AICHAIN White Paper

AICHAIN FOUNDATION

JANUARY, 2018

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Executive Summary

AICHAIN is a public chain that is specially designed as a blockchain infrastructure for AI applications. AICHAIN has the advantages of blockchain technology, such as decentralization, open sourcing, tamper-proof security and anonymity, to solve the current challenges of AI such as data domination. However, different from other blockchains that are strictly constrained by data size and programming languages, AICHAIN uses technologies such as plug-in visual machines, out-of-chain storage and API, to allow for larger data sets and different programming languages. Moreover, as the ability to attract applications, users and developers remains the key challenge for all competing AI blockchain platforms, AICHAIN has gained a strong competitive advantage by building strategic partnerships with multiple AI applications teams among data suppliers, application developers, platform resource providers and consumers.

Our vision for AICHAIN is to create a platform that can facilitate the communication, cooperation and data sharing among participants by enabling data transaction, protecting data security and disrupting data concentration, therefore improving the efficiency and productivity of the AI industry and allowing everybody, not just the tech giants, to get the most out of the digitalization era.

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The background of AICHAIN

1.1 The Rise of Blockchain Technology

Blockchain is one of the mostly discussed technology today as a potential successor to the internet. The technology combines a set of existing technologies, including distributed data storage, peer-to-peer transmission, consensus mechanism and encryption algorithm, comprising a new way of data formation, transmission, storage and usage. The breakthroughs brought by blockchain technology have the potential to fundamentally change existing economic and financial modes of operation and may even lead to a new technological innovation and industrial change on a global scale.

blockchain is a tamper-proof and decentralized data structure that joins data blocks chronologically. The nature of the blockchain is a distributed ledger system. Encrypted digital assets, like Bitcoin, is the digital currency of this system. In other words, blockchain serves as the underlying technology for digital assets and for a distributed, encrypted and credible accounting and clearing system.

Blockchain technology has the following advantages:

Decentralized

Decentralization is the fundamental characteristic of a blockchain. In a traditional centralized network system, the destruction of a central node can paralyze the entire system. However, for the blockchain network, due to the use of distributed ledger and storage, there is no centralized hardware or institution, so rights and obligations of any node are equal. Therefore, data blocks in the system will be maintained and protected by all the notes in the system, and attacking a node cannot destroy the entire network.

Open Source

Blockchain adapts an open source system, which promotes communication, participation, and development. Except for the private information of transaction parties, blockchain publishes all of its data and codes, so that anyone can query blockchain

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data and the development of related applications. The entire system is highly transparent.

Tamper-proof

Once a piece of information has been verified and added to the blockchain, the information on the chain is backed up in each of the nodes in the network permanently. As a result, to tamper with the information, the only way is to attack the entire system, requiring a computation power stronger than all the combined computation power on the earth. Therefore, the data in the network is nearly impossible to tamper with.

Anonymity

In the blockchain system, although all data logging and operation updates are made public to the whole network node, the private information of the trader is handled by hash encryption, which allows anonymous data exchange for the transaction. Encryption is simply a method of conversion that converts the original information through an algorithm. The recipient of the information can decipher it by a secret key. The blockchain uses many established encryption algorithms to ensure the system is reliable and secure.

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Block chain technology, after the steam engine, electricity, information and Internet technology, has the highest potential to be the core technology that triggers a fifth revolutionary wave. Just as the steam engine freed people's productivity, electricity has solved the most basic needs of people, and information technology and the Internet have revolutionized traditional industries, such as retail, music and publications. The block chain technology has a potential to achieve decentralized digital asset transfer and to promote the transformation from the"information Internet" to the "value Internet".

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1.2 The development and the current status of AI

Artificial intelligence (AI) enables automation of some tasks that have long required human labor. These transformations will open up new opportunities for individuals, the economy, and society and unleash the next wave of digital evolution.

The enormous potential benefits of AI have already been widely accepted, and the industry has been accelerating. According to the Mckinsey report:

(1) AI can bring tangible benefits to serious adopters

Serious adopters are able to obtain real value through AI that early adopters that combine strong digital capability with proactive strategies have higher profit margins and expect the performance gap with other firms to widen in the future in the areas at least of retail, electric utilities, manufacturing, health care, and education. According to Accenture, by 2035, companies that can successfully implement AI will increase their profit by 38% on average. Besides that, AI will bring 14 trillion GVA (Gross Value Added) to 12 countries and 16 industries.

(2) Investment is growing fast

The same Mckinsey report also revealed that the investment in AI is growing at a high rate. In 2016, companies invested $26B to $39B USD in artificial intelligence globally, a number that accounts for 3 times external investment growth since 2013.

90 percent of this spent on R&D and deployment, and 10 percent on AI acquisi-tions. VC and PE financing, grants, and seed investments also grew rapidly, albeit from a small base, to a combined total of $6 billion to $9 billion.

(3) Countries have been competing on AI

US, China, Japan and European countries all have provided favorable regulations and funding support to encourage AI development. December 2017, the Ministry of Industry and Information Technology (MIIT) of China announced the “Encourage the New Generation of AI development Three Year Plan(2018-2020)”, aiming to gain the global competition in the AI technology by the year of 2020.

With world-wide enthusiasm and several technological breaks though, the future of AI industry seems to be brighter and more tangible than over.

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However, several challenges still remian until we can see its full potential:

a. Data is concentrated at the hands of a few large players

AI loves data. The more data, the better the models. However, under the current model, data is mainly collected and dominated by large players so that it is difficult for a startup team to lunch an AI project.

b. The ownership of data is unclear

As sensors are embedded in all sorts of everyday objects, from connected cars to devices across the IoT, consumer data will be generated exponentially by these devices and stored in centralized databases. However, users who helped generate the data cannot benefit from the process.

c. The quality and “trainability” of big data is in question

Big data has great potential to enhance artificial intelligence AI models by providing richer and more comprehensive data sets. However, big data itself is facing a challenge of 3Vs, namely, Variety, Velocity and Volume, leading to a noisy, messy, unstructured and difficult-to-interpret data set.

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1.3 How blockchain can improve AI

The characteristics of blockchain can overcome the challenges of AI and transform AI by:

(1) Decentralized/shared control encourages data sharing

In a public blockchain, data can be shared among different ecosystems in a global-scale ecosystem. All participants of the AI industry: consumers, developers, resource providers and data suppliers can freely exchange resources and value on a global scale and improve global efficiency. For instance, spikes in energy usage in some factories in China might be correlated with fraudulent auto parts emerging on the market a day's worth of shipping later. Overall, blockchain will facilitate the process of aggregating, sanitizing, repackaging and circulating data.

(2) Improve data quality

It leads to provenance on training/testing data & models, improving the trustworthiness of the data & models. This application addresses the fact that if you train on faulty data, then you'll get a faulty model. Likewise for testing data.Faulty input, faulty output.

The blockchain improves the credibility of the data set by utilizing game theory and by its technical structure. Moreover, as blockchain allows data to be exchanged for value easily, it incentivizes data providers to provide clean and easy to use data.

(3) Native assets/exchanges

It leads to training/testing data & models as intellectual property (IP) assets, which leads to decentralized data & model exchanges. It also gives better control for upstream usage of data.

Claiming copyright and licensing data models was possible before blockchain technology. The laws have been in place for a while. But blockchain technology makes it better, because:

- If someone has created data or a model, it will be permanently recorded in the blockchain. The creator can claim the copyright, regardless of if having the intention to commercialize it.

- With the copy right, the creator can license usage rights to others. For example, you can license your data to someone else to build their own model.

- A tamper-resistant global public registry helps the creator to protect the copy right if any disrupt occurs.

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1.4 The challenges of merging AI with blockchain

(1) Size and programming language constrains hinder AI applications

Currently, all blockchains targeting AI applications are based on the Ethereum, whose capability is limited by the size and programing language of its virtual machine. A simple application such as CryptoKitties has caused the Ethereum blockchain to crash and slow down. Therefore, although the Ethereum blockchain might be good for writing smart contracts and recording transaction history, for complicated applications such as AI, blockchain has to upgrade its design to support a larger data set and more advanced programming languages.

(2) Few AI applications have been running on current blockchains

As one key benefit of blockchains is data sharing, without sufficient AI applications on the blockchain to share their data, the value of the blockchain cannot be fully utilized. For AI developers, it's in their best interest to wait and see which blockchain attracts real AI applications before they devote their time and energy to develop an application on the blockchain. As a result, we can see that momentum in this market is a significant factor and attracting the first group of developers is considered to be most difficult. The current AI blockchains, however, still do not have initial adopters.

