WHITEPAPER

ICO 2018

tronbotix

monitoring your business now!

Index

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1. Foreword

In the last years the digital change has drawn attention in our society. The modification of processes has shown strong influence towards organizations process development and innovation management.

Main actors of the digital change are corporate organizations, scientists, individuals and partially public authorities.

The technology, specifically the information system technology, is responsible for the transformation so that everything is getting faster, smaller and more intelligent.

In the last years following four key words were maintained, became well known and are currently responsible for the creation of a huge hype:

Cloud

The provision of memory capacity, computing power and software provided by third party. One gets permanent access on data without being worried where and how those are secured. This fact accompanies us in our daily routine.

Artificial Intelligence

Automation and support of various functions and processes which enhance our ability and beyond that our human thinking in order to improve the private and the business sector.

Blockchain

A decentralized managed book keeping technology where participants are active in the book keeping, transactions and computing power without supervision by any central regulation or third authority.

Crypto Currencies

The realization of a digital currency, generated through cryptography, which is controlled and can be transferred worldwide.

The idea of crypto currencies is the independent operation from any government and central banks.

The current digital market economy gains benefits by using the innovation „blockchain technology". There are various range of applications and can be implemented in any line of business.

The blockchain technology can be compared with the revolutionized internet. The world wide web, the mobile web, the cloud computing provides a secure, fast, easy and convenient exchange of information within the global economy.

The society has adapted to the technologies in their private and commercial life completely so that a lost off is seems impossible. Finally, the internet is an enrichment and has shown positive development.

In the commercial area the internet discloses also few negative characteristics. The digital age allows cybercrime in the economical exchange of information.

Faked identities, hacked accounts, or any kind of other fake news can be misused and become an internet weapon.

As a result, the assurance on the internet technology is affected, a breach of confidence is created. Tronbotix ICO pics up the demand for reliability, unites the tronbotix software together with the blockchain technology and generates the „confidence (reliability?) protocol".

The blockchain technology offers a chance to provide a global solution for security, transparency and decentralization.

The main focus is set on the possibility to participate in the global economy. Tronbotix blockchain will provide each user with a digital identity and trustworthiness and open the doors to global financial services.

A further technical advancement is presented in the crypto currencies. The difference between the crypto currency and the FIAT currency is the security, the speeding up, the impairment or the misuse by single actors like central banks, public authorities, corporates or organizations, who are able to compromise or manipulate currencies. Tronbotix will provide crypto currency BOTIX -TNX (TNXSP1) to its community.

Especially start ups are eager to establish themselves and differ from other competitors. Cost cutting might be necessary by increasing the factor of success in the same time. The technological change saves costs for individual participants and provides autonomy from third parties. Crypto currencies enable to execute transactions in record time without being linked to third parties.

The required assurance is given by intelligent contracts, the smart contracts.

Tronbotix is an injection of fresh innovative energy and individually adaptable. Strategic planning and risk management are important factors in order to achieve future based success. The change in the modern era facilitate new area of application, such as the artificial intelligence.

History was written but the future is more important in which the success will be achieved.

The inspiration and ideas should be valuable for the society.

2. Introduction

The commercial digitalization started in the 90ties.
The exchange of information reached just 1%. Both the usability and speed of data exchange were optimized continuously.
The digitalization and the internet have improved and revolutionised the method of operations and processes.
Especially in the economy the digitalization has opened new opportunities to raise huge growth. Young organizations faces huge challenges in order to establish funtional and organized business.
The number of small and medium sized companies is growing. Ideas are available however the implementation fails.
Many components and levels in an organization need a consolidated instance in order to provide guidance and direction. Necessary enhancements are required in following corporate divisions: Human resources management (human resources planning, recruitment and personnel development planning), controlling, IT (communications technology, hardware, software, network), production and cost theory, production planning, MRP 2 (Manufacturing Resource Planning), OPT (Optimized Production Technology) and CIM-concept (Computer Integrated Manufacturing), lean production and management as well the management accounting (balance sheets, profit and loss statement, cost accounting, annual balance sheet).

Additionally, internal audit is responsible to observe the implementation of internal policies and procedures. Following scope is covered:

Financial audit (Observation of the financial and management accounting)
Operational audit (Control and organization of communication and information systems)

Management audit (Observation of the management performance based on the set targets)

Startups face following challenges:
1. Saving of time
2. Human resources management/ corporate reorganization
3. Cost calculation and cost reduction
4. Data accumulation and management
5. Project planning and control
6. Strategic branding
7. High costs caused by data management

Corporates are concerned with following questions:

1. Which measures implemented could increase the competitiveness?
2. How a long term growth can be achieved? Performance enhancement?
3. How the stake holders expectation can be satisfied?
4. How cost reduction can be implemented in various divisions?

All beginning is hard and here tronbotix comes into the game.
Tronbotix enables the operation of compact, fast and easy processes

All processes are covered such like economic, marketing, analysis, controlling, data processing and administrative processes. Tronbotix addresses more important resources like time, money, security, and realization in order to achieve the goal of saving and implementation.

The single modules are united and implemented in a functional way. Tronbotix will organize the corporate. Corporate targets will be focused on as the success sets the goal.

2. tronbotix

2.1. Problem definition

In order to achieve goals in the business numerous activities are connected logical to business process.

The business processes in a corporation are dependent on different levels, technical resources and the know-how of single actors. A solution is missing to present and execute the business processes easily, transparent, cost effective, secure, timesaving, decentralized and productive.

