EVOAI

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ABSTRACT

EVOAI is a revolutionary new trading platform that combines traditional trading methods with an advanced artificial intelligence.

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 our lives, such as when personal computers entered our homes or when cell phones became smart. 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 to earn income from the blockchain. The platform will do this by offering users the opportunity to invest in a multitude of trading systems, from passive-income automated arbitrage pools to AI powered signals and advanced manual trading bots.

As a team, we have looked at the current market landscape and taken some of the best components from platforms that we think are moving the market in the right direction and added subtle improvements that in time will garner better results for our investors.

INTRODUCTION II

The cryptocurrency market has already created a lot of booms and busts, with some coins worth thousands of times their initial value and some coins disappearing with millions of dollars of user funds. One could say it has been akin to the gold rush days and the wild west of late 1800s America. At the top of the crashes have been the lending and staking 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, and within two weeks had shed 95% of its value and ceased its previous operations.

The EVOAI TEAM decided from the very offset that this platform would not operate in the same way, learning from the past mistakes of the failed platforms. Therefore, EVOAI is fully transparent by leveraging the blockchain to record its operations for all to view, and most importantly puts the user in direct control of their money at all times. As such, there are no minimum lock-in periods for user funds and all platform transactions are fully automated and secure using Ethereum smart contracts.

This makes EVOAI a legitimate business model with no hidden practices, utilizing a real token with real value, backed by real profits generated from our genuine and transparent trading systems.

COMPARISON TABLE

	Lending Platform	Copyfund	Traditional Fund	EVO AI
Initial Investment	$50	$5000	$500	$250
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	very 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

ECOSYSTEM

The EVOAI ecosystem comprises of multiple specialized interconnected systems working together to locate, analyse, execute and report various trades across the cryptocurrency exchanges.
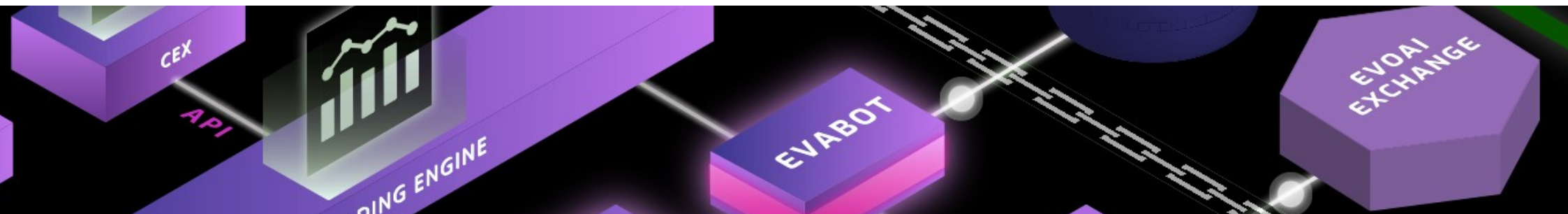
Trading Engine

The work horse of the system, the trading engine is responsible for calculating real-time trading opportunities and from the data discovery system and connecting the EVOAI system to the associated external cryptocurrency exchange accounts, making instantaneous cross-exchange trades possible. This system will also store all up-to-date exchange-related data such as trading fees, withdrawal options and withdrawal fees for accurate profit calculations. Separating the trading engine from the trading bots allows one central 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 comprises of three proposed bots – an automated arbitrage bot (EVABOT), a manual trading bot (EVOBOT), and an AI powered trading bot (EVEBOT). The entire EVABOT trade log is recorded on the blockchain for ultimate transparency.

