Hello! My name is Rita. I am a virtual assistant developed by the CryptoRobotics team, sharing news about our products and services.

Stock market traders have been using desktop terminals for trading on stock exchanges for more than 10 years.

These functional and modern terminals fulfil all the standard requirements typically demanded by traders, including but not limited to: scalable asset schedules, indicators, markers & monitors, and automated proposals according to pre-set investment strategies.

It is our assertion that trading terminals on the stock market have become indispensable tools for traders.

According to expert forecasts, by 2024 there will be over 200M participants in the cryptocurrency market, outpacing the classical stock market.

CryptoRobotics is capitalising on this trend by creating a cross-platform desktop terminal for trading on any cryptocurrency exchange. We are introducing the usual tools for algorithmic trading and creating new analytical and intelligent solution through the development of trading robots taking into account the best experience of the stock and currency market.

This White Paper shares further information on our technology, methods, future developments, as well as further details on how to become a user of the CryptoRobotics terminal.

Want the Audio? Click here to listen to me read the White Paper.

For your convenience, the recording is divided into several parts, so you can jump to the sections of interest.

This White Paper has been issued by CryptoRobotics Limited (the “Company”) on the May 18, 2018 and should be read in conjunction with the Company’s terms and conditions (the “Terms”). The term coin and token are used interchangeably.

The purpose of this White Paper is to provide prospective purchasers with the information on the Company’s project to allow the prospective purchasers to make their own decision as to whether or not it wishes to proceed to purchase our ROBO Token (hereinafter the “ROBO”). This White Paper does not constitute an offer or invitation, or any other sale or purchase of shares, securities, or any of the assets of the Company.

The Board of Directors of the Company have taken reasonable care to ensure that, as at the date of this White Paper, the information contained herein is accurate to the best of their knowledge and there are no other facts, the omission of which, would make misleading any statement in this White Paper. No representation, warranty, assurance or undertaking is made as to its continued accuracy after such date. The information contained in this White Paper may be subject to modification, supplementation and amendment at any time and from time to time.

This White Paper describes the Company’s business objectives and the issue by the Company of ROBO. It has not been reviewed, verified, approved or authorised by any regulatory or supervisory authority. The following content provided is for informational purposes related to our approach of providing a solution based on blockchain technology. The following information may not be comprehensive and does not imply any elements of a contractual relationship. This document does not constitute the provision of investment or professional advisory services. The Company does not guarantee, and accept any legal liability whatsoever arising from or connected to, the accuracy, reliability, or completeness of any material contained in this document. It is the responsibility of prospective purchasers of ROBO to undertake their own due diligence.

The publication of this White Paper and the offering of ROBO may be restricted in certain jurisdictions. It is the responsibility of any person in possession of this White Paper and any persons wishing to make an application for ROBO (pursuant to the Terms) to inform themselves of, and to observe, any and all laws and regulations that may be applicable to them.
This White Paper does not constitute an offer or solicitation to anyone in any jurisdiction in which such offer or solicitation is not lawful or in which the person making such offer or solicitation is not qualified to do so. The platform to be created and/or the ROBO are not intended to constitute securities in any jurisdiction. This whitepaper does not constitute a prospectus or offer document in any form and is not intended to constitute an offer of securities or a solicitation for investment in securities in any jurisdiction. The Company token holders will not receive any form of a dividend or any other revenue right. Nor will the ROBO participate in a profit-sharing scheme or the profits of the Company.

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The Company and its Board of Directors do not provide any advice or recommendations with respect to the ROBOs, nor do they endorse such tokens, nor do they accept any responsibility or liability for any use of this White Paper by any person which is in breach of any local regulatory requirements with regard to the distribution of this White Paper or any applicable rules pertaining to the offer of ROBOs.
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The ROBO will not be available to individuals or entities that are ordinarily resident in the United States of America or the People’s Republic of China. Persons from the United States of America or the People’s Republic of China that participate in the token sale by providing false or inaccurate information about their citizenship, residency and/or nationality shall be in breach of these terms and shall be required to forfeit the ROBOs and indemnify the Company in respect of any damages and/or losses suffered due to this breach in accordance with the indemnification provisions set out in these terms.

To the maximum extent permitted by the applicable laws, regulations and rules, the Company, its founders, team members and any third party involved in the Company’s project shall not be liable for any indirect, special, incidental, consequential or other losses of any kind. Furthermore, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of, or reliance on this White Paper.

All statements regarding the Company’s financial position, business strategies, plans and prospects and the prospects of the industry which the Company is in are forward-looking statements. Neither the Company, its founders, team members, any third party involved in the Company’s project nor any other person represents, warrants and undertakes that the actual future results, performance or achievements of the Company will be as discussed in these forward-looking statements.

This White Paper includes market and industry information and forecasts, which the Company has obtained from internal surveys, reports and studies, where appropriate, as well as market research, publicly available information and industry publications. Such surveys, reports, studies, market research, publicly available information and publications state that the information that they contain has come from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of such included information.

The Company does not make, or purport to make and disclaims any representation, warranty or undertaking in any form whatsoever to any entity or person. Including any representation, warranty or undertaking about the truth, accuracy, and completeness of any of the information set out in this White Paper.
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1. Existing cryptocurrency trading terminals do not integrate other exchanges and are costly to use.

2. The Top-10 crypto exchange terminals by turnover all utilize web interfaces to deliver their services which in our view significantly limits the analytical functionality and makes it impossible to execute algorithmic trading online.

3. Cryptocurrency exchange rates vary widely from exchange to exchange. We believe there is a serious trading benefit if this arbitrage can be leveraged. However, this is currently hindered by the fact that switching from exchange to exchange takes significant time and involves a cost to the user.

4. As far as we are aware, there are currently no unique tools for technical analysis provided by cryptocurrency exchanges.

5. The majority of exchange terminals do not appear to be optimized for different screen sizes and are rarely optimized for mobiles or tablets.

6. We have found that the majority of trading robots or other AI solutions currently available on the market are not reliable and often lack a user-friendly interface.

7. There does not seem to be a universal and reliable software solution for creating personal algorithmic trading robots and testing them on historical trading data.

8. As far as we are aware, there is no single platform, exchange or marketplace that allows for the creation, buying, and selling of algorithmic trading robots for the cryptocurrency market.

9. We believe there is no universal trader rating system or ledger of successful cryptocurrency traders with mechanisms to enable users to follow selected traders and/or trading strategies.

10. In our opinion, linear trading strategies quickly lose their relevance and require constant improvement. A self-learning system would therefore be required for the most efficient trading.
Depending on the result of the token sale, we will seek to implement the following features onto the platform:

- Pre-set CryptoRobots for algorithmic trading
- Robot Constructor Platform with an intuitive user interface for the creation and testing of trading strategies on the historical trading data
- Robot Marketplace selling robots created by traders in Robot Constructor Platform
- Trader Rankings based on trader yield curve
- Auto-follow Trader, allowing traders to automatically replicate successful trader transactions executed as a smart contract (Ethereum blockchain)

Furthermore, the user generated data will present another advantage – a big data advantage. Historical trades, current trades, tests, volume and variety of algorithmic trading strategies, and other interactions can be capable of being collated, validated, integrated, enriched and then used for multiple purposes: ratings and analytics, backtesting of trading robots, and ultimately the delivery of Machine Learning and AI in CryptoRobotic trading robots. In furtherance of this goal and in setting the foundation for our platform, CryptoRobotics will aim to deploy a globally distributed cloud database to allow for global real-time access and low ping rate.
Market volume

In December 2017 (citing online reports) 13.3 million users were registered on Coinbase, a crypto exchange based in San Francisco, California. Coinbase accounts for less than 3% of the total cryptocurrency trading market².