Plenty of software providers offer their products only for particular platforms (operating systems).
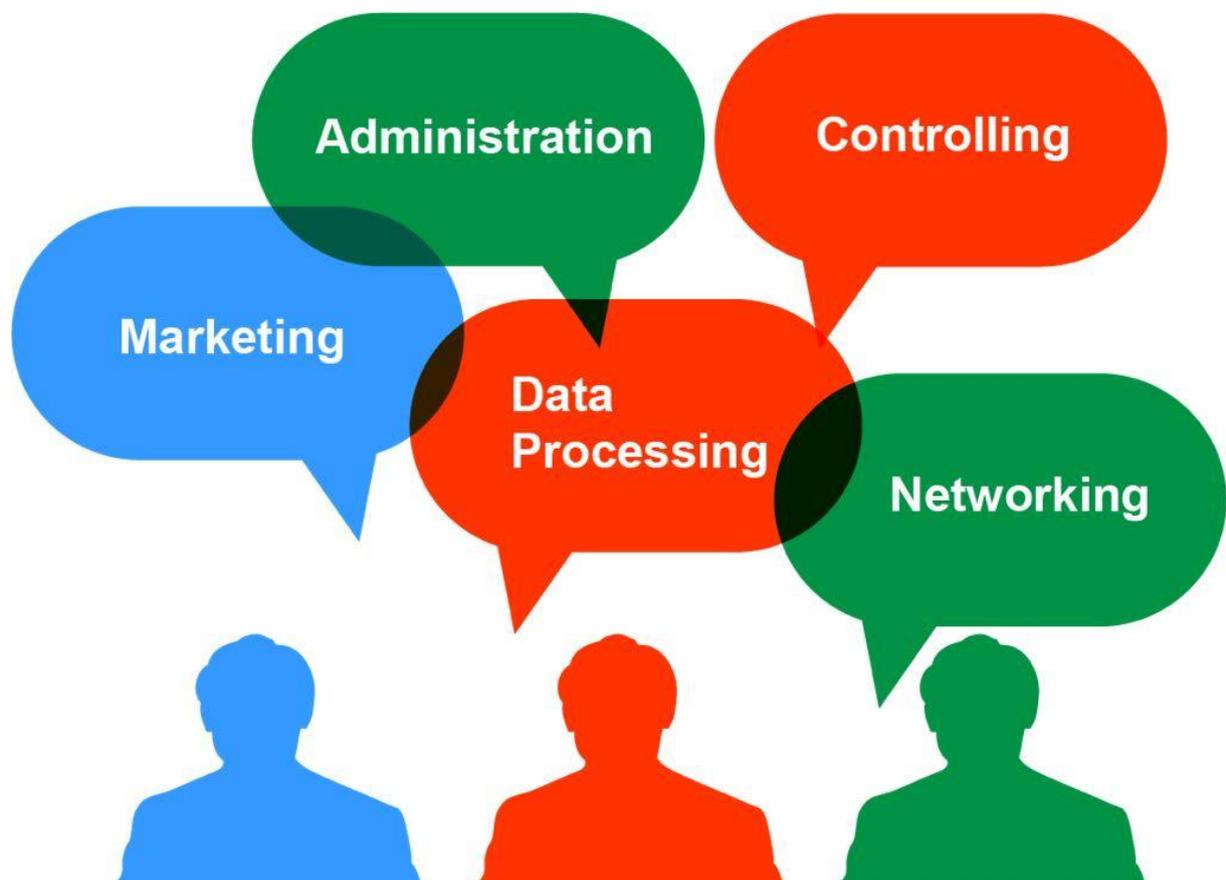
Most of the products are not responsive. They do not adapt to the end devices but need currently in almost all case an additional software.

In the next step high costs are generated for organizations to acquire hardware, software and licenses. Mostly the software is not upgradeable or is limited to certain branches.

Following business processes require a target oriented lead in order to support the management of a corporation:

- Human Resource Management

- Marketing

- Administration

- Controlling

- Information system management (communication technology, hardware, software, network)

- Production planning

- Financial audit (Observation of the financial and management accounting)

- Operational audit (Control and organization of communication and information systems)

- Management audit (Observation of the management performance based on the set targets)

- and much more

A solution is missing to organize the business processes easily, transparent, cost effective, secure, timesaving and decentralized in order to achieve goals.

A solution would be to receive all from one source? „All in one"?!

Tronbotix based on the blockchain technology provides an „All in one" solution.

2.2. Vision

- Development and provision of software and hardware for business process optimization

- The solution should be decentralized, smart, secure, outcome oriented, extendible, independent from platforms, cost effective and be executable on all operating systems and end devices.

- To link, steer and organize all business level by implementing a core software.

- Various administration systems used for license purchases and bearing organizing problems will be replaced by one single administration software.

- Creation of a community where a decentralized exchange of business and information can take place and which can be transformed into a „digital decentralized autonomous organization".

- Establishing a crypto currency as a financial payment instrument in order to provide monetary advantages for the tronbotix community.

Detailed presentation of the vision

Innovative technology combined with the revolutionised vision results in tronbotix, which is the new basic module of a transparent and decentralized economy. Tronbotix´s vision is to present a software offering solutions for the whole corporate management. The software based on the blockchain technology is secure, transparent and unites a social community. Expensive servers are out of date, history, as tronbotix can be purchased with the Bot Box. This mini server is handy, extremely energy-efficient and secure. A further innovation is the tronbotix business phone. The offices in future will be compact, secure and changeable.

The tronbotix community has the facility to exchange information and offer services through the tronbotix trade center. Certainly, private users can integrate themselves into the tronbotix community. The selling process is managed by the smart services. In order to provide a safe and homogeneous payment model the crypto currency Botix will be introduced.

The vision, to create a decentralized administration, to connect a community, to trigger mobility and to save time and money, is going to revolutionize all business processes.

2.3. This is tronbotix

The project tronbotix was presented in 2012 by the developer Ioannis Balasis. In 2016 the B&B IT Marketing LLC (Limited Liability Company) was established. Since then tronbotix is a part of B&B IT Marketing LLC.

Through qualified developers it is possible to introduce an application which respond to the advantages of corporations.

The multicultural team of tronbotix ICO is composed of experts with long lasting professional experience gained in big corporations of the finance an IT area.

Process optimization begins in the own company. The B&B IT Marketing LLC use their own applications in order to control and reduce costs and risks.

Savings have been evidenced especially in the time management which resulted in turnover increase. Time savings were invested in further process optimization which led to more efficient production. We stand for quality assurance and strategic optimization.

Tronbotix provides software and hardware solutions in order to map, operate and advance business processes and transactions.

The merger of the problem solving software, the extremely energy-efficient server and the revolutionary decentralized achievement took place in 2017.

The blockchain technology offers the ideal fundament for the tronbotix software. Tronbotix should support the users in the area of licenses, servers, end devices and software to receive monetary savings. In the same time users obtain autonomous control and assurance on their data and transactions.