1.5 How AICHAIN solves the challenges

(1) AI consensus

AICHAIN use AI artificial intelligence to control the block chain by machine learning intelligent algorithm. Use AI to select the super node, this has brought the efficiency, fairness of participation, and can avoid the threat of human attack.

(2) Out-of-chain data storage

AICHAIN will store executable files and resource data outside of the blockchain and only include the description and tag of such data on the chain, therefore ensuring that sophisticated applications and large data sets can be run on the AICHAIN platform.

(3) Easy adoption

AICHAIN provides API dedicated to deploying, extracting, and enquiring application data resources, thereby allowing developers to easily connect AI applications to the AICHAIN platform and complete user identity verification,

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payment verifications and so on, without the requirement of understanding the underlying blockchain technology.

(4) Ready-to-use applications

The AICHAIN team has rich experience in AI technologies and are running multiple successful AI applications. Unlike other AI blockchain platforms that depend on external AI applications, applications run by the AICHAIN team will be the first group of applications to be run on the chain,o kickstarting the momentum and attract more applications into the platform.

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The AICHAIN platform

2.1 Overview of AICHAIN

The AICHAIN will focus on AI artificial intelligence controlling the block chain by using machine learning intelligent algorithm. This will improve the block chain performance. AICHAIN use AI to select the supernode, and get high efficiency, fairness of participation, and get rid of the threat of human factors to the threat of attack. In the application level where AI supplies new productivity, blockchain will be used to maintain production relationship. The purpose of AICHAIN is to build a Digital Asset Entitlement platform with blockchain as an underlying ledger. Under the protection of data ownership, data owners are encouraged to share data, and therefore application developers will have more data to create more valuable applications and meet the needs of all participants and the market, making the entire ecosystem richer and more robust.

The purpose of AICHAIN is to:

1 Create a benign ecosystem and encourage more people to participate in the development and implementation of AI applications;

2 Promote the development of artificial intelligence in a credible and reliable environment;

3 Turn privately generated data into more refined services for everyone.

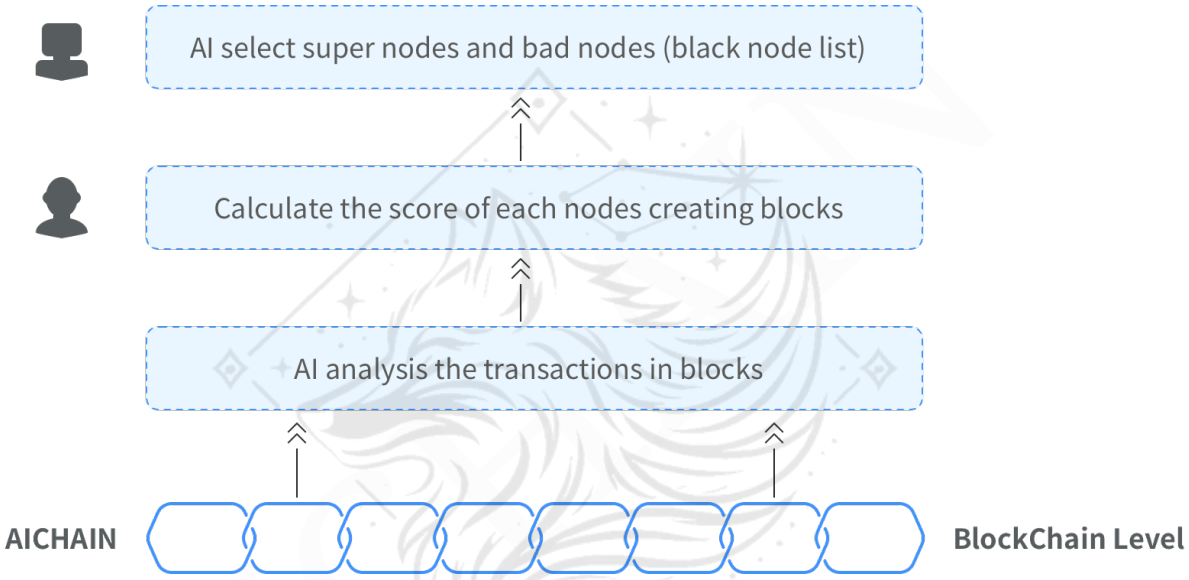
Ultimately, we hope the AICHAIN platform will transform the AI industry by redirecting the power from monopolistic companies to autonomous communities, so as to attract more people to participate inartificial intelligence and truly realize the sound ecological development of co-construction and sharing.

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2.2 The technical of AICHAIN

For low-level : AI consensus

AICHAIN uses the AI machine learning method to make statistical analysis of the historical block data to select the super nodes and adopt the common understanding mechanism of POA+POW. The process of analysis and selection is as follows:



This process is entirely the result of the work of the POW of each mining account node to select a qualified node to become a super node; and the super node itself uses the mechanism of POA to ensure the speed of block creation at a high speed to improve the speed of transaction confirmation.

1. everyone has the opportunity to participate in the mining and become a super node. As long as the POW model makes a good account contribution to other nodes, the AI robot will analyze and select the node into the super node queue.

2. when all the super nodes are all dried out and can't work, all the other nodes still have the opportunity to carry out POW mining, and in the next round, the AI robot is chosen to be a new super node and continue to work.

3. AICHAIN has the opportunity to become a super node through nodes that can automatically adapt to the network environment and have more transactions. Achieve the purpose of self adjustment and adaptation.

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For Applicaton level:

This will explain how the AICHAIN works using an example about identification of cats and dogs in pictures. For a complete understanding of the AICHAIN, you might refer to our technical yellow paper.

Suppose there are 4 main bodies (companies or individuals):

A — Companies specializing in image tagging, expecting to gain revenue by suppling the data AI needs.

B — Companies specializing in developing AI applications, expecting to gain rewards by developing AI applications.

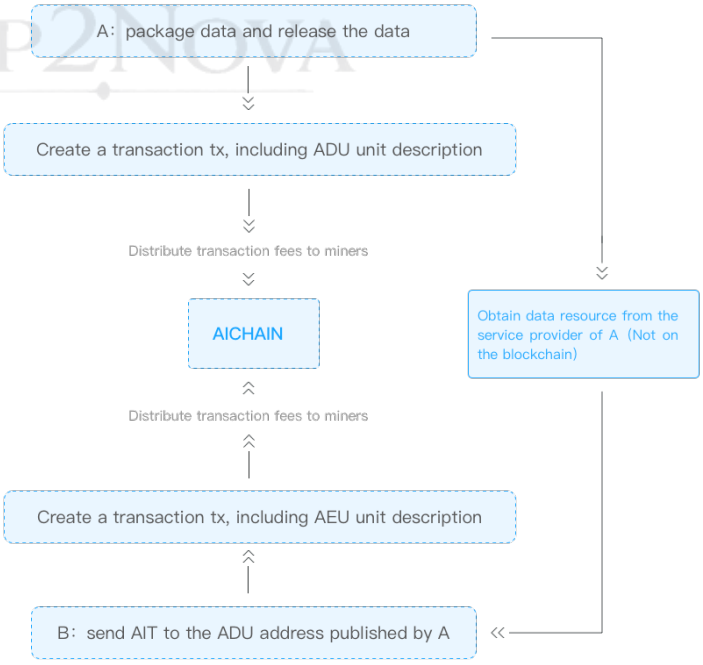
C — Companies having a lot of resources such as graphics servers, tensorflow and caffe platform operating environments, expecting to make money by renting out those resources

D — An ordinary user who has a bunch of cat and dog pictures, hoping for a tool to help him store the pictures by category.

Scenario 1: Developers need data to complete machine learning in order to develop AI applications

A: is the data provider, who owns pictures of cats and dogs, as well as the tag (cat or dog) for each picture.

B: is the consumer of the data, a company that develops an AI application that can identify cats and dogs pictures.