A significant number of traders keep funds on cryptocurrency exchanges despite the risks, with the rest holding currency in a variety of online and offline wallets.

It was reported at the end of 2017, that there will be 5.8 to 11.5 million unique wallets for cryptocurrencies worldwide³.

By January 2018 more than 200 cryptocurrency exchanges have been created worldwide, each with its own trader database⁴. There is continual growth of the market with more than 100,000 users joining cryptocurrency exchanges every day (reported by cointelegraph.com).

A service coin.dance estimates the usage statistics of devices types among the participants in the bitcoin community:

- Desktop (67%)
- Tablet (5%)
- Smartphone (28%)

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³ https://2bitcoins.ru/bolshe-5-millionov-koshelkov-kembridzh/
Extensive market research has been undertaken to assess the current offering in the cryptocurrency marketplace. We found that existing solutions have, in our opinion, a well-built structure, good usability, and rich basic functionality.

From our research it seems that the existing terminals are, in the main, constructed around the premise of delivering a cross-crypto exchange solution. However, we found in practice, that not all solutions had cross-crypto exchange functionality or mechanisms in place, nor did any terminals that we examined showcase or deliver plans around algorithmic trading.
Conclusion: we believe that existing cryptocurrency trading terminals give traders the ability to trade on different crypto exchanges in one window without constant authorization but are seemingly limited to "manual mode" with large service fees attached.

Review. Trading robots for cryptocurrency exchanges

<table>
<thead>
<tr>
<th>Name</th>
<th>Website link</th>
<th>Price</th>
<th>Languages</th>
<th>Number of robots</th>
<th>Robot’s embedding</th>
<th>Robots constructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>CryptoRobotics</td>
<td><a href="http://CryptoRobotics.io/">http://CryptoRobotics.io/</a></td>
<td>From $90</td>
<td>English, Russian, Japanese</td>
<td>3</td>
<td>In already existing platform</td>
<td>+</td>
</tr>
<tr>
<td>StockSharp</td>
<td><a href="http://stocksharp.ru">http://stocksharp.ru</a></td>
<td>From $100</td>
<td>English, Russian</td>
<td>1</td>
<td>Installed in platforms</td>
<td>- *</td>
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<tr>
<td>Cryptorg (торговый бот)</td>
<td><a href="https://cryptorg.net/ru">https://cryptorg.net/ru</a></td>
<td>$100</td>
<td>English, Russian</td>
<td>1</td>
<td>Installed in stock exchanges</td>
<td>-</td>
</tr>
</tbody>
</table>

*there is a constructor, but only for developers, not for users who are traders.

The trading robots’ development market for cryptocurrency exchanges have, in our view, a number of active players who have created working products for algorithmic trading, and we believe these robots can be installed into various terminals and crypto exchanges. However, currently, as far as we are aware, the trading robots can only be installed in desktop terminals, which significantly limits the number of integrations. Further difficulties are faced during the actual integration of the trading algorithm and the desktop terminal.

Presently, on the basis of our research, there seems to be no universal platform that allows traders to codify, buy and sell complex algorithmic trading strategies that can be installed into various terminals and crypto exchanges. Given the pace of change within the cryptocurrency market, we believe there is a pressing need for such a platform to give traders the ability to realize their strategies much like the App Store allowed independent developers to realize their software development capabilities in the mobile sector.
4. INTRODUCTION TO THE PRODUCT

4.1. Cross-platform desktop trading terminal for cryptocurrency exchanges

CryptoRobotics will be a free, cross-platform, trading terminal for cryptocurrency exchanges.

We believe our advantages will include:

- Free terminal;
- Desktop terminal with built-in solutions for algorithmic trading;
- Cross-exchange terminal with integrations to 30+ cryptocurrency exchanges, supporting one-click API switching;
- Cross-platform solution for all types of devices: Windows, Mac OS, iOS and Android;
- Includes all the standard technical analysis and trade instruments that can be found in similar stock market terminals (Quik, Metatrader, etc);
- General Stops: Stop Loss, Take Profit, Trailing Stop, Trailing Profit.

4.2. System’s robots

A trading robot is a system capable of independently monitoring trading indicators with the capability of executing a decision on a transaction based on one or several of the aforementioned indicators and selected desired criteria. As a result, the trading robot will effectively substitute the trader by taking over all the necessary functions of a successful trader.

We believe that by embedding complex trading algorithms into trading robots, they can become complete trading systems within themselves; utilising technical and statistical analysis methods, executing algorithms for buying and selling, deploying sets of protective tactics, all through the adherence to risk management rules in money management systems. However, the trading strategy of each trading robot does not and cannot guarantee trading results.
4.3. Back testing

Traders will be able to test and trial any robot using historical data in any cryptocurrency and on any crypto exchange before purchasing. We believe that the back testing by CryptoRobotics will be a unique product feature that will seek to provide traders with access to historical data and an intuitive testing environment to assess the profitability of the trades performed by the trading robot. Following this assessment, the trader will then be able to decide to purchase the trading robot and, if necessary, improve its trading system by identifying key indicators and making the appropriate adjustments.

Backtesting by CryptoRobotics will seek to provide traders with the following trading metrics:

- Profit to Loss Ratio
- Total Profit and Total loss for the selected period
- Ideal Trading Window
- Asset Metrics
- Volatility Metrics
- Avg Profit and Avg loss
- Profitability Ratios for the period
- Risk Metrics

4.4. DBMS

In order to effectively deliver the back-testing product feature, CryptoRobotics is aiming to create a personal database management system (DBMS) of cryptocurrencies with all their historical data attached and accessible within the CryptoRobotics terminal. The unique solution will not be limited to the CryptoRobotics terminal and will allow access to other cryptocurrency markets and platforms.
4.5. Strategies base

A trading strategy is a predetermined set of rules that a trader has developed to manage his trade. Simultaneous achievement of the set rules being met gives a signal to buy or sell a trading instrument.

In essence, a trading strategy is a decision-making model.

The CryptoRobotics terminal will seek to contain a database of trading strategies for the cryptocurrency market that will be constantly updated based on the new information recorded within the trading terminal and from the test results generated from the Robot Constructor.

4.6. Robots Constructor

It is our objective that advanced traders will be able to use the Robot Constructor, to easily codify complex algorithmic trading strategies that can be installed into various terminals and crypto exchanges. It is our aim that the Robot Constructor will not require any programming skills or knowledge for use.

The interface will be intuitive, where any trader will be able to test their trading strategies on historical data and create their own robots based on the Backtesting results.

