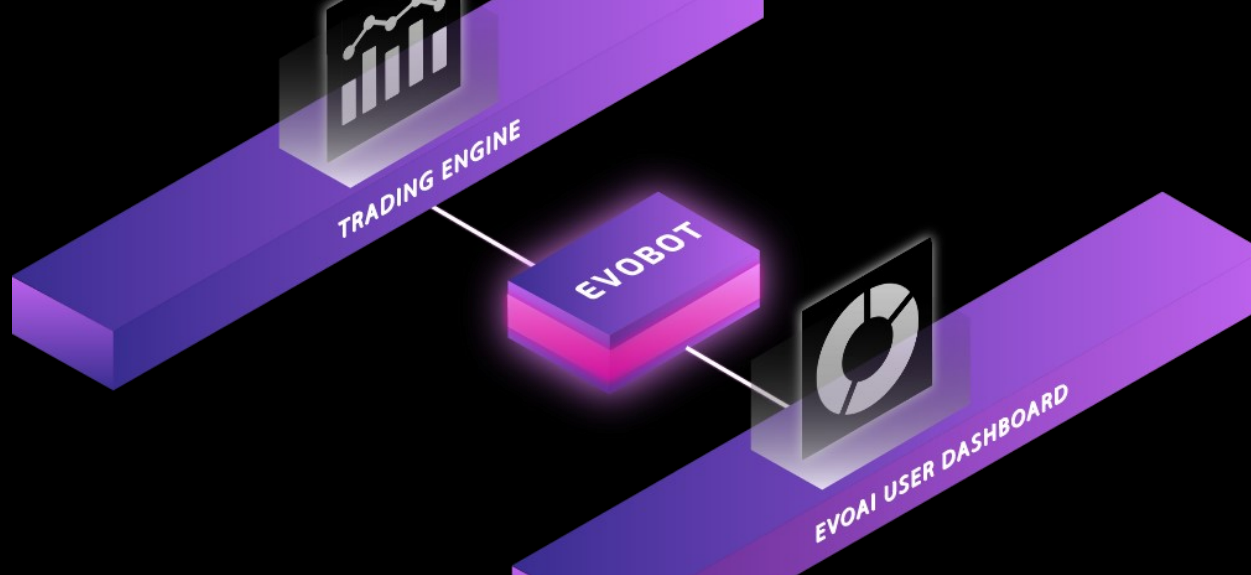
However, continues Business Insider, “even some of the most liquid cryptocurrencies such as bitcoin can have price spreads of up to 10% across different exchanges due to the difference in demand.... and difficulties trading between some exchanges.”

$$P(V_t \geq 0) = 1 \text{ and } P(V_t \neq 0) > 0$$

where  $V_0 = 0$  and  $V_t$  denotes the portfolio value at time  $t$ .

The automated trading bot will only execute a trade that has an instant profit after fees, therefore the trade will never execute a loss. As the following below equation states, when the result is less than or equal to 1, an arbitrage opportunity is possible. The EVABOT will scan all connected exchanges for these opportunities across all trading pairs and execute the trades in an organized sequence.

Our constantly evolving trading trading engine will pull prices from all the connected exchanges via proprietary rapid API real-time connections, ensuring the best arbitrage opportunities are uncovered and utilized. EVABOT ranks their execution in order of volumetric profitability and historic probabilities (i.e., total profit and chance of profit vs. percentage profit), and executes the highest ranked opportunities, making its way down the list of arbitrage opportunities. At the end of this cycle, profits will be accumulated in the EVABOT smart contract and then distributed according to each users’ stake in the bot’s investment pool. These rewards will be paid to users in Ethereum. The arbitrage system will be fully modular, allowing new behaviors to be integrated easily, introducing more advanced algorithms over time.



It took the New York Stock Exchange from its earliest inception in 1792 until 1869 for it to meet the needs of buyers and sellers, all of whom wanted to complete transactions as quickly and cheaply as technologically possible.