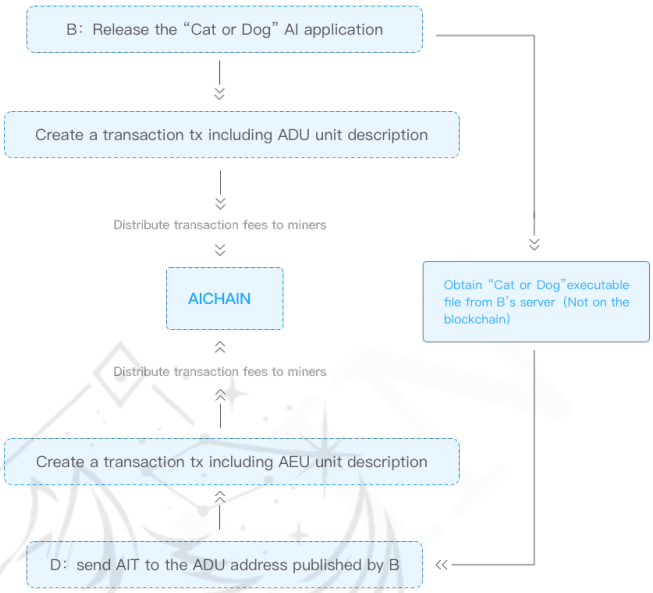


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Scenario 2: Users use their own computer to run “Cat or Dog” AI application

B: is an AI application provider that develops the “Cat or Dog” identification AI application. The application provider then deploys the information of the application to the AICHAIN for users to download the “Cat or Dog” application executable file data

D: ordinary users who have their own graphics card computer that can support the cats and dogs AI application.



Scenario 3: Users usecomputer resources provided on the platform to run the “Cat or Dog” AI application

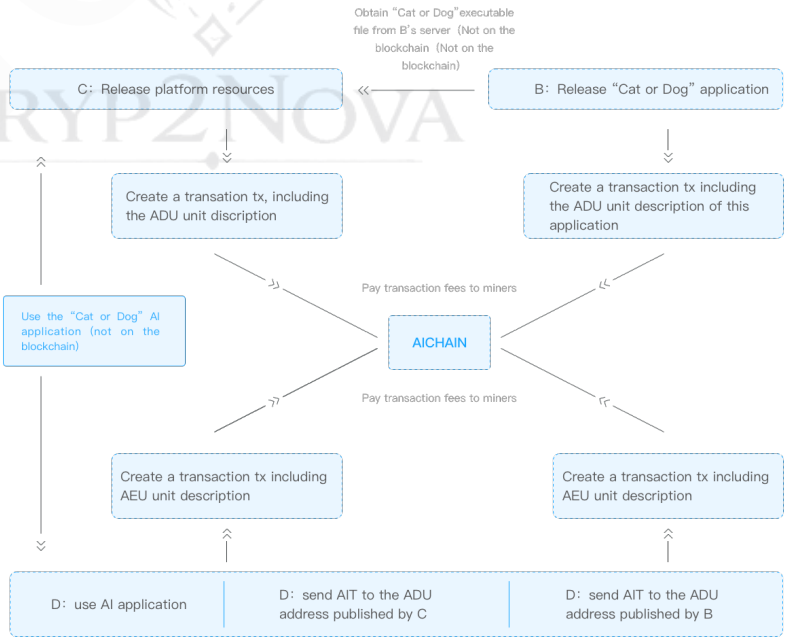
Step 1: B release the “Cat or Dog” application to the blockchain and provide AI application executable file data for users to download.

Step 2: User D does not have a suitable computer to run the “Cat or Dog” application, so he/she need to borrow C’s platform resources, which can be obtained by transferring AITs to the ADU address of the resource provided by C.

Step 3: C then releases a graphics AI server resource to D.

Step 4: D then pays AITs to B to obtain the ADU address of the “Cat or Dog” application from B.

Step 5: D download and run the “Cat or Dog” on the computer resource rented from the platform. Then D can upload the picture and finish the classification.



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Other Details

1 Data providers, application providers, and platform resource providers all deploy their own resources to the blockchain by creating a single transaction.

2 Consumers need to transfer virtual currency to the address of the ADU unit to apply for the right to use.

3 In the subsequent process, consumers need to provide the public key of their wallet for payment to the data provider, the application provider and the platform resource providers, so resource providers have enough information to verify the user's identity and whether there is enough virtual money to pay. (See Chapter 5 of AICHAIN Yellow Paper for details.)

4 All applications agree to develop and run under the unified Docker IMG running environment released by the AICHAIN to ensure compatibility.

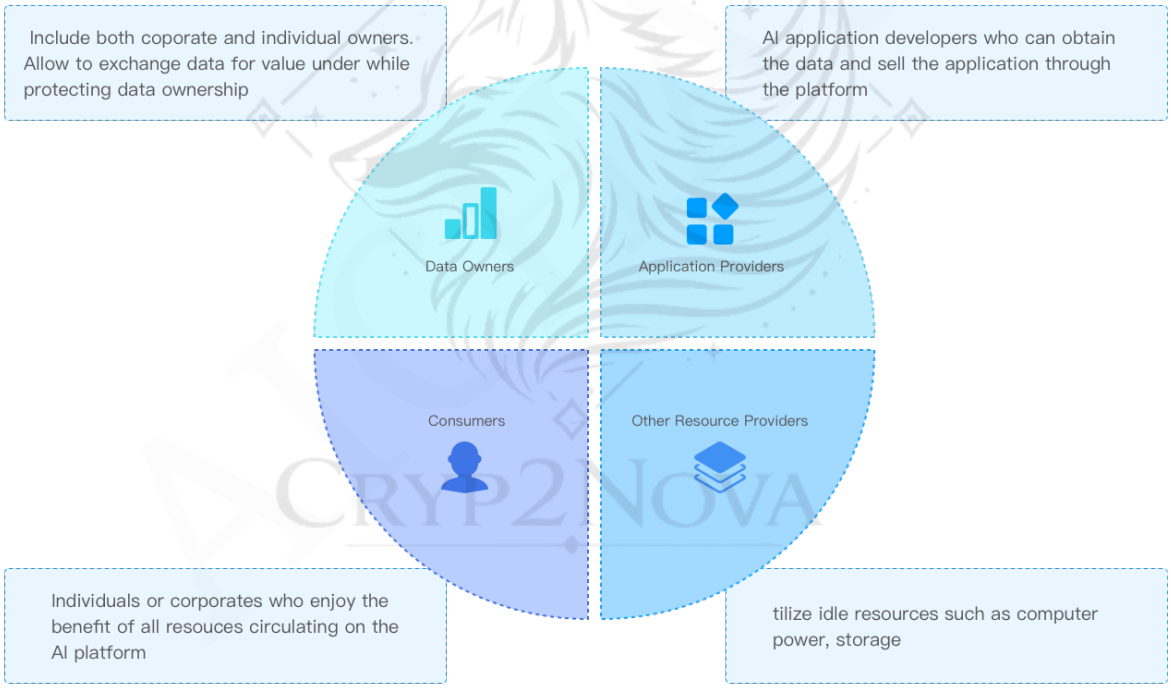
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2.3 The Ecosystem of AICHAIN

By using blockchain technology to ensure the sovereignty of the data and provide a robust market place for all participants of the AI industry, the AICHAIN is able to incentivize more participants to join the AICHAIN community and gradually enrich the data layer resources and empower everyone to get the most out of AI.

In the AICHAIN ecosystem, there are four groups of participants:



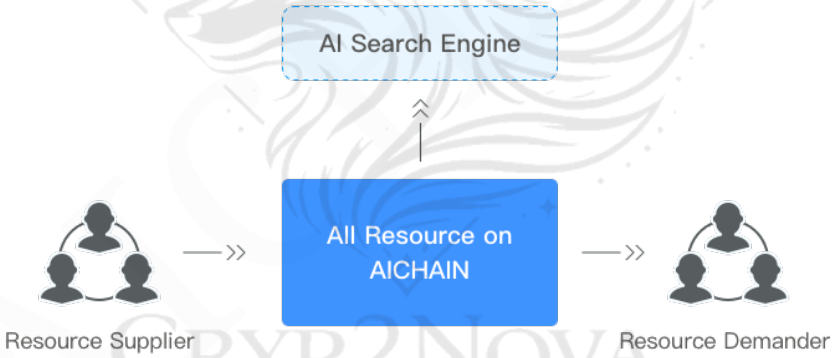
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2.4 The Market Position of AICHAIN

For business (developers and data suppliers): a Resource Sharing Platform



AICHAIN as a public infrastructure, which not only connects participants but also promotesresource sharing among thm, in order to disrupt data concentration, protect data ownership, encourage specialization and improve productivity. AICHAIN is able to benefit everyone within the system and increase the total value on the platform.



To further improve the efficiency of data sharing on the platform, AICHAIN will launch an AI search engine so that both suppliers and consumers can easily find a match.

Currently, AICHAIN has already made strategic partnerships with multiple AI developers and Data suppliers:

• AI Developers: NetPosa, Coolpad Mobile, Changhong Electric, EasyAI, Institute of Beidou Applied Technology

• Data Supplier: National Business Daily, Yi Zhibo, San Qian Ke, Chuan Huo Live, Huo Yan Finance, Ba Dou Mao, Bingo Talk, Miracle VR, Miracle Media, SceneryFish, Matrix Game, Li Guangman Bingdian Comment

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For consumers: an AI Application Store



For consumers, AICHAIN can be simply regarded as an AI Application Store where they can assemble different AI applications into their own, special AI applications. The training of applications, using consumers' own personal data, makes them truly retailer-made and unique. All the transactions are done through AIT.