In order to deliver this intuitive experience, the Robots Constructor will specify trading rules based on a large number of built-in conditions, indicators of technical analysis, risk control methods and other conditions.

4.7. Robots Market

Once a trading robot has been created, the trader will be able to offer it for sale in the Robot Marketplace. The trader will be able to set the cost of the robot and can sell it on the Robot Marketplace to an unlimited number of users.
The Robot Marketplace will aim to be a secure marketplace for buying and selling trading robots. Prior to purchase, traders will be able to test any trading robot on historical data using the Back-testing product feature. Purchased trading robots will then automatically appear in the trader’s robots section of the terminal.

We believe the Robots Marketplace will allow traders from all around the world to exchange current strategies, and to build on their own unique developments.

### 4.8. Traders rating

Some traders may not be ready or interested in developing their own trading robots, rather, they may wish to follow other successful traders and emulate their strategies. In order to service this type of trader, the CryptoRobotics terminal is seeking to create a ‘trader leader board’ to be readily accessible within the terminal. Only traders who wish to make their accounts public will be added to the CryptoRobotics leader boards.

Leaderboard indicators and metrics will be shown in relative terms, not actual, to mask the investment levels of successful traders who make their accounts public.

### 4.9. Auto-following

Auto-following will aim to allow traders to automatically mirror the investment strategies of the most successful crypto currency traders. Leader boards and trader ratings will enable users to assess other traders and provide them with further information on whether or not to follow a particular trader.

Only traders who wish to make their accounts public and who have demonstrated consistently high returns over a sustained period will be considered for the CryptoRobotics Auto-Following Program.
Once a trader identifies a fellow trader they would like to Auto-Follow, the traders will then be able to connect in one click and a smart contract is generated and established. This smart contract will govern the relationship where the trades are replicated. We believe this feature will help time-poor traders who have an interest in the cryptocurrency market and will also be attractive to newcomers and other professionals who wish to generate supplementary income without the mental and manual overhead. Traders will be able to disconnect from each other in one click.

4.10. Trader experience

Trader experience is a tool (window) to be installed into a trading terminal that will collate and interpret user actions, activity, and interactions.

Personal experience

At the beginning traders will be able to see the most recent actions and activity for any cryptocurrency. Over time, trend analysis will be provided:

- For example, traders will be able to see the list of actions performed within a certain period (month, year, day individually adjusted)
- Traders will be able to see trading experience for a selected coin (previous deals, best deals, etc.)

Average experience

The terminal will seek to leverage trends analysis from across the trading database to provide actionable information on selected cryptocurrencies (sales, purchases, interest, etc.) and surfaces relevant recommendations such as:

- Daily trends analysis
- Avgs, Highs, Lows, etc on selected cryptocurrencies alongside unique user stats such as % of traders who have the selected cryptocurrency in their portfolio or watch list
4.11. Artificial Intelligence in algotrading

Artificial Intelligence (“AI”) also referred to as machine intelligence (“MI”) is intelligence displayed by machines. This contrasts with the natural intelligence (“NI”) displayed by humans and other animals. In computer science, AI research is defined as the study of “intelligent agents”: any device that perceives its environment and takes actions that maximize its chance of success at some goal5.

CryptoRobotics AI is the technology that we believe will deliver intelligent self-learning non-linear algorithms for implementing maximally profitable trading strategies in cryptocurrency markets.

CryptoRobotics AI principles will be as follows:

1. Knowledge system based on machine learning and expert databases

The knowledge system is formed from 2 components:
- Machine learning - independent acquisition of knowledge by an intelligent system in the process of its work;
- Expert databases - programs that use specialized knowledge bases to obtain reliable conclusions on any problem.

2. Non-linear solution of the problems that robots face

We will aim to integrate mathematical algorithms into the algorithm trading system to calculate the effectiveness of each trader’s actions on the crypto exchange at a certain moment in time. In addition to calculations, AI includes the experience of previous operations on all available types of crypto exchanges in the world - tracking and storing historical trades with both positive and negative experiences to surface and avoid predicted future risks.

3. Extended powers to estimate the assets state

CryptoRobotics AI will make independent decisions given a set of parameters and limitations. AI robots can be coded with additional decision-making powers (including the acquisition or sale of additional assets). The AI can then adapt to the given changes and independently carries out the action.

5https://ru.wikipedia.org/wiki/%D0%98%D1%81%D0%BA%D1%83%D1%81%D1%82%D0%B2%D0%B5%D0%BD%D0%BD%D1%8B%D0%B9_%D0%B8%D0%BD%D1%82%D0%B5%D0%BB%D0%BD%D0%B5%D0%BA%D1%82
4. Independent modeling of trading strategies

AI can be used to assess the effectiveness of different strategies and make decisions given the changing state of a current strategy. All data and configurations can then be saved and stored in the Robot Constructor.

5. Taking emotion out of the equation

Artificial intelligence is based on the principles of mathematical probability, on the basis of calculations, eliminating human emotional impulses from the decision-making process.
5. TECHNICAL DESCRIPTION

CryptoRobotics is a powerful cross-crypto exchange terminal that will seek to allow users to connect simultaneously to 30+ cryptocurrency exchanges and make trading transactions in both manual and automatic modes.

Components of the project

Stage 1. Terminal (4 crypto exchanges)
Stage 2. Terminal (10 crypto exchanges) + built-in robots
Stage 3. Auto-following
Stage 4. Robots Constructor Platform + Robots Marketplace (15 crypto exchanges)
Stage 5. Trader experience (30 crypto exchanges)
Stage 6. Artificial Intelligence in algotrading

5.1. Stage 1. Terminal development

This stage will comprise the core development of the CryptoRobotics cross-crypto exchange terminal - new functionality and additions will be built on this foundation.

At stages 1 and 2 the terminal will use unique APIs to attempt to connect to the following 11 crypto exchanges:

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<td>Bittrex</td>
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<td>Poloniex</td>
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<td>Bitfinex</td>
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<td>Okex</td>
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<td>10</td>
<td>Bleutrade</td>
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<td>11</td>
<td>Waves</td>
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</table>
Connecting the user to the terminal

The trader will require the special keys provided by each crypto exchange where they are registered. There will be two keys: 1) API key and 2) Secret key issued to the trader that authenticates the connection to external systems for the remote interaction with crypto exchanges. The CryptoRobotics terminal will be an external system for the distant interaction with exchanges.

The terminal will receive data from crypto exchanges through APIs with several levels of access:

1. Public information (public access):
   - graphics;
   - quotes;
   - market depth;
   - others

2. Secure information (authentical access)
   - status of a personal account (balance of wallets);
   - all users’ order;
   - user personal data

The terminal will then receive data from the crypto exchange, and then will record the data in the CryptoRobotics database for further processing and application.

Terminal performs shared storage of data:

A remote database (DBMS) will be a database located on a remote terminal server, the DBMS stores all public data received from a crypto exchange.

Local database (LBD) will be a database created on the user’s computer and it stores private data: the user’s keys and passwords from crypto exchanges and personal wallets. Local storage adds an additional layer of security for the user, since its confidential information is stored on a personal computer and not on a remote web-server.