Today, cryptocurrency exchanges are like the earliest versions of the NYSE; not at all user-friendly, offering only a limited set of trading options (buy/sell at market or at limit). This inevitably leads to completely linear trading decisions i.e., hold the token or sell the token. In traditional financial markets, such as stocks and currencies, the level of complexity and choices offered to investors is vast; theories abound as to how to “beat the market.” What is certain is that in today’s highly complex financial markets, it is a given that success requires automation and speed.

EVOBOT plans to disrupt the cryptocurrency space by offering both manual pre-programmable bots and a trading console that aggregates all connected exchange accounts enabling full cross-platform trading and includes intelligent charts (EVOCHARTS) which can interpret patterns automatically to assist in vital trading decisions.

EVOBOT is a bot that can be programmed by users using a simple logic system based on traditional trading techniques. EVOBOT acts as a powerful tool to execute more complex trades leveraging the speed and decision-certainty of pre-programmed commands. These commands will have fully editable parameters that can be set by users and can also be combined with other compatible commands to create advanced automated trading strategies as chosen by users. EVOAI will charge a flat 5% fee on profits, payable in EVOT, for the use of our manual EVOBOTs.

EVOBOT will offer a subscription based interactive learning course featuring rich media presentations enabling users of various experience to improve their understanding of the platform to maximize returns.

EVOAI will constantly be developing more logic-based, sensing bots to increase the toolbox and powers of individual traders, finally bringing investment know-how and Wall Street technology to a transparent consumer level trading platform.



ARTIFICIAL INTELLIGENCE  
NEURAL NETWORK

EVE is the nexus of the EVOAI infrastructure, the grand vision of the platform. Essentially, EVE represents the cognitive analysis of big data coupled with cutting-edge machine learning to discover financial opportunity. She is a cryptocurrency early-stage AI that connects external APIs, our inhouse proprietary algorithms and the blockchain to make informed trading decisions.

The first EVE will connect to a pricing API to extract cryptocurrency historical data and begin deep data analysis to generate strategies from trends and past opportunities. Additional coin data such as historical news articles, social media activity and announcements will be sourced and fed into the EVE database. The EVE team will then use machine learning techniques to program EVE to use pattern recognition to find trends and notable price movements based on the vast datasets that have been aggregated into EVE.

The next phase will be to add the trading knowledge (similar to that of EVOBOT) into the system. This will include a wide variety of traditional trading techniques and sophisticated chart shape analysis such as Doji candle patterns.

Once EVE has modelled unique strategies from the data she will use those systems to execute virtual trades in real-time from the trading engine which powers all the EVOAI bots. EVE will learn from every virtual trade, constantly assessing patterns, risk and profit. Once EVE's average profits over 1,000,000 trades exceed the +0.1% mark, the system will move into alpha stage, readying for real world testing on the cryptocurrency markets.

Once the EVE team is satisfied with the security of the live real-world trading systems, the project will move in to a closed beta test in which a selection of the top EVOT holders will be invited to participate and give feedback on possible UI and UX improvements.

Upon success in the beta test, the EVOAI platform will have made a quantum leap in the cryptosphere; an AI influenced system will have learned to trade efficiently and profitably, allowing for passive income generation while at the same time enabling sophisticated users to generate even greater returns. The future of

EVE could be as meaningful as the introduction of money to the barter system, and similarly be used to accelerate the universal basic income level. With that goal in mind EVOAI will introduce a mechanism intended to allow partial-utilization of the EVE system from any future system that may benefit from connecting to our technology.

# ECOSYSTEM ECONOMY I

The entire EVOAI ecosystem is powered by the EVOT (Evolution Token). EVOT is an ERC20 Ethereum-based token that is used to participate in crypto trading pools or used when operating our manual trading bots. All daily profits from the trading pools or profits earned with our manual bots will be airdropped in Ethereum. The EVOAI platform does not and will not accept fiat currency.

In order to enter the ecosystem users will first have to purchase Ethereum from an exchange and then purchase EVOT from the EVOAI exchange (or 3rd party exchanges once the token is listed—see roadmap). Once the user holds EVOT tokens they can participate in using the various bots on the platform.