The AICHAIN aims to provide all possible AI applications that cover the needs of consumers and provide convenience for their personal and professional lives, such as AI consulting, AI analysis, and AI medication.

2.5 The AICHAIN Applications under Development

To attract more participates to the AICHAIN developing several AI applications for the community and speed up the formation of an AICHAIN. AICHAIN Ecosystem. AICHAIN has been Developing several AI applications.

2.5.1 AI recruitment

The current recruitment process often requires the matching services provided by third-party platforms, and therefore, those platforms collect a significant amount of job seekers' sensitive information. As a result, job-seekers face the risk of private information leakage, which leads to frustrating calls and email harassment and

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Whitepaper other security issues.

AI Recruitment, which can be found in the AICHAIN though the AICHAIN search engine, creates a safe hiring and job seeking environment where:

1 Companies can post job descriptions and requirements and candidates can describe their own educational background, abilities and work experience, in a completely anonymous blockchain system.

2 Smart recruitment applications match both sides through algorithms, and their information feedback.

3 If the company express interest, access to the resume of the applicant is granted.

4 At the same time, if the job seeker intends to apply, they can send their resume to the company.

Whether the user is a business or an individual, they just need to select the relevant application in the AI store, and pay developers the AIT to use their own data resources to create a personalized smart recruitment process. This will significantly improve hiring efficiency and avoid the risk of third-party platforms storing significant amounts of personal information.

2.5.2 AI assistant

The users will have their own smart assistant. The assistant will not only help users to schedule and find information, but also accompany them in chat, watching movies, and playing video games, which many people hope for.

With the development of many AI applications, in the future, everyone can use the AI application store to transfer the intelligent assistant module and input their own information and requirements, generating a dedicated virtual intelligent assistant will be generated. The whole process just like downloading an app to a mobile phone.

In daily life, the assistant will chat with you at any time, watch a sports game with you, and share your joys and sorrows when watching a drama;

In various meetings, the assistant will not only help you record the content of the meeting, but also to help you to remember the identity and appearance of each participant;

During a live broadcast, the host's intelligent assistant will participate and interact with fans according to the instructions of the host; the user's intelligent assistant may send gifts to the host and interact with the host's assistants.

In the game world, the exclusive intelligent assistant will replace the traditional role of participation in the game. Players will feel more kind in person, and the assistant

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can even continue the game when you must temporarily leave.

In the future, the virtual assistant will be more personalized and will be able to identify you by appearance, your voice, and rememeber all preferences. As the interaction increases and deepens, the accumulated personal data will help the assistant to better accommodate you, and have unique charisma.

2.5.3 VR-AI tutor

Online education always attracts a lot of attention because it offers a huge variety of contents and enables students to listen to the class provided by world class instructors at a low financial and time cost.

However, the problem with current online education is that the content is not interactive and engaging enough for students to stay interested.

The combination of AR and AI can solve this problem by providing:

Rich online learning resources: bringing together all kinds of online education resources, teacher courses, without time and space constraints.

Customized content: learning plans and materials will be adopted automatically through interactions with the learner to achieve optimized learning outcomes.

Engaging delivery method: VR simulates an in-class and other more engaging learning environment so that learners do not need to stare at the screen for long periods, making for a fun learning experience.

Right now, VR-AR tutor focus on child education. In the future, VR-AR tutors will be extended to more subdivided areas such as learning foreign languages, musical instruments, dance, calligraphy and painting as well as counseling models for adults so that you can learn without leaving home.

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Development plan of AICHAIN

3.1 Development road map of AICHAIN

June 2017	Project started
Aug. 2017	Proof of concept
Nov. 2017	White Paper 1.0 completed. Signed strategic partnership
Dec. 2017	Project promotion
2018 Q1	Technical Yellow Paper 1.0 completed Finalize basic parameters and POW consensus parameters Collect some data for AI consensus development.
2018 Q2	Launch AIT Start to develop AICHAIN full nodes with AI consensus, POA+POW mining algorithms and trading application information expansion
2018 Q3	Start to develop AIT-based AI application distribution platform Complete AICHAIN full nodes mining and trading transformation and release the test environment. Complete the development of the mining program, released the test environment. Complete the AIT-based AI application distribution platform development, release the test environment Complete Digital Asset Entitlement platform development.
2018 Q4	Complete all AICHAIN nodes and AI consensus fork integration, release formal network operation Release project code and related parameters of the open source code
2019 Q1	Integrating the exchange of photo and voice data based on DAE platform, with AI virtual character application.

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2019 Q2 • Complete the function development of trusted block data points of AICHAIN. The purpose is to reduce the volume of synchronized block data, reduce storage pressure, and ensure the long run of main chain.

2019 Q4 • The AI consensus decision - making distributed network is added independent of the block chain, and the mechanism of AI analysis and decision is transferred to an independent robot network.

3.2 Future iterative planning of AICHAIN

Iteration of the underlying architecture

When the AICHAIN code itself loopholes, it usually takes a system upgrade. A loophole needs to be analyzed, tested and audited by a code committee and submitted to the decision-making committee for filing. When the following major loopholes (not limited to) to take a system upgrade:

- Affect user funds
- Major safety issues
- Affect system security

When minor vulnerabilities occur, the code board is patched directly.

Business application iteration

The AICHAIN will be a completely open source project. The AICHAIN system hopes to link the block chain with reality through technical innovation and conceptual innovation. Therefore, in commercial applications, the AICHAIN Foundation will select the appropriate third-party cooperation, industry and application iteration.

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AIT

4.1 Introduction of AIT

AIT is a decentralized blockchain digital asset that is issued through AICHAIN and serves as a medium of exchange on the AICHAIN Platform. The AICHAIN will adopt the consensus mechanism of POW and will generate 2.1billionAIT when the AICHAIN is officially released. The initial token is generated by the ERC20 contract. It will be arranged to replace the main chain token, after the main chain of AICHAIN is officially run.

4.2 Distribution plan of AIT

The specific details of AITs allocation as shown in the following table

Proportion	Distribution plan	Quota (in Million AITs)	Allocation details
30%	Private Sale: Round A	630	Soft Cap: 9% of total AIT Unfilled part will be rolled to round B
16%	Private Sale: Round B	336	Will be released based on future funding needs. The AIT price in round B will be higher than round A. The exact price will depend on the situation.
30%	Foundation	630	10% for application expansion 10% of community management 10% of talents and equipment
9%	Founders and Developers	189	Will be gradually leased over 9 years with 1% each year
15%	Reserve for Mining	315	The reserved tokens will be produced by AIT miner after the main chain is officially run

✓ AITs for investors are generated at once and will be distributed to investors based on private sales.

✓ The remaining part of AITs will be retained by the AICHAIN Foundation and be released only upon project implementation. Any such AIT release will be published within 5 working days.

✓ After the AICHAIN main chain launches, the released ERC20 tokens will be gradually replaced by main chain tokens. The rest will be frozen and destroyed forever.

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4.3 AIT Issuing

Private sale – round A arrangement

VIP	US & Canada EST	9:00am Jan.9th,2018	~ 9:00am Jan.11th,2018
	GMT	2:00pm Jan.9th, 2018	~ 2:00pm Jan.11th, 2018
	Beijing Time	10:00pm Jan.9th, 2018	~ 10:00pm Jan.11th, 2018
Other qualified investors	US & Canada EST	11:00am Jan.9th, 2018	~ 11:00am Jan.31st, 2018
	GMT	4:00pm Jan.11th, 2018	~ 4:00pm Jan.31st, 2018
	Beijing Time	00:00am Jan.12th, 2018	~ 00:00am Feb.1st, 2018
Total AITs for Round A	630,000,000 AIT (30% of total AIT)		
Soft Cap	189,000,000 AIT		
Hard Cap	630,000,000 AIT		
Qualified Investor	5 BTC or equivalent of ETH/BCH/EOS		
VIP	10 BTC or equivalent of ETH/BCH/EOS		
Upper Purchase Limit	None		
AIT Releasing Time	Around 5 working days after private sale. For the exact schedule, please refer to official announcement		

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Exchange Rate

The AICHAIN foundation will accept BTC, ETH, BCH,and EOS to exchange for AITs at this round. The exchange rate is based on the market price of BTC, ETH, BCH, and EOS on Coinmarket cap onJan.9th, 2018 at 9:00am EST. For detailed information, please refer to the official announcement. VIPs have the option to purchase AIT with 20% off and a one month lock-in period, starting from the date when AIT is launched on exchange.