Using API keys in the terminal will not provide the technological ability to withdraw the user’s personal funds from the account, thereby allowing the user to safely use the terminal for work, and to enter and withdraw funds directly on a crypto exchange itself.
Terminal development is cross-platform and will be available in different software versions for Windows, Mac, Android and iOS operating systems.

5.2. Stage 2. Built-in trade robots

Stage 2 centres on the creation of 3 pre-set trading robots to connect to the terminal for automated trading.

Each robot will use its own unique trading strategy that is configured and tested on historical data. Full Back-testing of each robot will be carried out to adjust its trading strategy to the maximum revenue indicators.
The trading robot will use its own cloud server to reduce the total load on the terminal and to adequately deal with the speed of requests and ensure maximum performance.

5.3. Stage 3. Auto-following

The Auto-following function will be deployed during Stage 3, where active traders on the CryptoRobotics terminal, subject to meeting the stated performance criteria, will, only with their consent, be allowed/selected to make their trading account public (or will create a PAMM account), allowing other traders to auto-follow the public account and repeat the trading operations automatically.

Traders who wish to make their accounts public will appear in leaderboards and rating tables within the terminal. Ratings will be public, showing the financial success of each trading account (the percentage of successful and unsuccessful trading operations but not their balances).

The ratings will detail the success of each account in relative terms (in %), where traders can select the most successful accounts and auto-follow as appropriate.
CryptoRobotics will use the **Ethereum blockchain** system to create a smart contract between the public account and the trading account that has selected the auto-follow feature. This smart contract will allow for secure interaction between the trader and the data store on the block chain network, preserving the confidentiality around the data transfer that occurs between the participants while increasing the overall security level.

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5.4. Stage 4. Robots constructor and robots market

At this stage, the powerful Robot Constructor with a user-friendly visual interface will become available for traders to create, buy and sell their own trading robots. The Robot Constructor will enable traders to codify their trading strategies without any programming knowledge and then monetize what they have created through the Robot Marketplace.
The visual Robot Constructor will be based on a block model where robots are created by putting together different functional modules from finished blocks that contain pre-programmed algorithms.

After studying the functionality of each block, selected blocks will then be added to the workspace and connected together to create a chain of commands, rules, and actions that will be executed when the assembled trading robot is launched.

Traders will be able to test the effectiveness of the created robot on historical data (Back-testing). There will be no restrictions around the number of changes that can be made to the trading robot configuration. After saving the robot in the system it can be used for trading on crypto exchanges via the CryptoRobotics terminal.

Simultaneously, traders will be able to release the trading robots they have created to the Robot Marketplace. Any robot created in the Robot Constructor can be sold in the Robots Marketplace to other users.
5.5. Stage 5. Trader experience

Stage 5 will centre on developing and deploying an intelligent analytical assistant for traders that will surface trading opportunities, whilst providing up-to-date information, historical and system analytics, tooltips and other data that the Trader Experience (TE) assistant collects. Data would be processed in real time and delivered to the trader through the terminal window.

Sources of data collection for Trader Experience assistant:

1. Online Public data - Websites and resources that provide public information on cryptocurrencies, their capitalization and other data.
2. API crypto exchanges - TE requests data from crypto exchanges to obtain up-to-date information on quotes, sales volumes and all trading operations for analysis.
3. User generated data – Including trading history, behaviour modelling, and anonymous analytical and statistical evaluations of open operations of other terminal users.
5.6. Stage 6. Artificial intelligence in algotrading

CryptoRobotics has a number of key aims and objectives around the provision and delivery of its Artificial intelligence operations – including the following tasks and objectives:

• A self-learning system development
• A data acquisition and ingestion framework that can support multiple data formats and large data volumes in real time
• A robust data validation process to eliminate errors
• Creation of non-linear algorithms to tackle spectrum of trader configuration requests
• Robust feedback loop to support variety of trading strategies that exceed base functionality of trading robots
• Machine Learning support of Back-testing to allow for the creation of new strategies
• Any other task suggested by AI
6. PRACTICAL USE

Products’ target audiences:

<table>
<thead>
<tr>
<th>Product</th>
<th>Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross-platform desktop trading terminal for cryptocurrency exchanges</td>
<td>traders</td>
</tr>
<tr>
<td>System’s robots</td>
<td>traders</td>
</tr>
<tr>
<td>Arbitrage robot</td>
<td>hedge funds and venture funds</td>
</tr>
<tr>
<td>Robots constructor</td>
<td>traders</td>
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<tr>
<td>Robots market</td>
<td>traders</td>
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<tr>
<td>Traders rating</td>
<td>traders</td>
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</tbody>
</table>

Once the cryptocurrency market establishes the brokerage institute, brokers are to become one of the most active users of the terminal.
7. ROADMAP

7.1. Roadmap of development

1. Terminal
   1.1. System core
   1.2. Windows
   1.3. MacOS
   1.4. iOS
   1.5. Android
2. Robots
   2.1. Basket robot
   2.2. Robot-scalper
   2.3. Arbitrage robot
3. Robots constructor and robots market
4. Auto-following
5. Trader experience (Rita)
6. Artificial Intelligence in algotrading

<table>
<thead>
<tr>
<th>Date</th>
<th>April 2018</th>
<th>May 2018</th>
<th>June 2018</th>
<th>August 2018</th>
<th>September 2018</th>
<th>October 2018</th>
<th>November 2018</th>
<th>December 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development</td>
<td>Terminal:</td>
<td>Terminal:</td>
<td>Terminal:</td>
<td>Auto-</td>
<td>Robots</td>
<td>Demo-</td>
<td>Release</td>
<td>Demo-</td>
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<tr>
<td></td>
<td>core and</td>
<td>Mac OS</td>
<td>iOS version</td>
<td>followin</td>
<td>Constructor</td>
<td>version of</td>
<td>of Trader</td>
<td>version of</td>
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<td>Windows</td>
<td>version.</td>
<td>and Android</td>
<td>g</td>
<td>and Robots</td>
<td>Trader</td>
<td>experience</td>
<td>robots on</td>
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<td>version</td>
<td>System's</td>
<td>version.</td>
<td></td>
<td>Market</td>
<td>experience</td>
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<td>Artificial</td>
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<td>robots</td>
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</table>

7.2. Roadmap of the project

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Event</td>
<td>ICO</td>
<td>Floatation</td>
<td>Auto-</td>
<td>Robots</td>
<td>Demo-</td>
<td>Release</td>
<td>Demo-</td>
<td>Release</td>
</tr>
<tr>
<td></td>
<td>accomplish</td>
<td>to stock</td>
<td>following</td>
<td>Constructor and</td>
<td>version of</td>
<td>of Trader</td>
<td>version of</td>
<td>of robots on</td>
</tr>
<tr>
<td></td>
<td>ment</td>
<td>exchange</td>
<td></td>
<td>Robots Market</td>
<td>Trader</td>
<td>experience</td>
<td>robots on</td>
<td>Artificial</td>
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</tr>
</tbody>
</table>
8. ROBO-TOKENS

Token issue: 120 000 000. One-time issue, additional emission is not provided.