## *Supply*

A maximum of 10 million\* EVOT tokens will ever be minted.

No new tokens will be created or airdropped in the future— the supply is capped.

\* minus any burnt



# ECOSYSTEM ECONOMY II

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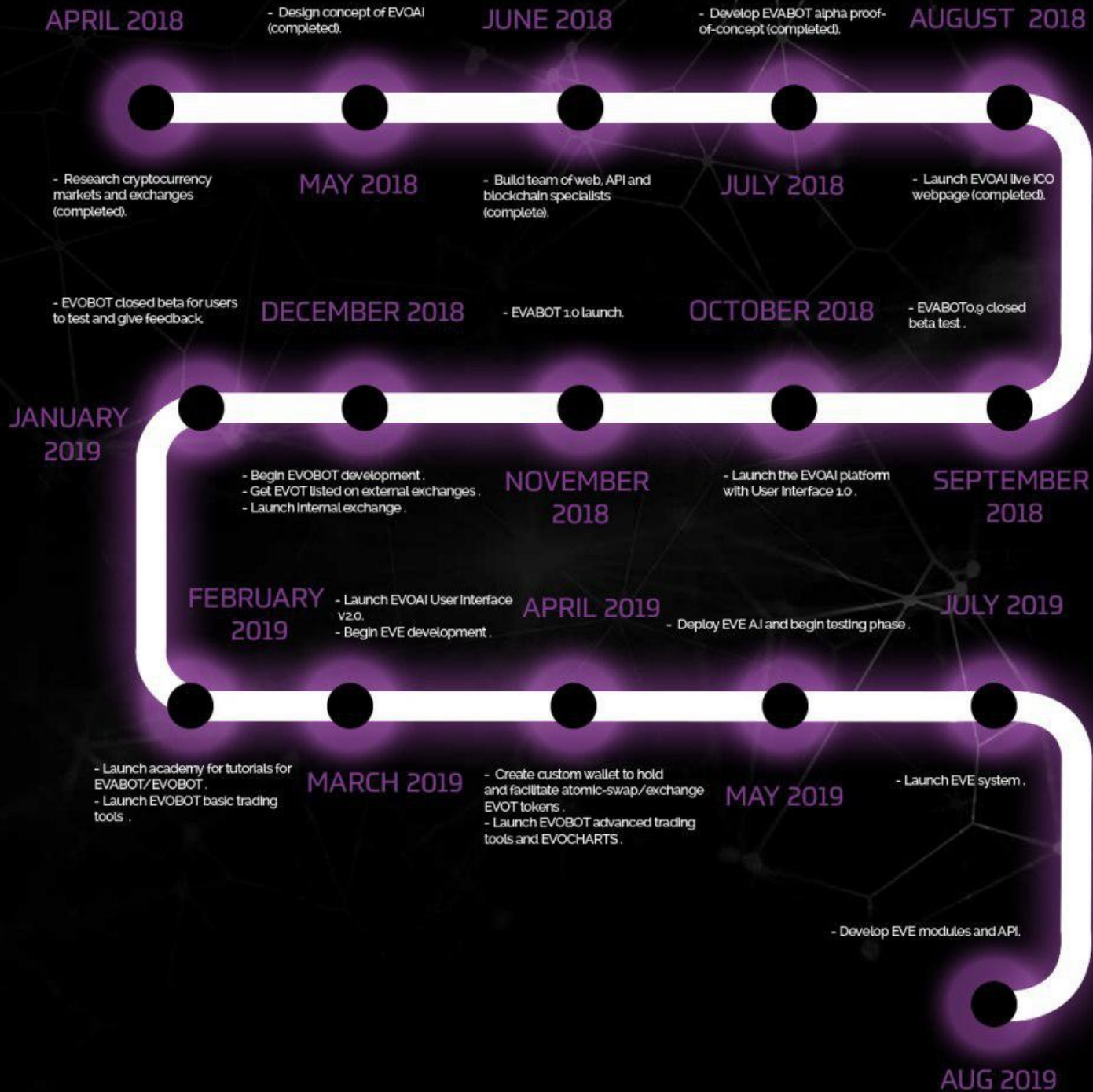
## *Utility*