Tronbotix can be implemented as „software and hardware solution" or simply as „software solution". Following are an excerpt of the functions: Finance, business, legal, tax, marketing, monitoring, controlling, content management, security, data management and encryption.

The software is user friendly, extendible, customized and operates on any end device and operating system.

The systems are based on the blockchain technology, the artificial intelligence, the web technology and the enhancements and adaptation of both the software and hardware.

The primary objective is the analyses of the characteristic features in order to seek for process and transaction optimization and to provide new and modified „smart solutions" adapted to users requirements.

The system is decentralized and mobile and can be operated and applied from any location.

Security, encryption and data integrity, data protection and backup methods are few of the most important system factors.

2.4. Target group

The target group consists of individuals, small and medium-sized corporations.

There is high demand of individuals and small and medium-sized corporations to improve their skills. The basic principle to identify the target group, as part of the target group definition (relevant characteristics are considered), shows that demographic and age restriction are not required nor stipulated in the market segmentation. It makes no difference if tronbotix software is used by individuals or implemented by corporations for process optimization.

The tronbotix´s slogan „monitoring your business now" is addressed to young & old people as well as to private and business users, who desire and demand for their skill enhancement in order to reach their goal fast and cost-effective.

Tronbotix is aligned globally and enables the access to the world economy. Financial advantages are in the focus. Everyone should have the possibility to save and earn money using the tronbotix software.

Blockchain and cryptocurrencies allow the regulation and management of finances("smart transaction optimization system") in a decentralized and secure way so that all age groups are part of it.

The cryptocurrency BOTIX should be introduced worldwide in order to execute decentralized, transparent and secure financial transactions.

2.5. Community the "tronbotix trade center"

Tronbotix trade center is a trading platform with a reward function. The tronbotix community gets the opportunity to buy and sell services. The Botix coin serves as trading currency. Smart services guarantee transparency and security. This trading platform allow private user to participate in the economic life.

The reward functionality refers to passive and active mining. The active mining includes the interaction of single members within the tronbotix trade center. Mining will be explained in the course of this document.

The tronbotix trade center is an economical social media platform. The web page has an own login including numerous functionalities. The user area is created individually and facilitate everyone to place a logo or profile picture. Keywords can be added in order to support the search engine optimization. The contact dates are secure and invisible. All client data are saved on the tronbotix blockchain so that data security is assured.

The amount of the owned cryptocurrency BOTIX is displayed in the area income and expenses. A wallet will be encrypted in blockchain and linked to the tronbotix trade center in future.

Smart services will operate as secure contracts for utilized services. These services are classified in various categories. Whether graphics, texts, mobile phone contracts or insurances, all services are purchased and offered with the trading currency BOTIX.

A further important tool is the chat function which allows a worldwide communication.

The tronbotix trade center enables each person globally to use economic advantages. A digital identity, secured by the blockchain technology, smart services and a matured cryptocurrency including an own blockchain will revolutionize the cooperation worldwide.

Modules of the tronbotix trade center:

- Blockchain technology
- Smart contracts
- Transparenz
- Secure and decentralized
- Marketing support
- Social services
- Financial advantages

3. Smart Blockchain technology tronbotix

3.1. Blockchain

The blockchain technology is established as a decentralized managed bank book. Numerous participants are involved in the decentralized processing of the blockchain book keeping concept. Future transactions are based on prior performed transactions and guarantees the correctness of the data by verifying and proving the accuracy at the same time.

The blockchain is a continuing list of blocks including data sets. By using the hash algorithm, which is implemented as an one way encryption the data sets are interlinked. The previous block, the time stamp and the transaction data are merged to a logical block.

The principle of the cryptographical chaining and decentralized managed booking keeping establishes the basis for the crypto currencies. By implementing this method, it is impossible to manipulate or cancel data from previous transactions. One of the well-known blockchain system is the crypto currency Bitcoin.

Tronbotix is divided in two layers, the application and the implementation layer.

In the application layer main factors covered are user friendliness, easy appliance, fast transactions and numerous users. In the implementation layer essential parameters are such like 24 hours availability, managing the risk of fraud, data integrity, data security and the encryption of all transactions and processes.

The advantages of the tronbotix blockchain are mirrored in the following subdivisions:

- High computing power generated by uniting of all participants by the "peer to peer" and "clustering" systems

- Cost reduction provided by the shared system does not influence the overall system in case participants are exchanged or fall out completely

- The ability of growth without any restriction created by the combination of the computing power provided by the participants

- High system reliability exists, as the overall system is not influenced by the fall out or exchange of the participants which results in no "single point of failure"

-The security, the assurance, the integrity, the allocation and identification of transactions, processes, data, identities and of the property in the distributed system allows no manipulation caused by malicious peers and technical malfunction

- The exclusion of the "double spending problems" created through falsification, duplication, dispossession of the property or systems integrity violation

The blockchain polymorphism combined with the artificial intelligence is brand new concept which is created and introduced by tronbotix.
(see 3.7. Blockchain polymorphism)

3.2. Smart Services

By implementing the TNXSP1 "tronbotix network exchange secure protocol 1" within the tronbotix system smart services are proposed and performed. These services are established on the basis of an explicit logic and the verification on the basis of crypto graphical protocols and various other digital security measures.

The basic principle is integrated in the smart contracts which are offered and provided by the Ethereum platform for transactions.

In this point of time contracts between two or more knots, partially or completely, are executed autonomously while providing high reliability.

Neither intermediaries nor central servers are required to provide or execute smart services. No transaction fees or other costs are generated.

3.3. Artificial intelligence

The activation of the artificial intelligence end of 2019 is going to have major positive effect.

In the last years the artificial intelligence is more and more integrated and part of our society. This is visible in the private as well in the business sector. The AI is used in various areas and supports to fulfill different functions, for example smartphones and other equipment in private households.

In the industrial production, transportation, energy sector or the health care one can see the fast progress already. The data processing is far advanced in order to automate and enhance process optimization. Substantial progress is visible in the optimization of problem solutions.

The relevant concepts on which tronbotix K.I. is based are machine learning, the theory of probability, the linear algebra and the numerical calculations.

In the current practice deep learning techniques like optimization algorithm, sequence modeling, practical methodologies and feedforward networks are implemented.