1 BTC	196,060 AIT
1 ETH	16,060 AIT
1 BCH	31,520 AIT
1 EOS	120 AIT

To be on the exchange

AITs is scheduled to be on exchange in February 2018. For details, please refer to the official announcement.

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AICHAIN Foundation

5.1 Establishment of the foundation

The AICHAIN Foundation (“Foundation” in the following paper) is a non-profit organization established in Singapore. The Foundation will act as AICHAIN’s sponsor entity, committed to supporting AICHAIN’s development, construction and governance, transparency, advocacy, and promotion work, as well as promoting the safety and harmonious development of the community.

The AICHAIN team commissioned a trusted third party organization to assist the team in setting up foundation entities in Singapore and maintain the day-to-day operations as well as reporting on the entity architecture. After establishing the Foundation, the appropriate members of the community were selected to join the functional Committee of the Foundation to participate in the actual management and decision-making.

5.2 Governance principle

The design objective of the AICHAIN Foundation governance structure mainly focuses on the sustainability of the AICHAIN platform, the effectiveness of the strategy formulation, the management effectiveness, the risk control and the efficient operation of the platform economy.

5.2.1 The combination of centralized governance and distributed architecture

Although there are arguments advocating that Blockchain be a de-centralized or distributed self-governance community system, we believe that absolute decentralization may bring absolute “fairness” but would more likely be further “inefficient”. Therefore, the core idea of the Foundation is to absorb the concept of the management structure of central governance, including the highest decision-making authority strategic Committee and major issues of the centralized procedure to improve the efficiency of the whole operation of the community.

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5.2.2 The function of Committee and functional units co-operste

The function of the Committee and its functional units co-operate in the Foundation's daily affairs, which will set up permanent functional units, such as an R&D department, marketing department, operation department, financial, and human resources departments to handle daily affairs.

At the same time, a functional Committee is set up to make decisions on the important functions of the Foundation. Unlike the functional units, functional Committees exist in a virtual architecture where members of the Committee may be from any place of the world and do not have to work full-time. However, it must meet the requirements of the Committee's expert qualifications and be able to be present and make comments when the Committee is required to present. The functional Committee will also set up a regular meeting system to ensure the effective promotion of major decision-making matters.

5.2.3 Risk oriented governance principles

Risk management will be the most important element in the process of studying the strategic development of AICHAIN. As a computer technology with on-going evolution, the development of Blockchain is still in its infancy, so it is very important to inderstand its development trends. The principle of risk management, when making sure the Foundation makes important decisions, is to take full account of the risk factors, the possibility and influence of their occurrence, and take corresponding countermeasures through decision-making. Thus, the development and iteration of AICHAIN is on the right path.

5.2.4 Technology and Commerce Coexisting

From the creation of the AICHAIN, it has always adhered to the close integration of the business with its purpose. The Foundation also follows this objective. Even if the Foundation will present as a non-profit organization, the Foundation wants to get maximum possible recognition in the business world, to generte business revenue, feedback to the Foundation and the community, while further promoting the Foundation as well as the development and improvement of AICHAIN. The Foundation also takes full account of this principle in the selection of talent and its architecture. It focuses on attracting experts with technical expertise, including industry experts who have a deep understanding of business.

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5.2.5 Transparency and supervision

Referring to the governance experience of the traditional commercial world, AICHAIN Foundation also intends to set up special monitoring and reporting channels (Whistle-Blower). Designated by the strategic decision Committee as a window and we welcome the community participants to join in the management, supervision and operation of Whistle-Blower channel. Those include, but are not limited to, new breakthroughs or recommendations that have significant implications for the Foundation or the Blockchain technologies, community operations issues, crisis information and fraud reporting, etc.

The Foundation will publish a unified information collection window, while ensuring the privacy of the information collected. At the same time, the Foundation publishes periodic reports and news releases in the form of community participation in all parties to disclose the Foundation operation and development of AICHAIN. Meanwhile, the main contacts of the Foundation management will be fully open, and accept the supervision and liaison of the participants.

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5.3 AICHAIN governance model

The organizational structure of AICHAIN Foundation raised a combination of Specialized Committee and functional departments, which will deal with daily work and special matters. This section will discuss the functions of the functional Committees of the Foundation as well as the functions of the major functional departments.

With the reference to the operation of traditional entities, the Foundation will set up functional Committees, including the Strategic Steering Committee, the technical audit Committee, the remuneration and Nomination Committee and the public relations Committee.



Figure 4.3 AICHAIN functional Committee structure graphic

Strategic Steering Committee

The Strategic Steering Committee is at the top of the Committee. The main objective is to provide guidance to the AICHAIN community and lead the community development. The committee's responsibilities include but are not limited to:

(1) Modifying governance structure of the Foundation.

(2) The formation and rotation resolution of the Strategic Steering Committee.

(3) The appointment and rotation resolution of the Secretary General of the Foundation.

(4) The appointment and dismissal of the chief executive and the head of each functional Committee.

(5) Foundation review and amendment of the constitution.

(6) The strategic decisions of AICHAIN development.

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(7) AICHAIN's core technology changes and upgrades.

(8) Emergency decisions and crisis management agendas.

The members of the strategic Committee and the president of the Foundation will serve for two years and the chairman of the fund shall not be reappointed for more than two sessions.

At the end of the tenure of Strategic Steering committee members, the community will elect 50 representatives, and then 6 out of the 50 will be elected as the core members of the new Strategic Committee. The core members shall agree be investigated during their tenures and to disclose their compensation package.

Important matters need to be decided by the decision Committee with an open vote. Each member of the Strategic Steering Committee has one vote, and the chairman of the Foundation has two votes. Decisions made by the decision Committee must be approved by more than half of all members of the Committee.

In addition, the person in charge shall convene the decision Committee to hold an interim meeting within 5 working days in the event of the following circumstances:

✓ The General Secretary of the Foundation considers it necessary.

✓ More than 1/3 of the decision Committee members jointly propose it.

The Strategic Sheering Committee meetings shall be attended by the members of the Committee. If members are unable to attend, they may entrust the other members of the Committee in writing. Failing to delegate forfeits the right to vote at the meeting.

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General Secretary

The general secretary is the highest responsible person of AICHAIN administration. The responsibility is to make guidance and coordinate the daily operation of Foundation, technology development, community maintenance and public relations, as well as connecting various business unit with the governance structure of the functional Committee. The Secretary General will regularly report to the Strategic Steering Committee.

Technical Audit Committee

The Technical Audit Committee is comprised of core AICHAIN technology developers, who are responsible for the technology research, development direction of Blockchain, underlying technology development, open port development and

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review, technology development, and patent examination.

In addition, members of the Technical Audit Committee regularly study the dynamics and hotspots of the community and industry, communicate with participants in the community, and hold technical seminars on a regular basis.

Remuneration and Nomination Committee

The Remuneration and Nomination Committee is responsible for the appointment of key managers of the Foundation. The Committee shall establish rules of procedure, assess the competency of the management, and authorize appointments. At the same time, the Committee sets up a compensation system to encourage people who have made important contributions to the Foundation.

The remuneration and Nomination Committee regularly reviews the performance of all the Foundation staff, counsel on the human resource structure and raise different incentive measures to attract talented experts.

Public Relation Committee

The public relationship center is to serve the community and is responsible for marketing campaigns and promotions of NetpuneAI platform, products, and other related matters. The center is also responsible for public announcements. If there is any event which affects the reputation of the foundation, the committee shall conduct a PR response after an internal evaluation.

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Supervisory Committee

As a highly independent and autonomous body, the Supervisory Committee is set up inside the Foundation as an independent risk control for the overall operation of the Foundation. The Supervisory Committee conducts day-to-day guidance of the Foundation's legal and compliance departments. At the same time, the Foundation will set up a mechanism for reporting transparency and supervision to receive internal and external reports, investigate corresponding improvements, ensure that the Foundation operation perfectly complies with laws and regulations, and monitor the foundation's overall risk.

The commission reports directly to the Committee on strategic decisions and does not have any conflicts or overlaps with other functions of the Foundation.

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Other Functional Departments

The Foundation refers to an enterprise system framework and sets up day-to-day operations such as human resources, administration, finance, marketing, research and development (or laboratory) units, etc.

The functional departments maintain the normal operation of the AICHAIN Foundation, and directly deal with the relevant parties in the commercial society, such as enterprise customers, suppliers, regulators and the three party service organizations.