User Dashboard

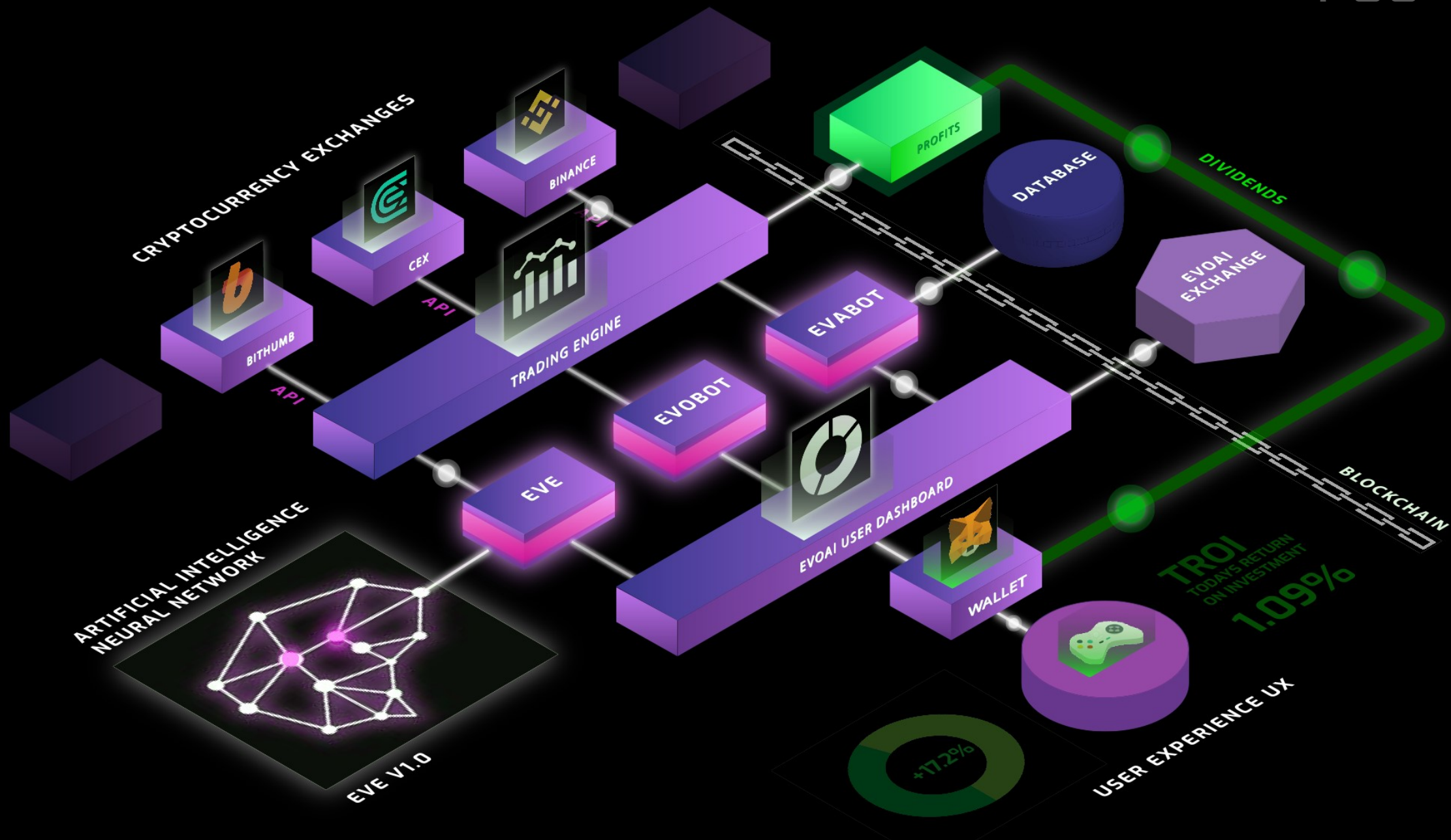The dashboard allows users to connect via their MetaMask wallets and perform various actions. Firstly users can interact with the bots using the native EVOT token to participate in funding pools or to gain access to sophisticated manual trading bots. The EVOT token is available for purchase or sell in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