In the deep learning, a form of the machine learning, computer systems are put in a position to learn out complex processes by gathering experience, to raise and process and provide the accumulated knowledge on their own without human intervention.

The new concept of tronbotix blockchain in combination with the artificial intelligence which will be developed and introduced is named as "Blockchain Polymorphy".

(see 3.7. Blockchain polymorphism)

3.4. Software

The operating system of tronbotix includes the "Ultra Codex Distribution 1 & 2" which is based on GNU/Linux Jessie 8.X und Stretch 9.X. It is generated and adapted exclusively for tronbotix.

Both versions will run parallel until end of 2019. Beginning of 2020 version 1 will be closed down and replaced by version 2.

Tronbotix includes following programming and scripting languages:

- C++

- Java

- Phyton

- Shell Script sh

- PHP 7

- jQuery

- Ajax

- Node.js

- Javascript

- SQL

- XML

- HTML5

- CSS 3

The summing up and adaption of the GNU/Linux operating system, the computer languages, further protocols and a selection of specific programs result in the ultra codex core on which the tronbotix system will be established and provided.

The primary system is the web application. In this connection the key element within the tronbotix system is the browser. Through this a platform autonomy is ensured for the end user and is executable on smartphones, tablets, laptops or desktop PC. This is assured by the principle of responsive web design where the system adapts on its own to the respective end device.

3.4.1 Module and Functionalities

Following a part of the systems modules and functionalities will be presented:

Wallet system

The tronbotix wallet system provides you a secure and reliable wallet where crypto currencies can be managed. Protect your private key, avoid unauthorized access. The wallet is available as hardware, software or as paper wallet. Regardless of tronbotix token, tronbotix coins, bitcoin or Ethereum, all crypto currencies can be administrated and transactions can be executed. The future plan is to integrate and administrate further crypto currencies.

Web Page

Develop and administrate your own web page by using the tronbotix web page tool. You can choose between different templates. Create quick and easily without any programming knowledge your own topics, images, videos, documents and forms.

Online Marketing Manager

The online marketing manager provides you an overview on all online activities. The cooperation between the artificial intelligence and diverse approach of single systems allow to offer tailor-made and automated solutions. You receive both social media marketing and search engine optimization from one single source.

Working time Manager

The working time manager allows the management of working time as well as operating hours. It makes no difference whether there are working, shift or project schedules. All can be captured, processed and made available. The complex working time planning can be analyzed and controlled in the system effectively and matched in an optimal way. The working time manager is linked to the calendar.

Project and Tasks planer

The project and tasks planer support in the quick and easy project and tasks planning, analyzing, handling and administration. Projects can be assigned and updated and the status is visible. Also, here images, videos, links, tables, code boxes and documents can be integrated, displayed and facilitated.

Email Server

Using an own email server allows to create and manage the email accounts quick and easy. The encryption methodology assures secure communication, specifically if the security and privacy are concerned. Spam and malicious software filter are integrated to protect in an optimum way. Through a particular categorization all emails can be processed automatically.

VoIP (Voice over IP)

In cooperation with VoIP providers you can create, use and manage your own telephone switchboards. Cost reduction and performance optimization are obtained. Additionally, you can use the VoIP numbers always and anywhere. VoIP combined with smartphones, tablets, pc´s and other communication systems will replace the current classical telephony in the near future completely.

Tracking and Monitoring Service

With the remote monitoring and tracking service the tracking and observation of vehicles fleet, staff, equipment or locations is possible. Protocols like Ethernet, Wi-Fi, UMTS, G4, G3 and GPRS are available, G5 is planned for the future.

Chat and Video Communication

Via the chat and video communication all devices are linked in the intranet, internet and tronbotix trade center. This allows the electronic communication from anywhere to each other. Three techniques, internet relay chat, instant messaging and web chat, are at your disposal. Complete communication is secured and protected by using encryption methodologies.

Cloud and Blockchain Storage

In the cloud and blockchain storage the data can be saved, managed and synchronized in a decentralized way. Tronbotix provides you with specific protocols for the creation of your own private cloud. This guarantees a 24/7 access always and from anywhere.

Backup Script

Our backup script provides you with a data and system backup.

Tax and Legal Manager

In the tax and legal manager our partners provide the community with relevant tax and legal information and documents.

Payroll

This functionality allows payroll processing, transmitting of electronic declarations to authorities, health insurances and other institutions. A generation and transmission of a booking list for the financial accounting, the printing and distribution of payroll slips are possible features. Our payroll managing partners can respond to any question.

Invoice Management

The invoicing module allows the creation of individually adapted invoice templates. Delivery slips, reports, tenders and letters can be generated. Die data sets can be imported directly out of the product and client database.

Annual Tax Declaration

Create annual tax, value added tax, trade income tax declarations and balance sheets with the use of the annual tax declaration tool. Tax tips, supporting texts and checklists are always available. Our partners provide support in any related question. New laws and regulations are updated immediately.

Contract Design

This module provides a comprehensive collection of contract samples which can be adapted individually to any case. The samples and the support of our partners you are on the secure side.

Team Builder

With the team builder module you can establish and manage your own complete team. You can work autonomously without being depended on time and location. Smooth communication and management results in an increase of the project productivity.

Calendar

Management of all internal and external appointments like meetings, client appointments, mile stones, tasks, working time registration, reminders and alarm are possible with this module. All entry can be displayed in a daily, weekly, monthly or yearly overview. All information can be provided publicly or private for departments, projects, single employees and groups secured through proper rights authorization.

Memorandum

Enter your memos quick and easy into the memorandum tool. The notes can be displayed hierarchic in a tree structure or as matrix structure. Additionally, directories, images, videos, links, tables, code boxes and documents can be attached. The memos can be controlled and shared according to the rights authorization.

Documents

The documentation management tool allows the quick and easy way of data file management. Files, folders and archives can be generated. Files can be processed with the drag & drop functionality. Rights management is available.

Scanner

With the scanner module documents like letters, contracts, signatures, QR codes, barcodes and invoices can be scanned, provided and managed via smartphones, tablets or scanners.

Code generator

This module facilitates the creation and administration of QR codes, Secure-QR-codes, Micro-QR-codes and barcodes for any area.