5.4 AICHAIN human resource management

AICHAIN is committed to creating the world's most influential open source community . To ensure the smooth development of the technology and the continuity of the Foundation operation, the Foundation will focus on recruiting excellent technology developers and managers with deep understandings of the business.

5.4.1 Talent Recruitment

Based on the characteristics of "Blockchain without borders", the Foundation welcome talented people from all over the world to join the Foundation. In addition to the individual posisitions that must be recruited locally (e.g., logistics managers), recruitment is not limited to the place of work or the typeof work. AICHAIN Foundation will, at the same time, follow the best practices in human resource management, develop appropriate human resources plans, recruitment procedures and review procedures to ensure that Foundations attract the right people.

As an open source community, AICHAIN will not only recruit full-time developers, but also employ well-known industry technical advisers. Relevant hiring and salary requires discussion and decision, and signing the terms of cooperation by remuneration and Nomination Committee.

5.4.2 Performance Appraisal

AICHAIN will do the performance appraisal based on commercial company's best practice guidelines, which comprehensively consider technology development, business expansion effect, economic operation, fund risk control management

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etc. The performance appraisal award will be submitted to the remuneration and Nomination Committee and the Strategic Decision Committee for review, and an opti-mization plan worked out.

5.5 Risk assessment and decision making mechanism of AICHAIN foundation

As an innovative technology, Blockchain is not only a breakthrough in computer core technology, but also a challenge to the traditional commercial society. Therefore, the importance of the risk management system is self-evident. The AICHAIN Foundation is committed to building a risk-oriented sustainable chain of block communities. It will continue to operate risk management of the foundation which includes the establishment of risk system, risk assessment, risk response and a series of activities.

For major risks, the strategic decision Committee will discuss and make decisions. It will classify risks based on event characteristics, such as event impact, extent of impact, probability of tokens and probability of occurrence, and decisions based on priority. For priority events, the relevant Committees of the foundation shall be organized as soon as possible.

5.6 AICHAIN foundation economy

In its economic operations, the Foundation promotes the following major principles:

(1) Nonprofit as the main principle, and give back to the community;

(2) Sustainable development

(3) Collaboration and sharing of resources

Financially, the Foundation will seek balance between expanding and community development. In addition to the initial funding received during the ICO, the Foundation will be able to obtain digital asset income through community eco operations. Under the arrangement of the third party trust, it will transparently distribute all the benefits to all operations and community development.

The Foundation will set up a full-time financial management team to maintain its financial and digital assets. The financial management team reports directly to the strategic decision Committee, and regularly prepare the financial reports and disclosures of the Foundation.

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5.6.1Fund Use Restriction

The use of AICHAIN assets is in line with the principles of openness and transparency. According to the distribution and budget, AICHAIN will set up a separate account and digital asset wallet address used by depository institutions gor digital asset supervision and regularly share to the community.

The principle of the use of revenue from the public sale:

✓ Exceeding the value of 1 million yuan (or equivalent digital assets) requires approval by the head of the financial unit and the Secretary General.

✓ Over 5 million yuan (or equivalent digital assets) will need to be approved by the Strategic Steering Committee.

5.6.2 Financial Planning and Implementation Reports

Each quarter, the financial and personnel management Committee prepare the financial planning and summarize the last quarter financial performance.

The formation of financial reports will be submitted to the Strategic Steering Committee for approval.

5.6.3 Digital Asset Management

The digital assets belonging to the Foundation are appropriated by the strategic decision Committee, and the full-time financial personnel are responsible for the arrangement. Digital assets and transaction currency are arranged independently with timely financial accounting. Following the best practice guidelines of financial control, the Foundation requires multiple signatures to ensure the safety and accuracy of the assets. All the collected coins are subject to the timely transfer of digital assets and the digital wallet. Foundation assets are not deposited in individual accounts.

5.6.4 Digital wallet management

Based on the principle of independence, AICHAIN Foundation's wallet adopts 4/7 multi signature. Added signatures are subject to the approval of the Strategic Steering Committee. Majority of tokens will be cold saved, and the remaining will be used through multiple signatures.

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5.6.5 Disclosure matters

Each year, the Foundation will inform the community of AICHAIN's development, operations, business promotions and the Foundation's operations. To disclose the financial health of the Foundation, unaudited quarterly and audited annual financial reports will be released.

Meanwhile, the Public Relations Committee, which serves as an external window, will hold regular and periodic meetings and releases materials to the public.

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AICHAIN Team

6.1 Core team members

AICHAIN Team is formed by elites from AI, internet and blockchain fields, including world renowned scholars from top universities such as Harvard, UCLA, and Tsinghua.

The Core team members of AICHAIN are:



Kai , Duan

Master in Electronic Engineering of Hua Zhong University of Science and Technology. Mr. Duan is the former CTO of Beijing Bitmain Technololy Co., Ltd and was responsible for developing and managing mining software and cross platform mining algorithms for Bitcoin, ETH, and other cryptocurrencies. Over the past 4 years, Mr. Duan has accumulated rich industrial experience in the technical structure of virtual digital currency wallets and exchanges.

Mr.Duan responsible for the AICHAIN architecture design and development team management, including the design of the third party application implemented with the AICHAIN.



Dr. Ming, Yan

Ph.D. of the University of California Los Angeles Department of Mathematics, master and bachelor of University of Science and Technology of China. Currently, Dr. Yan is an Assistant Professor of Computational Mathematics and Engineering at the University of Michigan. Prior to that, he served as an Assistant Professor in the Department of Mathematics at the University of California. Dr. Yan's research focuses on large data parallel computing and distributed algorithm optimization, and has

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extensive research experience in blockchain, cryptography, and data mining.

Dr. Yan will provide depth algorithm support for AICHAIN in the core mathematical model of block chain, core algorithm of artificial intelligence, and parallel computing of large data.



Dr. Yi, Zou

Ph.D. of the University of California. Bachelor and Master of Tsinghua University. Dr.zou worked in Alex network, Microsoft Asia Research Institute, and some were successful acquisition or listing of start-ups or part-time on the non CPU network architecture, heterogeneous computing (such as GPU and FPGA), load optimization fields of research and Application on the block depth. Chain based digital currency and its chip design optimization, have a deep understanding of the transaction algorithm hardware.

Dr. Zou is responsible for the design and optimization of the chip design of the AICHAIN block chain direction digital money miner.



Dr. RuMin, Zhang

Ph.D. in Aeronautics and Electronic Information Engineering of Beijing University. Mr. Zhang previously worked in Datang Telecom Group, was responsible for robot vision navigation and man-machine vision interaction system design. He has extensive experience in narrowband Internet of Things, visual arti cial intelligence and blockchain.

Dr. Zhang is responsible for the design of the AICHAIN visual artificial intelligence interactive system.

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Dr. WengYi , Wang

Ph.D. and Master in Electronic Engineering and Computer Science of University of Ottawa, Canada, and bachelor of Wu Han University, China. Dr. Wang previously worked as an assistant researcher at the University of Ottawa and his research involved data mining, arti cial intelligence, and algorithm optimization.

Dr. Wang is responsible for the construction and optimization of the AICHAIN artificial intelligence algorithm.



Dr . HuiXing,Jia

Ph.D. in Electronic Engineering of Tsinghua University, Former employee of Microsoft Research Asia and Agilent, Lead the development of multiple intelligent transportation and image recognition products. Has more than 10 years of research and industry experience in arti cial intelligence.

Dr. Jia is responsible for the research and development of AICHAIN artificial intelligence image and video products.



Ning, Yu

Masters from Sophia University (USA), with more than 10 years of experience in Internet operations management, marketing, brand PR, and Digital Marketing project planning.

EasyAI CMO. Took charge of EasyAI marketing planning, brand promotion and product promotion. Focused on the application of AI interaction.

Formerly the director of WEIHOU Live. Created

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the marketing department for WEIHOU Live. and build the WEIHOU Live brand image and marketing strategy from scratch.

Provided marketing consulting services for IBM, Microsoft, Cisco and other Fortune 500 companies.

Ms. Ning is responsible for the overall marketing promotion of AICHAIN.



Stephen , Huntsman

Stephen Huntsman is experienced in world diplomacy, trans-media, technology & natural product -wellness industries. He is well-respected, with family ambassadorial relations and associations with world-class individuals, celebrities, companies, Olympians and acclaimed professionals, world dignitaries and high-ranking government officials. Stephen has extensive and intimate Government-Business relations internationally with focus on Asia and is well known as a multi-generational “Friend of China”, expert facilitator, commodities partner and humanitarian. Stephen’s activities include in-line skating, Qigong and Yoga by the Ocean, and study of Mandarin & Confucius. A private pilots license is on the list as well. As an epic wellness & unity consciousness lifestyle eco-preneuer, reform in health-care and currency remain paramount issues that Stephen supports wholeheartedly. In recent years Stephen also became a well versed entrepreneur in cryptoassets, trading and an activist for disruptive technologies.