CRYPTOCURRENCY EXCHANGES

BINANCE

CEX

API

BITHUMB

API

API

TRADING ENGINE

PROFITS

DATABASE

DIVIDENDS

EVOAI EXCHANGE

EVABOT

EVOBOT

EVE

EVOAI USER DASHBOARD

BLOCKCHAIN

ARTIFICIAL INTELLIGENCE NEURAL NETWORK

WALLET

TROI
TODAYS RETURN
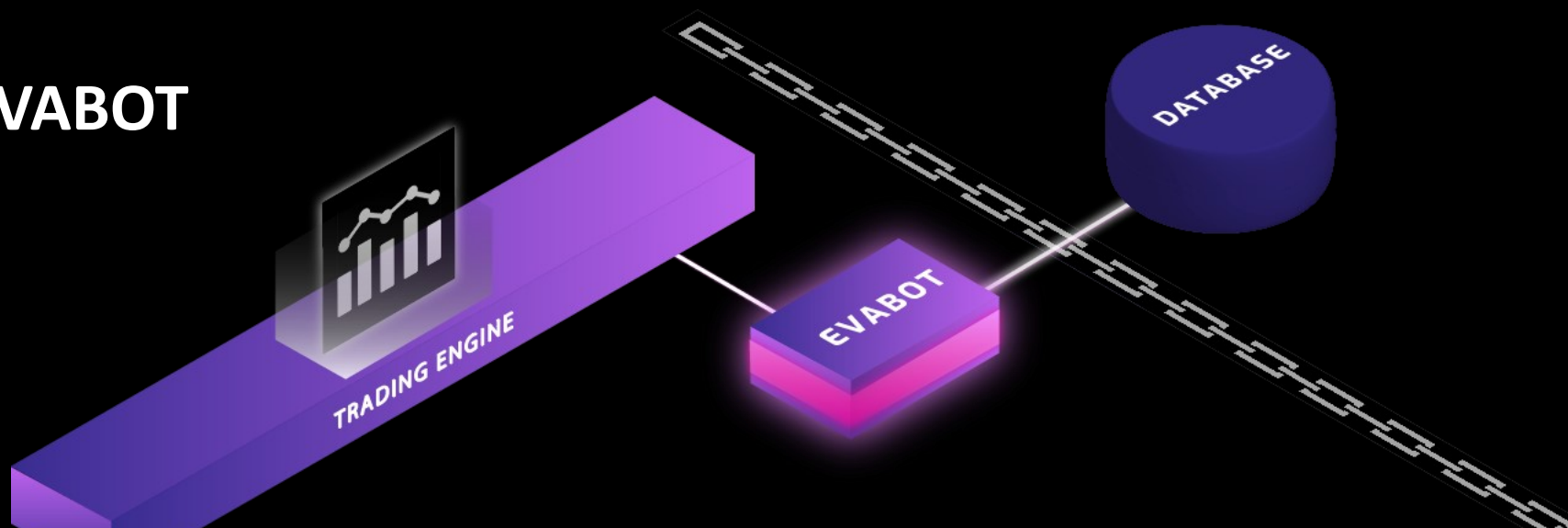ON INVESTMENT
1.09%

EVE V1.0

+17.2%

USER EXPERIENCE UX

EVABOT

EVABOT is an automated arbitrage bot. Users can buy into the funding pool with EVOT, which will guarantee them 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.
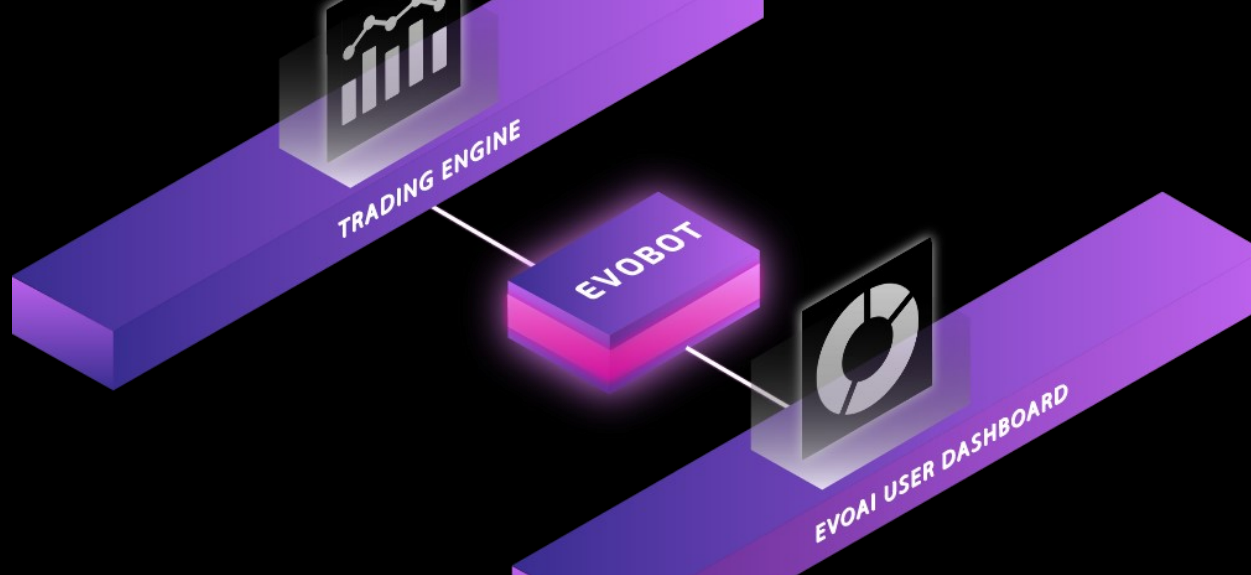
What is arbitrage trading?