The actual EVOT token is a utility token which can be used to invest in the EVABOT automated arbitrage bot pool; as currency for utilizing our manual trading EVOBOT system; and for utilizing the functions of EVE. All profits will be airdropped in Ethereum and users will either withdraw Ethereum generated or repurchase EVOT at the exchange current rate. This constant use of the tokens creates a very healthy token economy likely to increase demand.

There will also be other services that can be purchased using the EVOT token. These include:

- the cryptocurrency trading academy which offers both prerecorded lessons and live seminars or 1-to-1 personal trading training
- The EVE system will include the ability to buy signals that are artificial intelligence indicators that mathematically model and predict future cryptocurrency prices based on a plethora of information and metrics
- pay for goods and services in a marketplace area







# SUMMARY

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EVOAI has a provable proof-of-concept with the demo of EVABOT, and the team has the cumulative experience to make this platform come to life. The market is calling for a concept such as EVOAI and our team is ready to begin work to make this platform the best it can be. The idea is simple and much needed, but to this date this type of platform has not been achieved.

What was once only the luxury of the investment banks and hedge funds, can now be ported to crypto, iterated into an income-generating system, then tokenized and distributed to smaller investors. This will represent a major paradigm shift in modern economics.

Welcome to EVOAI... the future of cryptotrading.



# DISCLAIMER

The goal of this whitepaper is to present the EVOAI network (“Company”) project.

The information set forth below should not be considered exhaustive and does not imply any elements of a contractual relationship and is presented for information only. The sole purpose of this document is to provide summary information regarding the Company. This information may be updated or changed from time to time without notice. In the event of such changes an updated version of this whitepaper will be uploaded to the Company website. Written authorization is required for distribution of any or all parts contained herein.

The cryptocurrency produced by the Company is called EVOT, but to avoid confusion may be referred to as “EVOT tokens”, “EVOT”, or “EVOTs” (“tokens” may be considered to refer to “coins” as may be appropriate to marketing materials by the Company).

This whitepaper does not constitute advice nor a recommendation by the Company, its officers, directors, managers, employees, agents, advisors or consultants, or any other person to any recipient of this document on the merits of the participation in the initial coin offering (“ICO”).

The ICO refers to all sales of EVOT tokens by the Company. Participation in the ICO carries substantial risk and may involve special risks that could lead to a loss of all or a substantial portion of such an investment. Do not participate in the ICO unless you are prepared to lose the entire amount you allocated to purchasing EVOT tokens.

No promises of future performance or value are or will be made with respect to EVOT tokens, including no promise of inherent value, no promise of continuing payments, and no guarantee that EVOT tokens will hold any particular value. EVOT tokens are not being structured or sold as securities. EVOT tokens are sold as a functional good and all proceeds received by the Company may be spent freely by the Company, absent any conditions set out in this whitepaper. EVOT tokens are not participation in the Company and EVOT tokens hold no rights or interest in the Company. Unless prospective participants fully understand and accept the nature of the Company and the potential risks inherent in EVOT tokens, they should not participate in the ICO.

This whitepaper does not constitute a prospectus, offering statement or disclosure document and does not constitute an offer to sell securities or a solicitation of an offer to buy an investment in securities or any financial instrument of any kind, in any jurisdiction, and should not be treated or relied upon as one. The content of this whitepaper is not a financial promotion and none of its contents should be considered an invitation or inducement to engage in any manner of investment activity.

All information herein that is forward looking is speculative in nature and may change in response to numerous outside forces, including technological innovations, regulatory factors, and/or currency fluctuations, including but not limited to the market value of cryptocurrencies.

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The Company shall have no liability for damages of any kind arising out of the use, reference to or reliance on the contents of this document, even if advised of the possibility of such damages.