Mr. Stephen joins AICHAIN with real AI applications, and will also bring more AI cooperation opportunities for AICHAIN in the future market expansion.

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Gabriel Nones-Newman is well-versed in GPGPU computing, networking, machine learning, and blockchain applications.He has good technical level and practical experience in mining, regulation and innovative technology application.

Gabriel has once held senior positions including CTO, project managers and IT executives in the world's top IT company.He is the founder of Hephaestus Project which leverages VR/AR, FinTech, Green Energy Tech, and A.I to provide UBI/UBL.

Gabriel is responible for the design and development of the blockchain software of AICHAIN, and play a key role in the rapid development of AICHAIN.

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6.2 Advisory Team



Mr. Chen Jianwen

Mr. Chen Jianwen is PhD of THU Electronic Engineering, post doctor of UCLA Electronic Engineering, visiting scholar of Harvard Visual Research Center, senior member of IEEE, selected professor of “Thousand Youth Talents Plan”, doctoral supervisor of UESTC Visual Intelligence Research Center, and Founder&Chairman of Easy AI.

Dr. Chen has more than 100 professional works and 80 core patents in the field of video processing and intelligent interaction. He is also the drafter of many international standards.

Dr. Chen has more than 15 years of research experience in intelligent interaction technology. Through the optimization and training of deep learning in the aspects of video intelligent interaction, emotional perception, and virtual character reconstruction, he created the intelligent interactive product Easy AI, which can be effectively used in medical, education , human resources, marketing, intelligent transportation, etc.

Dr. Chen provided AICHAIN with overall consulting services and strategic support in the landing of artificial intelligence applications.

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Professor Zhang Jun

Master of Engineering, Huazhong University of Science and Technology, Ph.D. and Postdoctoral Fellow of Electrical and Electronic Engineering, Arizona State University;

Deputy Chairman of the Blockchain Committee of China Automation Society;

The national “Thousand Talents Plan”;

Professor and Ph.D. tutor, School of Electrical Engineering, Wuhan University;

Part-time researcher at the State Key Laboratory of Complex Systems Management and Control, Institute of Automation, Chinese Academy of Sciences;

Deputy Chairman of the Intelligent Education Committee of China Automation Society;

Deputy Director of the International Exchange Working Group of China Artificial Intelligence Industry Development Alliance of China Information and Communication Research Institute, participated in the organization of many international conferences on smart grid, Internet of Things, artificial intelligence, special journals and academic activities.

Professor Zhang Jun has published more than 90 high-level international journal conference papers in related fields. He is a member of the editorial board of the Journal of Automation, IEEE Transactions on Computational Social Systems, IEEE IoT Magazine, and co-chairman of IEEE Council on RFID. Chairman of SMC Society Blockchain Committee; his research areas include knowledge automation theory, intelligent power system big data analysis, distributed new energy access and control, intelligent power system signal processing and sensing.

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Professor Le,Dong

Professor at the of University of Electronic Science and Technology of China, Chairwoman of ACM SIGAI CHINA, Chief secretary of VALSE. Ph.D. in Electronic Engineering of Queen Mary University of London, Bachelor, and Master in Telecommunication and Information System of Xidian University. Devoted to multimedia and computer vision research. Lead and promoted international organizations in the areas of AI. Received patents in the area of AI. Published multiple articles in international conferences and journals (JCR II and above). Hosted a number of National Natural Science Foundation projects.

Received the the Best Report Award for the 10th ACM International Internet of Things and Cloud Computing Symposium in 2015. The summit chairman of ACM Turing 50-year China Arti cial Intelligence Grand Meeting. A guest speaker of 2017 iWorld Digital World International Forum hosted by IDG. Guest host of the Arti cial Intelligence Frontier Summit Forum. Chairman of 2018 China Turing Congress Industrial Liaison Committee. Received The EXCELLENT ACM CHINA LECTURER AWARD and ACM 2017 OUTSTANDING CONTRIBUTION AWARD

Professor Dong provides an advisory service to AICHAIN in the direction of artificial intelligence

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6.3 Strategic partners

Blockchain Research Center

AICHAIN teamed up with the Medialab of University of Electronic Science and Technology to establish Blockchain Reseach Center. The center aims to facilitate the development of the core technology algorithm of blockchain. The center will focus on the applications of blockchain in the areas of digital assets, financial clearing, Internet of Things, information and date registration etc.

EasyAI

EasyAI Tech. An artificial intelligence startup focused on the core of intelligent interaction algorithms. At the same time, with more than 40 of its core patented technology, the successful construction of more than 10 million users of visual interaction platform. Through the optimization of deep learning in such aspects as intelligent interaction, emotion perception, virtual character reconstruction and semantic understanding, both the accuracy and user experience of intelligent interaction are greatly enhanced. Focusing on the core concept of being “people-oriented” and based on the core technology of human intelligent interaction, with a mission of “making artificial intelligence become simpler”, we aim at “becoming the leader of artificial intelligent interaction”.

Coolpad

Coolpad Group Limited (the “Company”), formerly known as China Wireless Technologies Limited, was incorporated in the Cayman Islands as an exempted company with limited liability on 11 June 2002. The shares of the Company (the “Shares”) were listed on The Stock Exchange of Hong Kong Limited (the “Stock Exchange”) on 9 December 2004 (Stock Code: 2369). Yulong Computer Telecommunication Scientific (Shenzhen) Co., Ltd. (“Yulong Shenzhen”) is an indirect wholly owned subsidiary of the Company. It was founded by Mr. GUO Deying (the

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Company's chairman, executive director and chief executive officer) in April 1993

In the last decade, capitalizing on the development of wireless telecommunications technological know-how in wireless telecommunications across multiple wireless telecommunications network standards including TD-LTE, FDD-LTE, TD-SCDMA, CDMA-EVDO, WCDMA, GSM, and CDMA1X networks, the Company and its subsidiaries (collectively, the "Group") have developed a large number of proprietary technologies and patents in mobile operating systems, radio frequency, protocols and wireless data decomposed transmission technology, etc. The Group has developed advanced research and development capabilities in mobile communications and gradually become a leader of 4G and 3G smartphones in Mainland China's telecommunications market.

Today, Coolpad is a global top 10 smartphone brand and sells phone all over the world including Asia Pacific, India, Europe, U.S.A etc.

Institute of Beidou Applied Technology

In September 2014, Shenzhen Institute of Beidou Applied Technology(SIBAT, www.sibat.cn)is established by Shenzhen institute of Advanced Technology Chinese Academy of Science (SIAT)and government of Nanshan District, which is the first Beidou satellite application technology research institute in China. SIBAT is a pioneer of big data services in transport field with the qualification of Independent legal personality. What is more, SIAT holds a controlling number of the shares.

Today, SIBAT has a well-developed and growing business. The business is mainly based on the location services, which is devoted to a broad range of research and development(R & D) and industry innovation platforms, including product R & D, system integration and operation services. SIBAT also offers a wide variety of professional services in the fields of intelligent

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transportation and smart city. Though our work, we make a positive difference in our urban cities by means of several application technologies, such as cloud computing, integrated satellite navigation, mobile Internet, temporal and spatial information, and intelligent sensing.



Yi Zhibo

"Yi Zhibo" is a product of Shenzhen Cloud Gather Digital Co., Ltd., and is a new generation of interactive social networking platform. Its vision is to provide the most efficient way for people to connect in a virtual environment. At present, "Easy Live" APP is a mobile social product launched by its affiliated company, which is a leading social interactive platform for interactive, sharing and live video. Currently there are 30 million users and 3000 live streamers.



Ba Dou Mao

Ba Dou Mao applies the artificial intelligence technology to headhunter and resolves the problems of the headhunter through advanced technologies such as OCR, speech recognition (ASR), speech synthesis (TTS), natural language understanding (NLU), machine learning. Ba Dou Mao can intelligently discuss points, greatly improving the recruitment efficiency and matching accuracy. Moreover, Ba Dou Mao can provide services such as resume optimization, job recommendation, job search consulting and so on, based on big data and AI analysis results from the information such as user needs, required salaries, industry reports and career planning.

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Bingotalk

Bingotalk is an online education company dedicated to children's English founded by a group of outstanding Chinese from prestigious American schools to realize the dream of "helping 200 million Chinese children connect with the world."