Arbitrage trading is a system of trading where, due to a price differential on two different markets, simultaneous trades can be executed that lock-in a guaranteed profit. The automated trading bot will only execute a trade that has an instant profit after fees, therefore the trade will never make a loss. As the following 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.

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

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

Our future-proof trading engine will pull prices from all the connected exchanges via in-house rapid API real-time connections, ensuring the best arbitrage opportunities are found and utilized, ranking their execution in order of volumetric profitability and historic probabilities (i.e total profit and chance of profit vs percentage profit), and executing the highest ranked opportunities, making its way down the list, throughout the 24-hour trading cycle. At the end of this cycle, profits will be accumulated in the **EVABOT** smart contract, and then distributed according to each user's stake in the bot's investment pool (after platform fees of 5% are removed). These rewards will be paid to users in the system-wide currency – EVOTs. The arbitrage system will be fully modular, allowing new behaviours to be integrated easily, introducing more advanced algorithms.
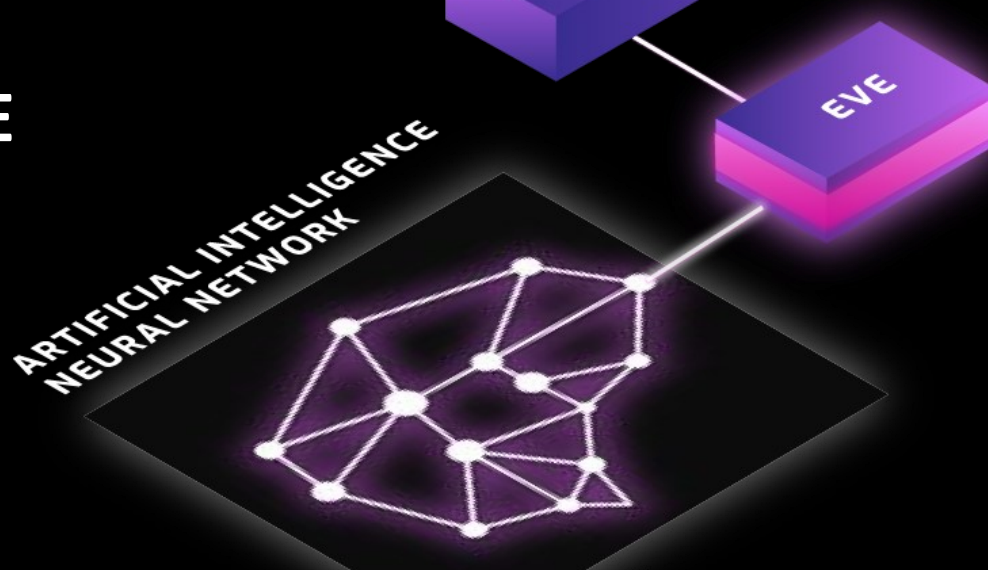
EVOBOT

Currently, cryptocurrency exchanges are not user-friendly and only offer a limited set of trading commands i.e buy/sell at market price OR buy/sell at limit order price. 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, there have been countless books and theses written on different trading techniques and charting interpretation, however implementing these systems on current platforms without automation is a highly complex and time-consuming operation.

EVOBOT plans to disrupt this space by offering both manual pre-programmable bots and a trading console that aggregates all connected exchange accounts for full cross-platform trading, combined with 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 around 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. EVOAI will charge a flat 5% fee on profits, payable in EVOT, for the use of our manual **EVOBOT**s.

EVOBOT will be coupled with a complete interactive learning course and will be a subscription model utilizing the EVOT token. This learning course will feature media rich presentations

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

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 artificial intelligence to discover financial opportunity. She is a cryptocurrency AI that connects with external APIs, our inhouse proprietary algorithms and the blockchain to make informed trading decisions.