The tokens are made according to the ERC-20 standard.

Tokens for sale: 57 600 000.

CryptoRobotics will burn the tokens undistributed during the tokensale.

1 token price = 0.00015 ETH

8.1. Token-sale

The token sale will be conducted through our website and is subject to the terms of conditions. Each contributor must register and undergo KYC verification in accordance with Gibraltar law. All contributions must be received in Ether (ETH), it is the only currency which we accept. The soft cap is 1000 ETH and our hard cap is 7848 ETH. If the soft cap is not reached, the ETH will be distributed back to contributors. Once the hard cap is reached our smart-contract will close and we will not accept any additional contribution.
8.2. Pre-ICO и ICO

<table>
<thead>
<tr>
<th></th>
<th>% of issue</th>
<th>Number of tokens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-ICO</td>
<td>8 %</td>
<td>9 600 000</td>
</tr>
<tr>
<td>ICO</td>
<td>40 %</td>
<td>48 000 000</td>
</tr>
</tbody>
</table>

Dates of realization

<table>
<thead>
<tr>
<th></th>
<th>Start Pre-ICO</th>
<th>Finish Pre-ICO</th>
<th>Start ICO</th>
<th>Finish ICO</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 March 2018</td>
<td></td>
<td>16 April 2018</td>
<td></td>
<td>20 May 2018</td>
</tr>
<tr>
<td>20 May 2018</td>
<td></td>
<td>20 June 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Special offers

<table>
<thead>
<tr>
<th></th>
<th>Discount for investor</th>
<th>Number of tokens for sale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-ICO (from 20 ETH investments)</td>
<td>30 %</td>
<td>9 600 000</td>
</tr>
<tr>
<td>ICO Stage 1</td>
<td>15 %</td>
<td>4 800 000</td>
</tr>
<tr>
<td>ICO Stage 2</td>
<td>10 %</td>
<td>9 600 000</td>
</tr>
<tr>
<td>ICO Stage 3</td>
<td>5 %</td>
<td>14 400 000</td>
</tr>
<tr>
<td>ICO Stage 4</td>
<td>Without discount</td>
<td>19 200 000</td>
</tr>
</tbody>
</table>

8.3. ICO income distribution

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>% from amount</td>
<td>20 %</td>
<td>30 %</td>
<td>50 %</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing</td>
<td>50 %</td>
<td>40 %</td>
<td>30 %</td>
</tr>
<tr>
<td>Development team</td>
<td>30 %</td>
<td>40 %</td>
<td>50 %</td>
</tr>
<tr>
<td>Product Research</td>
<td>15 %</td>
<td>15 %</td>
<td>15 %</td>
</tr>
<tr>
<td>Legal &amp; Administration</td>
<td>5 %</td>
<td>5 %</td>
<td>5 %</td>
</tr>
</tbody>
</table>

![Chart showing income distribution]
8.4. ROBO-tokens use

Only ROBO-tokens will be accepted for payment for CryptoRobotics terminal products. Payments are fulfilled through a private profile of an investor / user and on the Robots Marketplace.

Once ROBO-tokens have floated to the market, all the tokens distributed during Pre-ICO and ICO-tokens (except frozen ones) can be traded on crypto exchanges where the Token is traded.
9. CRYPTO ROBOTICS TEAM

Mukhtov Ilnur, CEO

Ilnur is a serial entrepreneur, operating in IT, Hospitality, Entertainment, and Marketing. Starting as a financial management consultant to a number of technology and production companies, Ilnur went on to trade in the stock market (shares, futures, options) for over 10 years and is an expert in developing trading strategies and algotrading. Most recently, Ilnur started AEON capital fund as cofounder, before launching one of the first cafes in Russia to accept bitcoin payments.

Ivan Scherbakov, Chief Advisor

Ivan is a practicing cryptocurrency investor and infopreneur, as well as member of the Eurasian Council for Small and Medium Business in Blockchain. As a cryptocurrency expert, and owner of several successful businesses, Ivan created the “Cryptocurrencies in 12 hours” course which now has more than 1,000 graduates worldwide.

Konstantin Denisenko, Team Leader

Konstantin is a specialist in delivering complex High Load projects and has developed automation systems for financial institutions, tour operators, and catering establishments. Konstantin is a co-owner of the Business Liner digital agency, managing developers from more than 10 countries to deliver IT projects globally.
Igor Mescheryakov, Backend developer

Igor is an experienced programmer, and cross-functional specialist in backend and frontend development. Igor specialises in the development of complex High Load projects and has developed software products for stock exchanges as well as trading robots. As an experienced trader, Igor is professionally engaged in algotrading and won the largest developers’ tournament "Hackaton" in St. Petersburg in 2017.

Alina Sattarova, Head of Marketing and Business Development

Alina is a marketing, sales and business development specialist with over 10 years’ experience in the IT, Telecommunications, Hospitality, Entertainment, and Fitness markets. As a tenured Project Manager, and co-owner of MCM GROUP marketing agency, Alina brings product and marketing expertise to IT projects, ensuring delivery from concept to execution with oversight of implementation processes and sales strategies.

Darya Sukhorukova, Marketing Manager

Darya is an experienced marketing specialist with expertise in organizing and executing large business events in new industries including blockchain, AI, and IoT. As a tenured IT technical analyst, Darya has participated in infrastructure development projects working to apply new technology into real world situations.

New developers, advisors, specialists in product development, marketing and technical support are joining our team every week. For further information please visit our website - cryptorobotics.io
The CryptoRobotics platform is owned and operated by MSM Group LLC, a legal entity duly organised and existing under the laws of the Russian Federation with tax identification number 1658161471 and with registered office at 102 – 2 Serova st., Kazan, Russia.

CryptoRobotic Limited is a private company limited by shares and incorporated in Gibraltar in accordance with the Companies Act 2014 and with registration number 117385.

We have chosen to establish in Gibraltar given our understanding that the jurisdiction is crypto-friendly.

On the 1st January 2018 the distributed ledger technology (DLT) framework came into effect. This means that firms in Gibraltar, that use DLT to store or transmit value belonging to others, now have to apply for a licence from the Gibraltar Financial Services Commission. Gibraltar is the first jurisdiction to introduce a DLT regulatory framework. Whilst this does not apply to ICOs, we understand that Her Majesty’s Government of Gibraltar intends on publishing complementary Regulations for ICOs in the very near future. We are of the view that better governance will help token sales to continue to gain traction as an important funding model and we are therefore delighted to have established in Gibraltar.

The Directors:

Ivan Scherbakov, Director

Ivan is a practicing cryptocurrency investor and infopreneur, as well as member of the Eurasian Council for Small and Medium Business in Blockchain. As a cryptocurrency expert, and owner of several successful businesses, Ivan created the “Cryptocurrencies in 12 hours” course which now has more than 1,000 graduates worldwide.

The function of the Directors is to be responsible for the activities of the Company and to oversee the Company’s activities on a day to day basis.

The Directors shall exercise their powers in accordance with the Company’s articles of association (the “Articles”) and their fiduciary duties to the Company.