Above was an excerpt including short description of the possible tronbotix modules. At the time of the software launch around 50 modules will be available.

Through the crowdsourcing in the community all users can define and order further modules to be developed by the tronbotix team. Those will be provided to all members of the community.

3.5. Hardware

In future a cooperation with various hardware provider is planned in order to offer more fast and improved hardware which will push the maximum out of tronbotix.

The minimum hardware requirement for the system are a 1GHz CPU including 1 GB main memory and 500 MB storage capacity.

3.5.1. BOTBOX Mini Server

The current prototype of the BOTBOX mini server consists of:

ARM Cortex-A53 with 4*1.2 – 1.4 Ghz Core CPU, 1GB main memory, Ethernet, WLAN, Bluetooth and an exit for the HDMI.

For the memory storage hard disks, usb keys or micro SD memory cards can be utilized.

The communication with the BOTBOX mini server is possible with following protocols:

Bluetooth, Wi-Fi, G2, G3, G4, Fast Ethernet

For the future G5 and Gigabit- Ethernet protocols are planned.

Modules of the BOTBOX mini server

- Tronbotix Software
- Blockchain technology
- handy, mini server to go
- Energy efficient
- Fair Trade Production

3.5.2. tronbotix Business Phone

The current prototype of the business phone consists of:

Qualcomm Snapdragon 800 including 4* 2,2 Ghz Core CPU, 2 GB main memory , 4G, Wi-Fi, Bluetooth, USB-Tethering, HDMI (MHL) and 32 GB memory storage.

Modules of the tronbotix business phone:

- Tronbotix Software
- Smart Office Functionality
- Server Functionality
- Blockchain Technology
- Crypto Wallet
- Fair Trade Production

The tronbotix business phones major innovation is the utilization of the phone as server or as client workstation for the user.

3.5.3. Hardware Ledger

The hardware ledger composed of an usb key with an integrated OLED display will be designed in future. It will be implemented for each transactions verification and conformation. The ledger will be executable on Windows, Mac, Linux und Chrome OS.

The storage memory will consist of 32 GB.

The hardware ledger will also allow the administration of various crypto currencies like Bitcoin and Ethereum and many more.

Private keys and passwords are isolated and protected using encryption and pin codes methodologies.

3.6. Asymmetric crypto system and hash algorithm

Transactions and data are going to be encrypted by using the asymmetric cryptosystem, specifically the public key encryption and hash methodology.

This practice will ensure the authentication, verification, reliability, collision security, integrity and rapidity of the data and transactions of all users.

In the "tronbotix experimental laboratory" following cryptographic techniques are applied and tested: **Ed25519, ECDSA, RSA, SHA-3, RIPEMD-160, Whirlpool**

Individual cryptographic techniques as well as a combination of various techniques are executed and analysed accurately in a test environment in order to provide the best possible result, the overall technique.

The cryptographic techniques are outsourced from the information systems team to the mathematicians team where those will be administered, analysed and managed.

Once the tronbotix software is launched the decision will be taken if all cryptographic techniques will be applied partially, all in parallel or in a combination.

By implementing the cryptographic techniques and the digital fingerprint all transactions, processes and data should be identified explicitly and will not allow any manipulation.

3.7. Blockchain polymorphism

polymorphism (gr.for diversity) is a concept of the object-oriented programming.

The Blockchain Polymorphy is the new concept combining the tronbotix blockchain with the tronbotix artificial intelligence and the object-oriented development.

The tronbotix blockchain can be deployed in the single users internet and intranet with the result that particular and unique "smart blockchain systems" are generated, possessing the same core, growing with the time through divers transactions and processes and forming a new shape.

The potential diversity, polymorph of the systems and the feasible exchange of information allows the systems to compete with each other in order to generate and provide an unique system for the users.

A Blockchain can include further blockchains within its own system.

The blockchain bond within a huge blockchain is able to connect with other blockchains, exchange information and process transactions.

4. Token und Coin

4.1. Utility Token BOTIX – TNX (ERC20)

The utility token BOTIX -TNX (ERC20) is based on the Ethereum-Blockchain whose official Ethereum-Standard was developed and published by Fabian Vogelsteller and Vitalik Buterin in 2015.

ERC20 stands for " Ethereum Request for Comments" and was primarily implemented on Github. The unique ID number is "20".

The methods of smart contracts will be set tightly. On the basis of the API developers are able to issue standardized token.

Few lines of a code a "smart contract" can be handled like a crypto currency.

A standardized ERC20 smart contract can be qualified as a ERC20 token, which can be transmitted and received.

Different suggestions and proposals were discussed by the Ethereum developers and users and finally a new standard was established.

The total volume of the "Utility Token Botix – TNX" is set at 500.000.000, which is fixed and cannot be increased further.

Example: A minimum viable token, Ethereum EVM ERC20, solidity

```solidity
pragma solidity ^0.4.20;

contract MyToken {
    /* This creates an array with all balances */
    mapping (address => uint256) public balanceOf;

    /* Initializes contract with initial supply tokens to the creator of the contract */
    function MyToken(
        uint256 initialSupply
        ) public {
        balanceOf[msg.sender] = initialSupply;              // Give the creator all initial
tokens
    }

    /* Send coins */
    function transfer(address _to, uint256 _value) public returns (bool success) {
        require(balanceOf[msg.sender] >= _value);           // Check if the sender has
enough
        require(balanceOf[_to] + _value >= balanceOf[_to]); // Check for overflows
        balanceOf[msg.sender] -= _value;                    // Subtract from the sender
```

```
            balanceOf[_to] += _value;                    // Add the same to the recipient
            return true;
        }
}
```

4.2. Utility Coin BOTIX – TNX (TNXSP1)

The own blockchain developed in future will be published and named as TNXSP1-"tronbotix network exchange secure protocol 1".

It should be possible to convert the obsolete ERC20 token in a ratio 1:1 to receive new crypto currency, tronbotix coin -tnx (TNXSP1).   Due to this exchange all token holders will be rewarded with additionally 10% bonus.

The community should decide if the Utility Token BOTIX - TNX (ERC20) is going to exist parallel to the tronbotix coin or deactivated by the time.

The total volume of the Utility Coin BOTIX - TNX will be 6.900.000.000.