From the very offset, **EVE** will connect to a pricing API to extract all cryptocurrency historical data and begin deep data analysis to generate strategies from the 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 interesting price movements based on the vast datasets that have been inputted. The next phase will be to add the trading knowledge (similar to that of EVOBOT) into the system. This will include all traditional trading techniques and all chart shape analysis.

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.

As soon as the **EVE** team is content 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 information display improvements.

Reaching this stage will represent a huge milestone in the cryptosphere, where an AI has learnt to trade efficiently and profitably, allowing for passive income generation within the world economy. Potentially **EVE** could be used to accelerate the universal basic income idea, and for that reason we will also be introducing a paid-access API connection to allow partial-utilization of the EVE system from any future systems that will benefit from connecting to our technology.

ECOSYSTEM ECONOMY I

The entire ecosystem is powered by the EVOT (Evolution Token). EVOT is an ERC20 Ethereum-based token that is used to invest into trading pools or to use to pay fees when operating our manual trading bots. All daily profits from the trading pools or profits earned with our manual bots will be paid out in EVOTs. Once the EVE system is implemented, it too will require EVOT to participate and make pay outs in EVOT, just like the other EVOAI bots.

Supply

A maximum of 10 million* EVOT tokens will ever be minted. The limited supply will guarantee that the price over time is set to rise and therefore offering token holders increased gains.

Utility

The actual EVOT tokens will currently be used to invest in the EVABOT automated arbitrage bot pool or as currency for utilizing our manual trading EVOBOT system. All pay-outs will also be paid in EVOT. This constant use of the tokens creates a very healthy token economy, increasing demand in the EVOT over time.

* minus any burnt

ECOSYSTEM ECONOMY II

Buy Back Program

EVOAI can reduce any unnatural reduction of value in the EVOT by buying back tokens from the community and instantly burning them. This will stimulate the EVOT economy and prevent crashes in price due to mass token sell-offs.
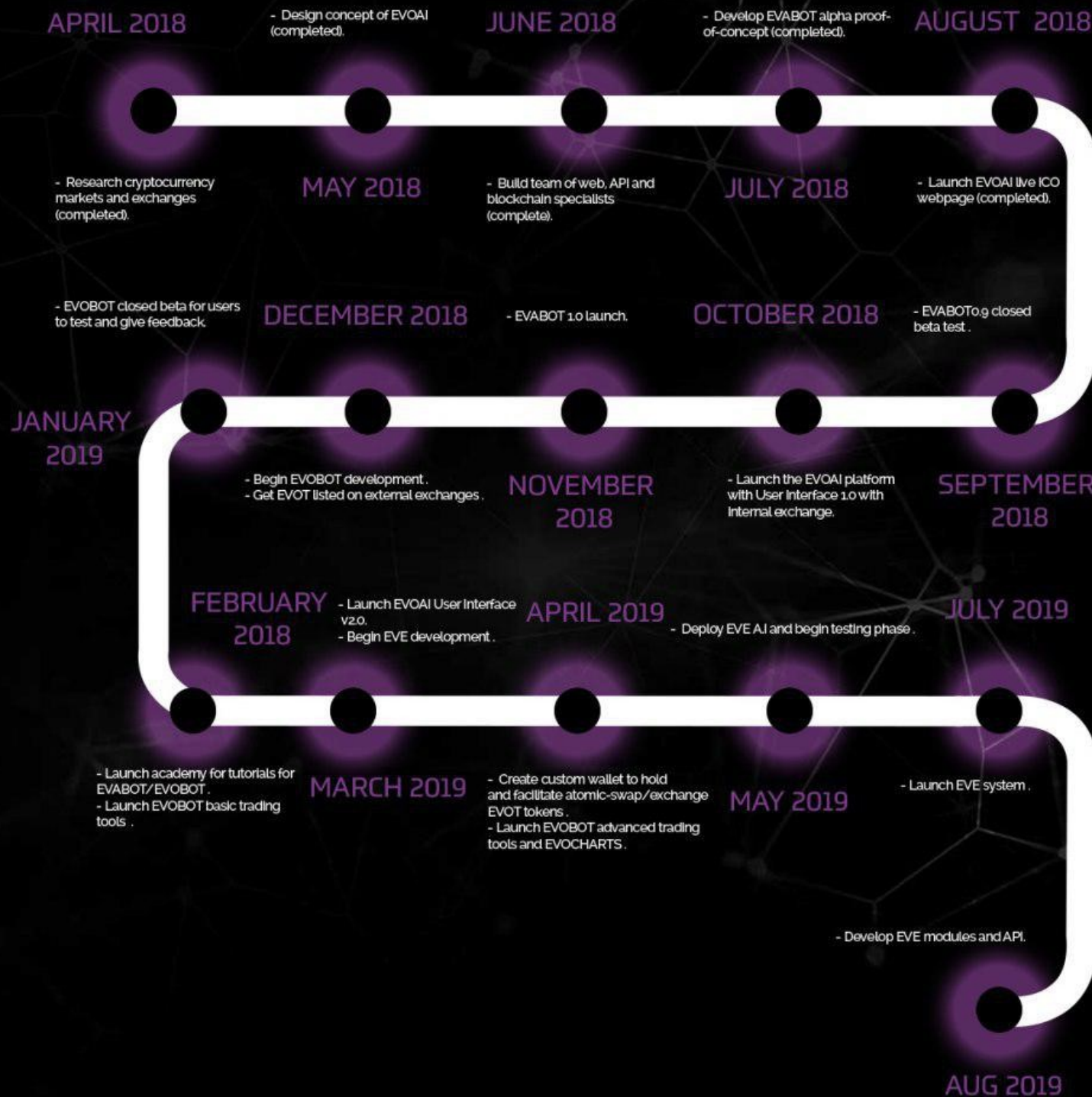
Value/Price