ICO participants should carefully consider and evaluate all risks associated with cryptocurrencies, the ICO and respective business activities. Before participating in the ICO you should carefully read all the information set out in this disclaimer, the whitepaper, the Company website Terms and Conditions and Privacy Policy and ensure that you are aware of all potential risks.

This whitepaper includes references to third party data and industry publications. The Company believes that this industry data is accurate and that its estimates and assumptions are reasonable; however, there are no assurances as to the accuracy or completeness of this data. Third party sources generally state the information contained therein has been obtained from sources believed to be reliable; however, there are no assurances as to the accuracy or completeness of included information. Although the data are believed to be reliable, the Company has not independently verified any of the data from third party sources referred to in this whitepaper or ascertained the underlying assumptions relied upon by such sources.

Please note that the Company is in the process of undertaking a legal and regulatory analysis of the functionality of its EVOT tokens. Following the conclusion of this analysis, the Company may decide to amend the intended functionality of its EVOT tokens in order to ensure compliance with any legal or regulatory requirements to which we are subject. In the event that the Company decides to amend the intended functionality of its EVOT tokens, the Company will update the relevant contents of this whitepaper and upload the latest version of this to its website.



No regulatory authority has examined or approved any of the information set out in the whitepaper. The publication, distribution or dissemination of this whitepaper does not imply that the applicable laws of any jurisdiction, regulatory requirements, or rules have been complied with. Any EVOT tokens could be impacted by regulatory action, including potential restrictions on the ownership, use, or possession of such tokens. Regulators or other circumstances may demand that the mechanics of the EVOT tokens be altered, all or in part. The Company may revise mechanics to comply with regulatory requirements or other governmental or business obligations. Nevertheless, the Company believe they have taken all commercially reasonable steps to ensure that its planned mechanics are proper and in compliance with currently considered regulations.

#### CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This whitepaper contains forward-looking statements or information (collectively “forward-looking statements”) that relate to the Company’s current expectations and views of future events with respect to the Company and the sectors and industries in which the Company operates. In some cases, these forward-looking statements can be identified by words or phrases such as “may,” “will,” “expect,” “anticipate,” “aim,” “estimate,” “intend,” “plan,” “seek,” “believe,” “potential,” “projects,” “could,” “would,” “continue,” “is/are likely to” or the negative of these terms, or other similar expressions intended to identify forward-looking statements. The Company has based these forward-looking statements on its current expectations and projections about future events and financial trends that it believes may affect its financial condition, results of operations, business strategy, financial needs, or the results of the ICO or the value or price stability of the EVOT tokens. In addition to statements relating to the matters set out here, this whitepaper contains forward-looking statements related to the Company’s proposed operating model. The model speaks to its objectives only, and is not a forecast, projection or prediction of future results of operations. Forward-looking statements are based on certain assumptions and analysis made by the Company in light of its experience and perception of historical trends, current conditions and expected future developments and other factors it believes are appropriate and are subject to risks and uncertainties.

Although the forward-looking statements contained in this whitepaper are based upon what the Company believes are reasonable assumptions, all forward looking statements address matters that involve risks, uncertainties, assumptions, and other factors which could cause the Company’s actual results, performance, achievements, and experience to differ materially from its expectations expressed, implied, indicated or perceived in its forward-looking statements. Given such risks, prospective participants in an ICO should not place undue reliance on these forward-looking statements. Risks and uncertainties include, but are not limited to, those identified in the ICO terms and conditions.

The Company undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date of this whitepaper.

The Company’s business is subject to various laws and regulations in the countries where it operates or intends to operate. There is a risk that certain activities of the Company may be deemed in violation of any such law or regulation. Penalties for any such potential violation would be unknown. Additionally, changes in applicable laws or regulations or evolving interpretations of existing law could, in certain circumstances, result in increased compliance costs or capital expenditures, which could affect the Company’s profitability, or impede the Company’s ability to carry on the business model and the EVOT tokens model proposed in this whitepaper.