500.000.000 (7,25 %) are available immedaitly as thy are in accordance with the "Utility Token Botix – TNX".

The tronbotix team will hold 1,45% of the total volume "Utility Coin BOTIX – TNX" and 20% of the total volume of the "Utility Token BOTIX – TNX" .

Further coins can only be generated by the community using the active and passive mining through the "tronbotix trade center"

The tronbotix run machine is a double of the EVM, Ethereum Virtual Machine.

The **TNXSP1 blockchain** protocol includes the **TRONBOTIX RUN MACHINE,** which is the language and the virtual engine of tronbotix. The virtual engine can be used with following programming languages: C++, Java, Python und PHP. **TRONBOTIX RUN MACHINE** is written in C++.

The user has the choice to use his blockchain system with all four languages, with simply one or a combination of languages.

Example set up of the tronbotix service object:

"TRONBOTIX MINIMAL SERVICE"

OBJ_TNX {

/* tronbotix Objekt Schlüssel */

TNX_ID   =
b3fc96e579262e24bb2397cea98d49268a2798ba53766aea41803294136d4f22;

/* tronbotix Blockchain Schlüssel */

BC_ID   =
33e2d9e2e8f6f501a98288434663883a60b0b2580258eb78084c551d6446b6e7

/* Aktueller Zeitstempel */

TIME_ID   **=**   1328618073;

// Service Name

NAME   =   tronbotix;

TYP   =   Currency;

}

The minimum set up consists of following parts:

TNX_ID   = Transaction ID

BC_ID   = Blockchain ID

TIME_ID   = Timestamp

NAME   = Name of service

In the beginning the type can be a blockchain, crypto currency, contract, service or a description.

OBJ_ID :

TNXID	BCID	TIMEID	NAME
045a9d7e0754c41943a41a590d970fa5d27d0dea5e053598b46760038863a			

Out of the four objects OBJ_TNX parts an unambiguous object ID (OBJ_ID) will be generated.

This OBJ_ID is an unique and unambiguous object ID within the tronbotix eco system.

4.3. Actives und passives Mining

Further "Utility Coin BOTIX – TNX" can be generated by using active and passive mining.

During the active mining TNX coins are generated by the community using the tronbotix trade center after passing through all transactions and processes.

In the passive mining the TNX coins are generated according to the computing power and storage capacity.

Both types of mining are based on a logic established by tronbotix.

Different duties assigned to the members of the tronbotix trade center allows further TNX coins generation.

The assigned responsibilities cover services, which can be executed by each member and result in positive effects for the tronbotix community.

4.4. Token (ERC20) and Coin (TNXSP1) Forecast

The tronbotix software and hardware are the most important factors for the economic success of the token.

The token and coins have a high growth potential as BOTIX represents one of the four tronbotix basic elements. Smart services can only be offered and processed by using the tronbotix tokens and coins.
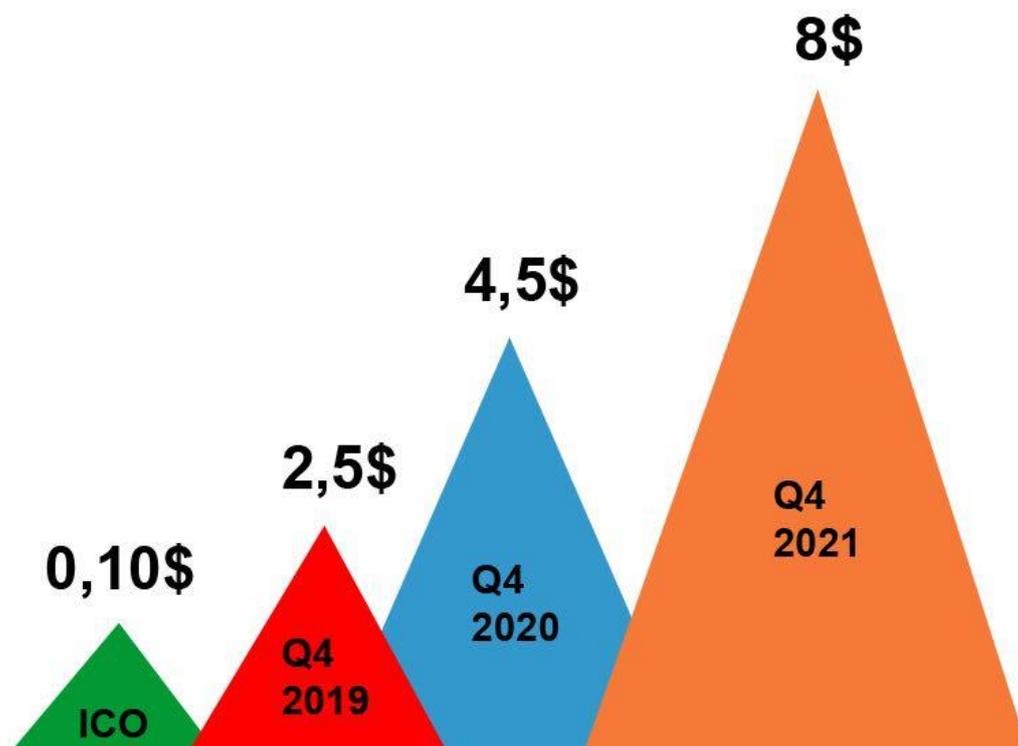
4.5. Token distribution

The tronbotix team will hold overall 0,725% of the "Utility Coin BOTIX – TNX" total volume and 10% of the "Utility Token BOTIX – TNX" total volume.

The tronbotix stakeholders, investors and partners, will hold overall 0,725% of the "Utility Coin BOTIX – TNX" total volume and 10% of the "Utility Token BOTIX – TNX" total volume.

The tronbotix community will hold overall 98,55% of the "Utility Coin BOTIX – TNX" total volume and 80% of the "Utility Token BOTIX – TNX" total volume. In the tronbotixs logic an extreme centralization will not be possible. Pump & dump
schemes cannot be initiated. Thus, a price manipulation will not be possible at any time.

Remaining tokens out of the ICO phase selected startups will be supported.