With a constricted coin supply, coupled with ever-increasing performance and profits from our bots, the EVOT token is designed to appreciate. These factors combined allow for our users to hold EVOT tokens as a long-term investment strategy in addition to utilizing them to generate daily passive profits. The EVOAI token is different from other platforms as it has an 'intrinsic value'. Warren Buffet famously said, "If you buy something like bitcoin or some cryptocurrency, you don't have anything that is producing anything". With EVOT, it produces a constant return when used in the EVABOT system, and empowers traders to make better decisions with EVOBOT, and therefore will increase in value organically.

Additionally, the EVOAI foundation will aggressively push to have its token listed on as many exchanges as possible, including decentralized. The increased exposure of the EVOT will create more demand, which will in turn cause a positive upward price movement.

Ongoing development in trading algorithms and artificial intelligence will put EVOAI at the forefront of worldwide cryptocurrency trading as the systems start to increase in their efficiency and profitability.

APRIL 2018

- Design concept of EVOAI (completed).

JUNE 2018

- Develop EVABOT alpha proof-of-concept (completed).

AUGUST 2018

- Research cryptocurrency markets and exchanges (completed).

MAY 2018

- Build team of web, API and blockchain specialists (complete).

JULY 2018

- Launch EVOAI live ICO webpage (completed).

- EVOBOT closed beta for users to test and give feedback.

DECEMBER 2018

- EVABOT 1.0 launch.

OCTOBER 2018

- EVABOT 0.9 closed beta test.

JANUARY 2019

- Begin EVOBOT development.
- Get EVOT listed on external exchanges.

NOVEMBER 2018

- Launch the EVOAI platform with User Interface 1.0 with internal exchange.

SEPTEMBER 2018

FEBRUARY 2018

- Launch EVOAI User Interface v2.0.
- Begin EVE development.

APRIL 2019

- Deploy EVE A.I and begin testing phase.

JULY 2019

- Launch academy for tutorials for EVABOT/ EVOBOT.
- Launch EVOBOT basic trading tools.

MARCH 2019

- Create custom wallet to hold and facilitate atomic-swap/exchange EVOT tokens.
- Launch EVOBOT advanced trading tools and EVOCHARTS.

MAY 2019

- Launch EVE system.

- Develop EVE modules and API.

AUG 2019

SUMMARY

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

EVABOT is an auto-arbitrage bot that can be invested in every 24 hour cycle, and returns healthy gains to users that invested EVOTs in the EVABOT token pool; EVOBOT is a collection of trading and analysis tools that the cryptocurrency community is in dire need of; and that EVE represents the mastery of combining the auto-arbitration features of EVABOT; the programmable trading and analysis of EVOBOT; utilizing the rapidly developing and most exciting technology of the next 10-20 years and beyond – artificial intelligence (AI).

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.