The Directors are vested with all powers to perform all acts necessary or useful to manage and control the business of the Company and the development of the platform.

\(^6\)The ROBO tokens will be functional on the platform notwithstanding the fact that the platform is owned and operated by MSM Group LLC.
The Directors shall hold office until they resign or are disqualified in accordance with the Company’s Articles. Subject to the provisions of the Articles, the Directors shall have power, at any time, to appoint any person to be a Director either to fill a casual vacancy or as an addition to the existing Directors.

Tokens of Founders (30%, 36,000,000 ROBO-tokens) and Development teams (3%, 3,600,000 ROBO-tokens) are frozen:
- 50% of tokens (19,800,000 ROBO-tokens) - for 6 months;
- 50% of tokens (19,800,000 ROBO-tokens) - for 12 months.

To ensure unanticipated needs and possible losses CryptoRobotics allocates 9% (10,800,000 ROBO-tokens) to Guarantee Fund. The Guarantee Fund will be used in cases when Cryptorobotics faces unexpected expenses which have not been covered by our financial model.
11. FOLLOW US

<table>
<thead>
<tr>
<th>Platform</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BitcoinTalk</td>
<td><a href="https://bitcointalk.org">https://bitcointalk.org</a></td>
</tr>
<tr>
<td>Twitter</td>
<td><a href="https://twitter.com/cryptorobotics">https://twitter.com/cryptorobotics</a></td>
</tr>
<tr>
<td>Medium</td>
<td><a href="https://medium.com/@cryptorobotics.io">https://medium.com/@cryptorobotics.io</a></td>
</tr>
<tr>
<td>Slack</td>
<td><a href="https://cryptoroboticsio.slack.com">https://cryptoroboticsio.slack.com</a></td>
</tr>
<tr>
<td>Telegram-channel</td>
<td><a href="https://t.me/Cryptorobotics">https://t.me/Cryptorobotics</a></td>
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<tr>
<td>Facebook</td>
<td><a href="https://www.facebook.com/groups/378114272653455/">https://www.facebook.com/groups/378114272653455/</a></td>
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<td>YouTube</td>
<td><a href="https://www.youtube.com/channel/UCIvpJ36PC4S2XuD--dUaFFQ">https://www.youtube.com/channel/UCIvpJ36PC4S2XuD--dUaFFQ</a></td>
</tr>
<tr>
<td>Instagram</td>
<td><a href="https://www.instagram.com/cryptorobitics/">https://www.instagram.com/cryptorobitics/</a></td>
</tr>
<tr>
<td>Reddit</td>
<td><a href="https://www.reddit.com/user/Cryptorobotics/">https://www.reddit.com/user/Cryptorobotics/</a></td>
</tr>
<tr>
<td>GitHub</td>
<td><a href="https://github.com/RitaCrypto">https://github.com/RitaCrypto</a></td>
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</tbody>
</table>
This section on risk factors is not and does not purport to be a complete enumeration or explanation of the risks involved with the purchase of ROBO-Tokens. There may be additional material risks that the directors do not currently consider to be material or of which the directors are not aware. The following therefore highlights certain risks to which the company is subject to and which the company wishes to encourage purchaser to discuss with their own professional advisors.

Prospective ROBO purchasers should conduct such independent investigation and analysis regarding this company, the ROBO and all other relevant market and economic factors as they deem appropriate to fully evaluate the merits and risk of their purchase.

The company and its directors disclaim any responsibility to advise purchasers of ROBO of the risk and considerations associated with the purchase of ROBO as they exist at the date hereof or from time to time hereinafter.

Each prospective purchaser of any ROBO must determine, based on his/her own independent review and such professional advice (including, without limitation, tax, accounting, credit, legal and regulatory advice) as it deems appropriate, that the purchase of ROBO is appropriate and suitable for it, notwithstanding the clear and substantial risks inherent with the purchase of ROBO.

You should consult with your own legal, regulatory, tax, business, investment, financial and accounting professional advisors to the extent that you deem it necessary, and make your own decisions including decisions regarding the suitability of this purchase based upon your own judgement and upon advice from such professional advisors as you deem necessary and not upon any view expressed by any party mentioned in this Whitepaper.

The purchaser of a ROBO should be capable of evaluating the merits and risks of such a purchase and should have sufficient resources to be able to bear any losses (which may be equal to the whole purchased amount) that may result from such a purchase. Prospective purchasers of ROBO should be aware that the value of ROBO may go down as well as up and that they may not be able realise their purchase amount on the secondary market (if there is any).
Forward looking statements

Certain statements in this whitepaper constitute “forward looking statements” that are used on the beliefs of the Directors and reflect their current expectations. When used in this whitepaper or in any of the Company’s material, the words “estimate”, “project”, “believe”, “anticipate”, “intend”, “expect”, “plan”, “predict”, “may”, “should”, “would”, “will”, “is”, the negative of these words or such other variations thereon or comparable terminology are intended to identify forward-looking statements. Such statements reflect the views of the Directors at the time the statements are made with respect to future events based on information available at that time, and are subject to risks and uncertainties that could cause actual results to differ materially from those contemplated in those forward-looking statements. The Directors assume no obligation to update or revise these statements to reflect current information, events, or circumstances, including changes in any risks or uncertainties that may impact them.

Management Risk

If any of the directors or officers of the Company cease to participate in the operation of the Company, the operations, objectives and activities of the Company may be adversely affected.

The Company indemnifies the Board of Directors against all claims by any parties which may be made against them in connection with his director duties so long as any loss or liability arose from acts performed in good faith and not involving gross negligence, wilful default, breach of duty or breach of trust respectively.

Liquidity of CryptoRobotics Limited

As at the date of this whitepaper, there is no active secondary market for the ROBO. Whilst the Directors hope that the success of the Company will lead to a secondary market developing, there is no guarantee or assurance that a public market will ever develop. There is often no assurance that a purchaser of the ROBO will be able to sell or dispose of the ROBO.

Under certain trading conditions it may be difficult or impossible for a purchaser to sell his tokens. This may occur for example at times of rapid price movements and when trading is suspended by a relevant exchange. In these circumstances it may be impossible for the purchaser to sell his tokens.

Crypto currencies are extremely volatile and therefore the price could dramatically increase or decrease without any prior notice. purchasing crypto currencies is extremely high risk.
Changes in Applicable Law and Regulation

The Directors believe that it is possible that emergency intervention by certain Governments may take place in the future in respect of ICOs. Such intervention may be implemented on an “emergency” basis, subjecting market participants without notice to a set of regulations which in some cases may be unclear in scope and in application.

Should any relevant laws or regulations change, the legal requirements to which the Company and the ROBO may be subject could differ materially from current requirements. No assurance can be given that future legislation, administrative rulings or court decisions will not adversely affect the Company and the ROBO.

The Company may be subject to a number of unusual risks, including contradictory legislation, incomplete, unclear and changing laws, ignorance or breaches of regulations on the part of other market participants, lack of established or effective avenues for legal redress, lack of standard practices and confidentiality customs characteristic of developed markets and lack of enforcement of existing regulations.