4.6. Resource Distribution

The resource distribution is allocated to tax and legal, management and controlling, marketing and development departments. A major part will be taken by the area development and marketing.
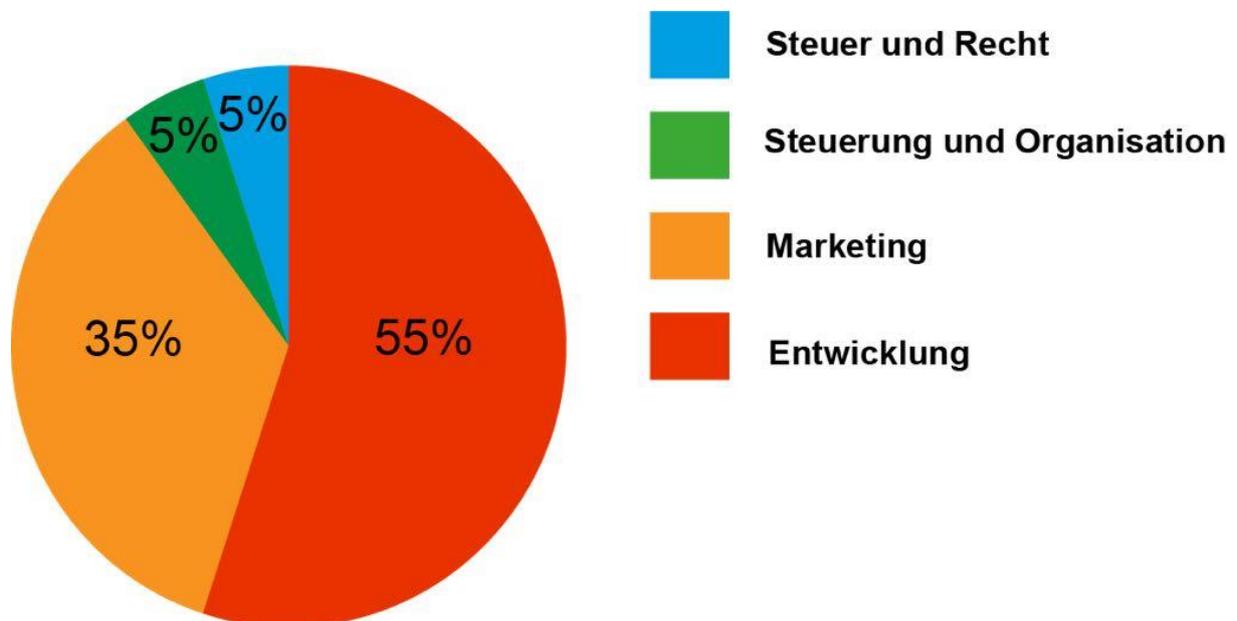
5. Implementation and Initiation

5.1. Implementation

In the productive Beta- version 170 **"tronbotix points alive"** selected beta tester will start the operation.

The beta tester will be a selection of private people, corporates and tronbotix team members.

Out this 120 will be activated as software node connected with commercial hardware and a commercial composition of software and the respective core operating system.

30 testers will function as software & hardware node using modified commercial hardware and an adapted debian operating system „tronbotix UC" in combination with the UltraCodex core „the core"

20 selected testers will operate as software and hardware node with an own modified hardware and an adapted debian operating system „tronbotix UC" in combination with the UltraCodex core „the core"

5.2. Testing phase

In the testing phase the defined software and hardware quality requirements will be evaluated, tested and measured. The conclusions obtained, supports in the identification and elimination of the software and hardware errors. This helps in starting the operation error free.

The system will be tested in full length in the following areas:

– User-friendliness

– Security

– Encryption

– Data processing

– Process and transaction handling

– Storage

– Data quality

– Reliability

– Network access

– Internal and external access

– Backup

– System and data import and export

- Bugs
- Manipulation

5.3. Critical points analysis

In the critical points analysis critical points and deficiencies related processes and process flows will be identified. Internal as well as external factors like software and hardware lacks will be analysed. It will check if various processes are executed insufficiently and or repeated. It will also be reviewed if process steps are redundant.

Forensic techniques, in the area of economic and IT forensics, should be deployed in order to identify and eliminate critical points, bugs and manipulation. Forensic experts are part of the tronbotix project team.

The crital points analysis will remain as a permanent component of the tronbotix project due to the high importance in future and the necessity to protect the tronbotix community.

5.4. Case Study

Mr. Mustermann has completed his studies and is interested in starting up an import/ export business. His idea to import tea from Indonesia and bring to the market worldwide seems not be that easy. He starts with his to do list while sitting on his chair.

„I need a lawyer, to be legally protected, a tax advisor for accurate tax payments, an insurance for damage protection.

The accounting has to be performed, the contacts with the export company in Indonesia has to be established and maintained. I need staff, an online shop, a management system. Where should I save my data? Who will create my logo? Can I be flexible, manage and control my business/company from anywhere and anytime?

Tronbotix is the solution to his questions and brings his business idea into shape. Tronbotix provides a software which manages his online shop, organizes his invoices and simplify his logistic administration. He does not require further software solutions as tronbotix offers the complete business package.

Whether insurances, bank accounts or mobile phone contracts all services are covered by the supporting partner networks.

Mr. Mustermann has purchased the mobile tronbotix server too in order to integrate himself into the tronbotix community. Additionally, to the purchasing of the Bot box he received 20 BOTIX token. Those he uses for the logo creation in the community.

Tronbotix is the best business partner for a proper business optimization and management.

5.5. System training

System trainings and further education for users will be provided through respective video tutorials which will available up-to-date.

Hereby high training and seminar costs will be omitted.

The trainings are addressed to beginners, advanced and professionals. The high quality video tutorials guarantee a fast learning success.

The tutorials are available 24/7 and can be accessed from anywhere and in offline mode. Moreover the user can decide on his learning speed.

Through the crowdsourcing in the community all user can decide on further video tutorials to be produced and provided by the community or the tronbotix team.

Certainly there will be an online support for all community members available via chat, telephone, video chat and email.

6. Data Protection

The data protection is a very important issue in the tronbotix project.

Data protection ensures the right of informal self-determination, the privacy protection and the personal rights.

Fraudulent data processing should be protected and a misuse guaranteed.

