

# CryptoHive

**White Paper**  
August 2017

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## **1. Abstract**

Cryptocurrency is a digital asset designed to work as a medium of exchange.

Bitcoin was the first decentralized cryptocurrency and it brought revolution to the world of finance. It was invented over 9 years ago and is still the largest among the 1000+ cryptocurrencies in the world.

Crypto exchanges are open 24/7 which means there is non-stop trading between different currencies and assets. Every internet user can become a trader with a few simple mouse clicks.

Since there are so many information overflowing on the internet, it has become almost impossible to differentiate between good and bad advices.

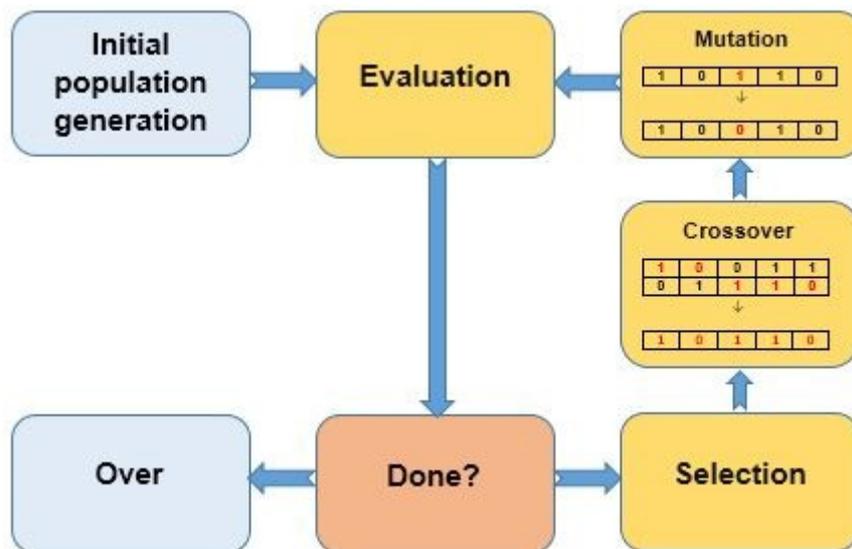
Classic trading methods from the 20<sup>th</sup> century are far from optimal for trading cryptocurrencies. We decided to bring the latest technology in these new emerging crypto trading markets.

## 2. Introduction

Cryptohive is a combination of smart algorithms for finding and gathering useful information from all over the world.

In finance, technical analysis is an analysis methodology for forecasting the direction of prices through the study of past market data, primarily price and volume. Fundamental analysis is the interpretation of statistical reports and economic indicators.

In computer science, a genetic algorithm (GA) is a procedure designed to find, generate, or select a heuristic that may provide a sufficiently good solution to an optimization problem inspired by the process of natural selection. Genetic algorithms are used to generate high-quality solutions to optimization problems by relying on bio-inspired operators such as mutation, crossover and selection.



We implemented genetic algorithms in trading methods to get the best results in crypto market environment.

### **3. Summary**

Core of the project is that all markets are constantly being monitored and analyzed with optimized trading methods using technical and fundamental analysis combining with social media sentiment and google trends indicators.

Data, which provide buy and sell signals, will be available on our website only for our subscribers. Users will be able to instantly get market alerts via telegram bot. All gathered data will also be available on our website for additional studying.

Our app, which will be able to trade automatically using your API keys on your PC or on your smart phone, is currently under development. We will not store any of your API secret keys on our servers.

Each user will be able to set different market strategies depending how much risk they are willing to take. Day traders, hodlers and investors will find a proper strategy for themselves. The platform will welcome experience traders and beginners alike.

## 4. Problem

*„The most valuable commodity I know of is information.“ - Gordon Gekko*

World wide web is overflown with data. Therefore many information can be useless or even false, which can lead to making bad decisions about investing or trading. Since there are so many different cryptocurrencies, many of which are pure scams or pump and dump schemes, world of trading can be a dangerous place for your hard earned money.

On the other hand, cryptocurrencies are still very young and a fast growing market, which means there are plenty of opportunities to make a good investment or a good trade.

Finding the right information and analysing all this data is very hard for human brain. Using trading indicators which had worked well on stock markets are far from being successful in crypto markets.