Early Stage Companies

The Company is a start-up and has no operating history against which purchasers of the ROBO may consider the appropriateness of purchasing the ROBO.

Many risks and uncertainties affect start-up and early stage companies, which often have very limited operating history, profits or cash flow. There can be no assurance of the success of such enterprises. Their potential must be considered in light of the problems, expenses, difficulties, complications and delays frequently encountered in connection with new or developing businesses, including technology risks, unproven business models, untested plans, uncertain market acceptance, competition and lack of revenues and financing.

The technological fields and markets that many start-up and early stage companies have undergone and address are expected to continue and to undergo rapid and significant change. Rapid technological developments may result in the technology of companies becoming obsolete, uneconomical or uncompetitive before any commercial success or financial return can be achieved. Numerous other risks may affect developing companies and ventures, including risks that products or services will be found to be ineffective, unreliable, unsafe or uncompetitive and risks that such companies' technologies, products or service will not achieve market acceptance or penetration. Market acceptance of new products, services or technologies depends on many factors and uncertainties and cannot be assured.
Start-up and early stage companies may compete with entities that have established businesses, relationships and positions in the market and that have much more substantial financial, business, technological, marketing and distribution assets, operations and resources. There can be no assurance that any developing company will be able to compete successfully with more established companies.

These companies may be overly dependent on the vision, skill and leadership of a single or limited number of executives. In a start-up business, the loss or disability of a key person(s) can result in significant financial hardship, in some cases the failure of the company. More than other businesses, start-ups are highly dependent on the skills and contributions of very few key employees.

Any projections, forecasts, plans or other forward-looking statements are subject to numerous risks, uncertainties, changing circumstances and other factors that could cause actual results, performance, plans, prospects, operations and opportunities to differ materially from any forward-looking statements, including competition, inability to identify and do business with appropriate customers, existing and future law and regulations, liabilities under the securities laws, inability to hire, retain or qualify sufficient management and staff, general economic conditions, rapid technological change, cost overruns, delays in bringing products or services to market, marketing failures, difficulty in penetrating markets, delays or failures in developing anticipated capabilities, products or services, failure to obtain necessary regulatory approvals, insufficient funding, lack of availability of capital, rates of economic growth, levels of consumer and business spending, conditions in the technology and financial industries, dependence on strategic partners and business relationships, unproven business models, adverse developments affecting customers and end-users, fluctuations in securities markets and valuations, limited marketing, expansion risks, losses and costs, uncertain revenues and profitability, conditions in particular industries, accounting problems, costs, delays and liabilities arising from legal proceedings, failure to obtain and maintain intellectual property or proprietary rights and management failures.

Gibraltar

Gibraltar is a British Overseas Territory. It is part of the EU, having joined the European Economic Community with the United Kingdom in 1973 by virtue of Article 355(3) (ex Article 299(4)) which applies the treaty to "the European territories for whose external relations a Member State is responsible", a provision which in practice only applies to Gibraltar.
The UK voted to leave the EU on the 23rd June 2016. Article 50 has been triggered but no agreement has been made as to the relationship between the UK and the EU. It is not yet clear whether any agreement will include Gibraltar.

The Kingdom of Spain has not conceded its claim to sovereignty over Gibraltar. There can be no assurance or certainty as to the outcome of any future discussions on the question of Gibraltar’s sovereignty, nor of how any change of sovereignty would affect the regulation and taxation of entities incorporated or operating in or from within Gibraltar.

The above could impact on the Company’s ability to undertake business in or from within Gibraltar.

**Banking and custody arrangements**

The Company’s cash will be held by a bank. The Company acknowledges that any such deposits are not guaranteed by the bank and are exposed to losses incurred in the event of the insolvency or failure of the bank. The Company will take credit risk against any party which is holding its cash. The Company will therefore rank as a general unsecured creditor in the event of the insolvency or failure of the bank with which deposits or instruments have been placed.

**Regulatory Supervision**

The Company and the ROBO are not regulated by the Gibraltar Financial Services Commission or any other regulatory or supervisory authority. The Gibraltar Financial Services Commission does not vouch for the financial soundness of the Company, the ROBO or for the correctness of any statements made, or opinions expressed with regards to it. The GFSC may deem that the Company falls within the Financial Services (Distributed Ledger Technology) Regulations 2017.

There are significant inconsistencies among various regulators across the world, with respect to the legal status of digital currencies. Regulators are also concerned that crypto currencies may be used by criminals and terrorist organisations. In the future, certain countries may restrict the right to acquire, own, hold, sell or use digital currencies. The Company could inadvertently receive crypto currencies that have come from illicit means. Such event could lead to the Company’s Assets being frozen.
ICO Risks

The public offering of tokens that are not securities and that do not constitute outright gifts or donations are, typically, offers of commercial products and services (which, at the time of sale, may or may not yet exist). Such tokens are sometimes referred to as utility or access tokens and the like. In circumstances where a token constitutes a product or service that does not yet exist (or is not, at the time of sale, substantially functional), it represents, in effect, no more than a hope or ambition to deliver that product or service in the future. In such cases, purchasers risk that the product or service might never be delivered and often waive any right to the return of the price paid. Purchasers may well be prepared to take that risk but it is appropriate that they be presented, in advance, with all relevant information to enable them to make an informed decision.

Investing in ICOs is inherently high risk and it is possible that that the platform will never be developed and as a consequence the value of the purchased token may be nil.

General Crypto Currency Risks

Cyber security threats are present within the realms of crypto currencies. There is a risk of loss of funds, including a total loss, should an unauthorised intrusion or theft occur within or Wallet Provider account or Exchange Provider account.

Whilst the Company has considered its cyber security, risks related to software weakness, human error, external attacks and others, continue to exist and pose a material risk to the Company.

Advances in cryptography, or technical advances such as the development of quantum computers, may present risks for crypto-currencies and may result in the theft or loss of the Company’s Assets.

Hackers or other malicious or criminal groups or organizations may attempt to interfere with the Company’s accounts, in several ways including, but not limited to, denial of service attacks, Sybil attacks, mystification, phishing, attacks, smurfing, malware attacks, or consensus-based attacks.

There may be problems which relate to the Bitcoin or Ethereum networks which may affect the normal functionality of the crypto currencies. This could lead to a significant devaluation of the ROBO Token. Any malfunction, unplanned function or unexpected operation of these networks may cause crypto currencies to lose value.
Crypto currencies and cryptographic tokens are a cutting-edge, untested technology. In addition to the risks stipulated above, there are other risks that the Company cannot predict. Risks may also occur as unanticipated combinations or as changes in the risks stipulated herein.

**Loss or destruction of private key**

Crypto currencies are stored in a digital wallet and are controllable only by the possessor of both the public key and the private key relating to the digital wallet in which the bitcoins are held, both of which are unique. If the private key is lost, destroyed or otherwise compromised, the Company may be unable to access the crypto currencies held in the related digital wallet which will essentially be lost. If the private key is acquired by a third party, then this third party may be able to gain access to the crypto currency.