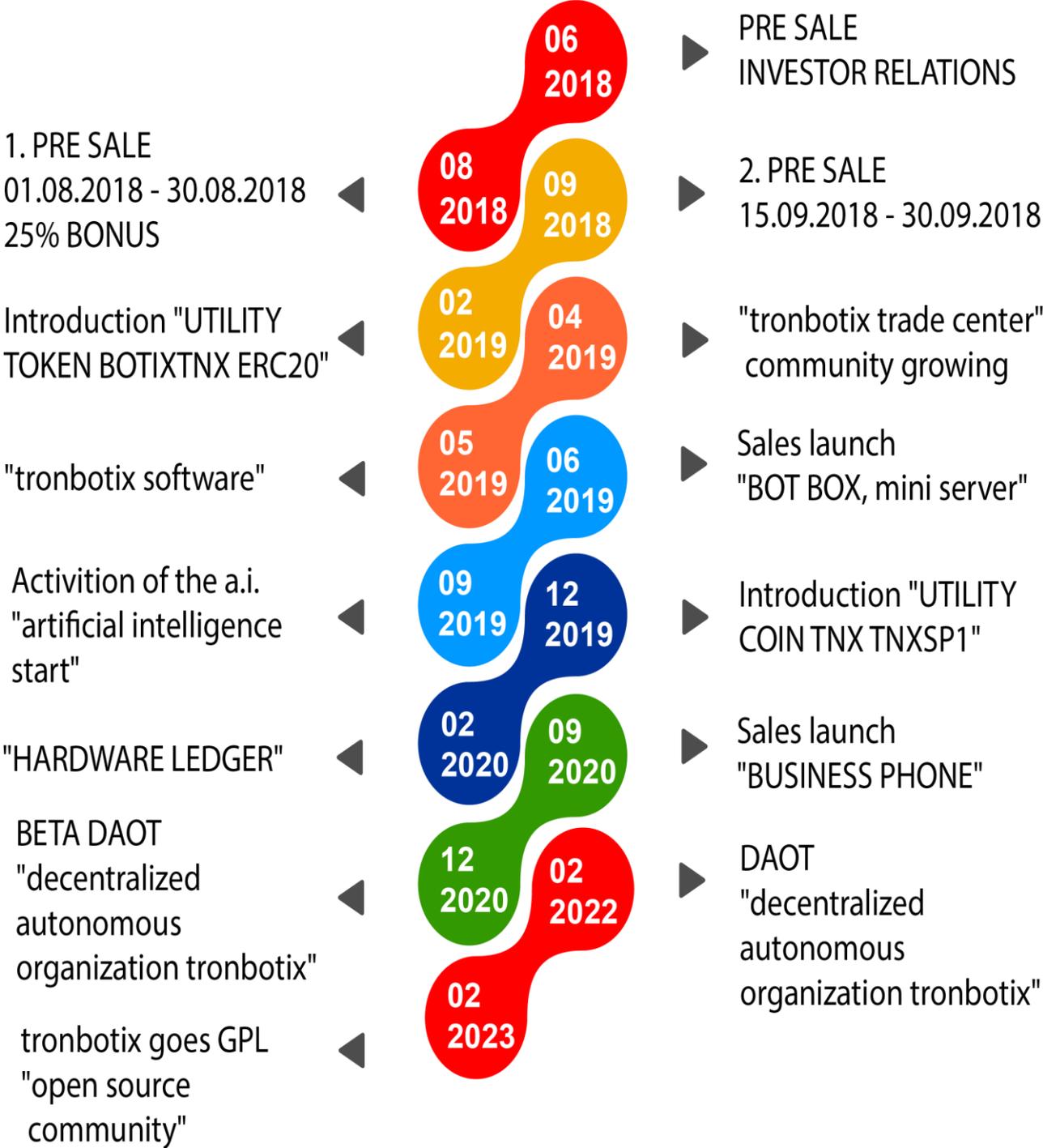Through the blockchain technology in combination with the cryptography codification the total monitoring (glass human being) will be prevented and put under conditions.

In future the value of the data protection will grow continually.

Each member of the tronbotix community should decide on their own if and which personal data is entered, processed, analysed, stored and made available to whom.

7. Roadmap

The roadmap presents the time schedule of the tronbotix projects

06 2018 ▶ PRE SALE INVESTOR RELATIONS

1. PRE SALE
01.08.2018 - 30.08.2018
25% BONUS ◀ **08 2018**

09 2018 ▶ 2. PRE SALE
15.09.2018 - 30.09.2018

Introduction "UTILITY TOKEN BOTIXTNX ERC20" ◀ **02 2019**

04 2019 ▶ "tronbotix trade center" community growing

"tronbotix software" ◀ **05 2019**

06 2019 ▶ Sales launch "BOT BOX, mini server"

Activition of the a.i. "artificial intelligence start" ◀ **09 2019**

12 2019 ▶ Introduction "UTILITY COIN TNX TNXSP1"

"HARDWARE LEDGER" ◀ **02 2020**

09 2020 ▶ Sales launch "BUSINESS PHONE"

BETA DAOT "decentralized autonomous organization tronbotix" ◀ **12 2020**

02 2022 ▶ DAOT "decentralized autonomous organization tronbotix"

tronbotix goes GPL "open source community" ◀ **02 2023**

8. Conclusion

8.1. Future

Based on an innovative technology and revolutionizing vision tronbotix is the new basic element of a transparent and decentralized economy.

Continuous project improvements should ensure that in future ongoing developments are performed in order to achieve the optimum in project technology and time matters.

8.2. Digital decentralized autonomous organization

It is planned to establish an own „Decentralized Autonomous Organization" (DAO) by the year 2022.

The idea is based on the concept DAO by Ethereum which was realized in 2016 for the first time and published under the name „The DAO".

Here all tronbotix rights and source codes will be transferred to the „Decentralized Autonomous Organization Tronbotix" (DAOT).

8.3. Open Source

All developed algorithms by tronbotix until 2022 will be provided and published as open source as of 2023. They will be available under the GNU General Public License.

One of the pioneers of the free software availability is Richard Stallman.

The most famous open source project is GNU/Linux.

9. Kontakt

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10. Weblinks

https://tronbotix.com/

https://twitter.com/tronbotix

https://t.me/tronbotixICO

https://www.youtube.com/channel/UCcXiEo9GYf7Kv5-PzpqPhHw