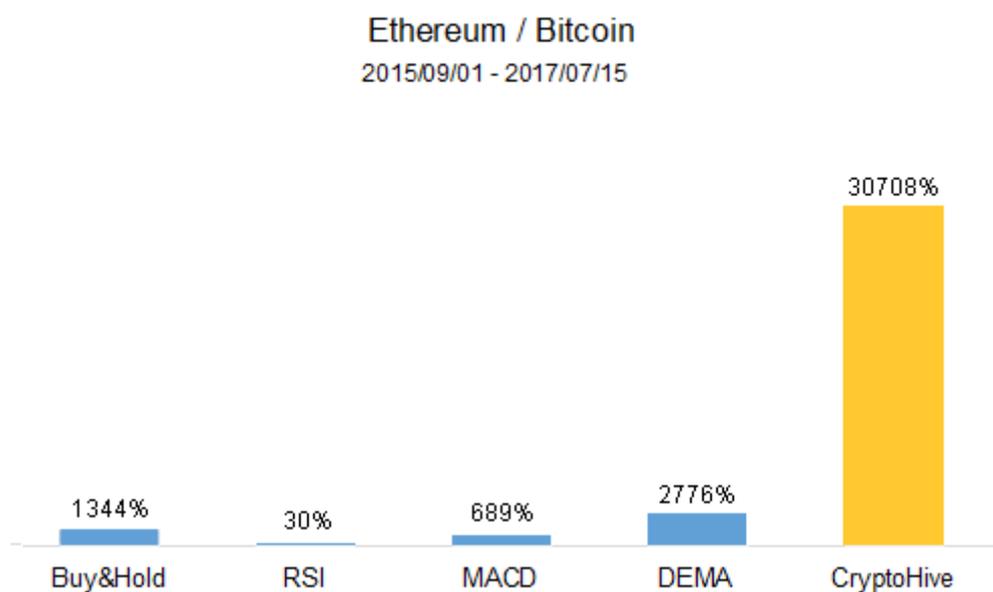
Exchanges never sleep, trading goes on non-stop, unlike people who need to rest. There are bots, which can trade for you, but most of them use old technology and old algorithms, which can lead to loss of funds. It is like going to battle with medieval weapons against 21<sup>st</sup> century army.

## 5. Solution

*„The solution often turns out more beautiful than the puzzle“ - Richard Dawkins*

Cryptohive algorithms are constantly improving themselves by learning from its mistakes. Trading methods which do not produce good results are discarded and replaced by better methods using different trading indicators. It is a similar process like in evolution, where bad genes are dropped through process of natural selection. First version of cryptohive algorithm had been learning itself from running market backtests to get a solid foundation in trading. Later it started live trading and learn from there. It took technical analysis on new levels. It finds patterns faster and better than any human can.

By adding fundamental analysis and scanning social media, news and google trends it became even better trader by better predicting bullish or bearish market signals.



We offer access to results of cryptohive algorithms for our subscribers to make a better decisions in trading. Results are very simple to understand, they can either be bullish or bearish for a selected asset. Cryptohive bot advises you to either buy or sell. These alerts are sent using our telegram bot or accessed via our website. Every subscriber can select a different strategy based on risk he is willing to take.

Users decide for themselves whether they follow the bot's advice or not. Our custom app to automatically buy or sell given bot's advice is under development.

## **6. Future Timeline**

### **9.9. 2017**

Website launch date. Open beta version of cryptohive.world.

### **10.10. 2017**

ICO start date.

### **11.11.2017**

ICO ends. Token distribution. Subscriptions on website enabled.

### **Q4 2017**

New website features, more exchanges and assets supported.

### **Q2 2018**

Cryptohive app for your PC and mobile, enabling automatic trading  
Further genetic algorithm development.

### **Q2 2018**

Ability for users to run their own strategy optimized by cyptohive algorithm.

### **Q3 2018**

Complete trading portal on our website.

### **2019 and beyond**

Applying CryptoHive algorithms outside of trading for more general use.

## **7. Token and Subscription**

Cryptohive token is a cross platform token using two of the biggest blockchains in the world. It will be issued on Bitcoin (Counterparty) and Ethereum blockchains .

Total supply of HIVE tokens will be 21.000.000 tokens, equally split between both chains. All of unsold tokens on presale will be burned!

HIVE token will be used for access to our premium features on our website. You will pay subscription fees only with HIVE tokens.

We will promote the trading of HIVE tokens on several centralized and decentralized exchanges.

Name: cryptohive

Initial supply: 21 000 000

Platforms: Bitcoin (counterparty) and Ethereum

Information about the presale can be found at our website:

<https://cryptohive.world/ICO.html>

## **8. Conclusion**

Crytohive is an entity consisting of large number of people and smart algorithms working together in a competitive world of trading.

*„Coming together is a beginning; keeping together is progress; working together is success“ - Henry Ford*

## **Follow us on:**

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<https://twitter.com/cryptohiveworld>

[info@cryptohive.world](mailto:info@cryptohive.world)

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