**Other cyber-security risks including malicious activity**

Trading platforms and third-party service providers may be vulnerable to hacking or other malicious activities. Recent examples include Bitfinex and BitPay. Also, if one or more malicious actor(s) obtain control of sufficient consensus nodes on the network or other means of alteration, then a blockchain may be altered. While the network is decentralized, there is increasing evidence of concentration by creating of “mining pools” and other techniques, which may increase the risk that one or several actors could control the network or other similar blockchain. Such scenario could significantly impact on the Company.

**Risks associated with peer-to-peer transactions**

Digital currencies can be traded on numerous online platforms, through third party service providers and as peer-to-peer transactions between parties. Many marketplaces simply bring together counterparties without providing any clearing or intermediary services and without being regulated. In such a case, all risks (such as double-selling) remain between the parties directly involved in the transaction. Such a scenario could significantly impact on the Company.
Counterparty Risks

Digital currency trading platforms, largely unregulated and providing only limited transparency with respect to their operations, have come under increasing scrutiny due to cases of fraud, business failure or security breaches, where investors could not be compensated for losses suffered. Furthermore, as unregulated businesses, they generally do not have minimum capital requirements that other traditional financial services entities have and therefore if they were to become insolvent there is a risk that the purchaser would not be able to sell his tokens.

Certain assets of the Company will be exposed to the credit risk of the counterparties with which, or the dealers, brokers and exchanges through which, the Company deals, whether they engage in exchange-traded or off-exchange transactions. The Company may be subject to risk of loss of its assets on deposit with an exchange in the event of the exchange bankruptcy, the bankruptcy of the exchange or similar event. Similarly, the Company may be subject to risk of loss of its assets held by a bank in the event of the bankruptcy of the bank. In the case of any such bankruptcy, the Company might recover, even in respect of property specifically traceable to the Company, only a pro rata share of all property available for distribution to all of the exchange’s and bank’s customers. Such an amount may be less than the amounts owed to the Company. Such events would have an adverse effect on the Company.

Any such failure or refusal, whether due to insolvency, bankruptcy or other causes, could subject the Company to substantial losses.

The Company may have credit exposure to one or more counterparties. To the extent that a counterparty defaults on its obligation and the Company is delayed or prevented from exercising its rights, it may result in loss to the Company. Such risks will increase where the Company uses only a limited number of counterparties. The Company may, in certain circumstances, be fully subject to the default of a counterparty.

Loss of confidence in digital currencies

Crypto currencies are part of a new and rapidly evolving “digital assets industry”, which itself is subject to a high degree of uncertainty. For a relatively small use of digital currencies in the retail and commercial marketplace, online platforms have generated a large trading activity by speculators seeking to profit from the short-term or long-term holding of digital currencies. Most crypto currencies
are not backed by a central bank, a national or international organization, or assets or other credit, and their value is strictly determined by the value that market participants place on them through their transactions, which means that loss of confidence may bring about a collapse of trading activities and an abrupt drop in value. This would significantly impact on the Company.

**Slow-down of network**

The ‘mining’ is the process by which some crypto currencies are created and transactions verified. Through downloading a specific software, the user’s computer becomes a “node” that validates blocks (i.e. details of some or all of the most recent transactions). Miners which are successful in adding a block to the Blockchain are automatically awarded additional crypto currencies (plus transaction fees for transactions recorded). However, if the rewards for solving blocks and transaction fees are not sufficiently high, or if a high volume of transactions occur at the same time, the blockchain may experience a slow-down. A slow-down is also possible for when the number of transactions on the blockchain is very high. This could negatively impact the Company.

**Dilution due to competition or “fork” in the Blockchain**

Crypto currencies are, generally, based on protocols which govern the peer-to-peer interactions between various users. Dissent between users as to protocols to be used may result in a “fork”. Such a fork process could negatively impact the Company.

**Cybersecurity**

Cybersecurity threats are present within the realms of cryptocurrencies. There is a risk of loss of funds, including a total loss, should an unauthorised intrusion or theft occur.

Whilst the Company has considered its cybersecurity, risks related to software weakness, human error, external attacks and others, continue to exist and pose a material risk to the Company and the value of the ROBO.

**Ethereum Network**

The ROBO is a part of the Ethereum network. If problems related to the Ethereum network normal functionality arise, this may affect the ROBO functionality and may adversely affect the Company and the value of the ROBO.
PROSPECTIVE INVESTORS ARE WHOLLY RESPONSIBLE FOR ENSURING THAT ALL ASPECTS OF THIS PPM ARE ACCEPTABLE TO THEM. AN INVESTMENT INTO THE COMPANY INVOLVES SPECIAL RISKS THAT COULD LEAD TO A LOSS OF ALL OR A SUBSTANTIAL PORTION OF THE PURCHASE AMOUNT. AN INVESTMENT IN THE COMPANY SHOULD BE CONSIDERED SPECULATIVE IN NATURE AND IT INVOLVES A HIGH DEGREE OF RISK. YOU SHOULD ONLY INVEST INTO THE COMPANY IF YOU CAN AFFORD A COMPLETE LOSS. UNLESS YOU FULLY UNDERSTAND AND ACCEPT THE NATURE OF THE COMPANY AND THE POTENTIAL RISKS YOU SHOULD NOT INVEST INTO THE COMPANY.

THE FOREGOING RISK FACTORS DO NOT CONSTITUTE OR PURPORT TO BE A COMPLETE EXPLANATION OF THE RISKS INVOLVED WITH THE COMPANY AND THE ROBO. POTENTIAL PURCHASERS SHOULD READ THE ENTIRE WHITEPAPER AND THE TERMS AND CONDITIONS AND CONSULT THEIR OWN ADVISORS BEFORE PURCHASING ROBO.
A trading robot is a system that is able to independently monitor required indicators and, on the basis of one or several conditions, make a decision on the transaction. Thus, a robot can almost completely replace the user in the trade taking over all the necessary functions of a successful trader.

User robots are robots created by users of CryptoRobotics terminal in the Robots Constructor.

Robots constructor is a tool for creating trading strategies for CryptoRobotics terminal users who do not have programming knowledge with the ability to monetize the created strategy.

Robots market is a website where CryptoRobotics terminal users are able to sell and buy trading robots.

Algotrading is a transaction on an exchange executed with the assistance of trading robots that perform more accurate mathematical calculations than a trader.

Backtesting is the testing of trading strategies, and involves the testing of robots on the historical data from within the CryptoRobotics DBMS to ascertain the effectiveness of a selected strategy prior to the execution of the strategy on a particular the cryptocurrency exchange.

Trader experience (Rita) is a virtual assistant developed by the CryptoRobotics team.

CryptoRobotics Artificial Intelligence is the technology delivering intelligent self-learning non-linear algorithms for implementing maximally profitable trading strategies in cryptocurrency markets.
See you!

Very soon I will:

- demonstrate our latest releases;
- introduce our team and advisors;
- inform you about our floatation to the stock exchange;
- and share our help manual before explaining how to work with our terminal in detail

We would be delighted to meet you and answer any questions you may have at the various events and trades shows that we will be attending throughout the year.

Best regards,

Rita, CryptoRobotics virtual assistant.

P.S. Haven’t seen our Video yet? Click here to watch.