Bingotalk "to make every Chinese child can teach English" as its purpose, to promote China's civilian education of children online English responsibility. The platform provides "three frees": "free platform, free agent, free barrier of communication" and "three haves": "have Foreign teacher qualification examination system, have the curriculum consultant tracking service, have multi-teaching mode ". The goal of such a " three free and three have "online education model is to achieve a triple-win situation where parents spend less, foreign teachers make more money and children dare to speak English.

HuoYan Financials

HuoYan Financial is a financial science and technology enterprise co-founded by the National Business Daily and Sichuan Miracle Group under the background of supply-side reform and the reorganization of state-owned enterprises. Huoyan Financials integrates the most high-quality financial media and cloud computing resources and vigorously develops the three core businesses of "All Media", "Financial Consulting" and "Financial SaaS", aiming to build a leading financial science and technology enterprise in China and provide services to enterprises, brokers, banks , funds and other investors in the capital markets.

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San Qian Ke

San Qian Ke is an intelligent marketing platform powered by the technologies of mobile internet, artificial intelligence, Internet of Things, big data and cloud computin. San Qian Ke is committed to providing enterprises with one-stop online smart marketing solution, including marketing technology, products, resources and service innovation. The clients of San Qian Ke are from multiple industries, including the financial, education, tourism, automotive, e-commerce and other industries. San Qian Ke has served and established long-term relationsihip with organizations and intuitions such as Bank of China, JUMEE, Everbright Securities and Yun Xue Tang.

Chuan Huo Live

Chuan Huo Live is based on the specialized market of “live broadcast + food” , “live broadcast + E-commerce”, “live broadcast + travel”, “live broadcast + culture” and other different areas. The platform gathers internet influencers, creates live channels, expands the influenser’s group, thus to promote live broadcast culture.

Miracle VR

Miracle VR is based on the VR technology to show users multi-dimensional VR live contents, including large-scale activities, scenic view, TV programs, sports events and the in 360 ° panoramic view, allowing users to easily watch videos on the PC and mobile devices panoramic VR content.

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Miracle media

Sichuan Miracle Media Co., Ltd. is a new generation of cross-media intelligent integrated media service provider that founded on the cloud. It is a company that jointly established by Chengdu Media Group and Sichuan Miracle Group. It is committed to promoting the integration of national media and the expansion of new media industry.

Based on the great content resources and brand advantages of Chengdu Media Group as well as the leading artificial intelligence technology advantage of Sichuan Miracle Group, Miracle Media has integrated new media industry chain resources such as content, technology, channel, operation and license to build a leading industry “Video Cloud Computing” and “Big Data Intelligence” product innovation platform.

At the same time, Miracle Media also built a diversified media service system including media platform solutions, HD / VR broadcast solutions, cloud media platform solutions and Internet TV media solutions.

SceneryFish

SceneryFish predecessor is a company that focuses on the forefront of tourism industry research and development. It’s a leader of the full tourism-service chain and innovative. It provides “planning lead, operation support, marketing planning, wisdom travel construction, investment operation” that one-stop solution.

SceneryFish dedicated to “cultivate all aspects of tourism, to implement Internet science and technology, service tourism industry chain”, and bring together the industry’s top experts wisdom. From the professional perspective, through the patented technology, innovative thinking and commitment to promote the planning, marketing and technology applications level of the tourism industry.

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In addition, Sichuan Province also relies on the technical advantages that formed by the “Media and Vision Research Center” that jointly established by Harvard University and the University of Electronic Science and Technology to work with the state “Artificial Intelligence Industry Technology Innovation Alliance (AVS)”. Through the corporation to actively promote the establishment of “China VR Standard “.

Game matrix

Game Matrix” is the industry’s leading game developer. It has four plates which are games live (game anchor, video games, etc.), eSports events (college eSports, pro gaming), game studios (game demos, virtual Trading platform) and board games (Landlords, Mahjong, online doll machine, etc.). It provides customers with the game development technology, game services, platform structures and other aspects of the solution.

Li Guangman Bingdian Commet

“Li Guangman Bingdian Comment” is a well-known current affairs commentary Wechat account. Based on the original articles of Li Guangman, it builds a team of high-quality original article authors and builds a self-media platform for high-end current affairs commentary in China’s most influential political, economic, military and social sectors. It is committed to creating a public platform for self-media matrixes and forming a platform for current affairs commentary in various professional aspects such as political commentary, military commentary, economic commentary, social commentary and cultural commentary, forming a multi-faceted social influence.

“Li Guangman Bingdian Comment” has dozens of 100,000 + reading volume articles, for a single article the reading volume up to 50 million. The average reading volume of an article is more than 50,000, the subscribers are more than 100,000, and the original article can be released on major websites and other Wechat public account.

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Disclaimer of Liability and Risk Factors

The AICHAIN Foundation does not make, and hereby disclaims, any representation or warranty with respect to AICHAIN or AICHAIN Token (such as merchantability or fitness for particular purposes), except those expressly specified herein. Each purchaser's decision to participate in the AICHAIN Token crowdsale and purchase any AICHAIN Token shall be made based on his/her own knowledge of AICHAIN and AICHAIN Token and the information disclosed in this Whitepaper. Without prejudice to the generality of the foregoing, each purchaser will, upon the launch of AICHAIN, accept AICHAIN Token on an "as is" basis, irrespective of the technical specifications, parameters, performance or function thereof.

The AICHAIN Foundation hereby expressly disclaims its liability, and shall in no case be liable to any person, for:

1) Any person's purchase of AICHAIN Tokens in violation of any anti-money laundering, counter-terrorism financing or other regulatory requirements that are imposed in any jurisdiction;

2) Any person's purchase of AICHAIN Tokens in violation of any representation, warranty, obligation, covenant or other provision under this Whitepaper, and the resulting failure or inability to make his/her payment or to claim relevant purchased AICHAIN Token;

3) Early termination of the AICHAIN Token crowdsale for any reason;

4) Failure or abortion of AICHAIN development and resulting failure to deliver AICHAIN Token;

5) Delay or rescheduling of AICHAIN development and resulting failure to meet any anticipated milestone;

6) Any error, bug, flaw, defect or otherwise of the source code of AICHAIN;

7) Any malfunction, breakdown, collapse, rollback or hardforking of AICHAIN or the blockchain of Ethereum if AIT is initially issued on ERC20.

8) Failure of AICHAIN or AICHAIN Token to meet any specific purpose, or unfitness for any specific use;

9) Utilization of the proceeds raised through the AICHAIN Token crowdsale;

10) Failure to timely and completely disclose any information relating to the development of AICHAIN;

11) Any purchaser's divulgence, loss or destruction of the private key of his/her crypto-currency or crypto-token wallet

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(inter alia, the private key of the AICHAIN wallet used by that purchaser);

12) any default, breach, infringement, breakdown, collapse, service suspension or interruption, fraud, mishandling, misconduct, malpractice, negligence, bankruptcy, insolvency, dissolution or winding-up of any third party crowdfunding portal of AICHAIN Token;

13) Any difference, conflict or contradiction between this Whitepaper and an agreement between any purchaser and any third party crowdfunding portal;

14) Trading or speculation of AICHAIN Token by any person;

15) Listing or delisting of AICHAIN Token on or from any exchange;

16) AICHAIN Token being classified or treated by any government, quasi-government, authority or public body as a kind of currency, securities, commercial paper, negotiable instrument, investment or otherwise that may be banned, regulated or subject to certain legal restrictions;

17) Any risk factors disclosed in this Whitepaper and any damage, loss, claim, liability, punishment, cost or other adverse impact that is caused by, associated with, in connection with, incidental to or consequential to that risk factor.

Risk Factors

The AICHAIN Foundation believes that there are numerous risks involved in the development, maintenance and running of AICHAIN, many of which are beyond the control of the AICHAIN Foundation. Each AICHAIN Token purchaser should read, comprehend and consider carefully the risks described below in addition to the other information stated herein before deciding to participate in the AICHAIN Token crowdsale campaign.

Each AICHAIN Token purchaser should pay particular attention to the fact that, while the AICHAIN Foundation is established in the Republic of Singapore, AICHAIN and AICHAIN Token reside in cyberspace only without physical presence and hence do not fall within or pertain to any specific jurisdiction.

Participating in the AICHAIN Token crowdsale campaign shall be an action based upon prudent decision and will be deemed as the relevant AICHAIN Token purchaser having been fully aware of and agreed to take all the risks below.

1) Termination of the Campaign

The AICHAIN Token crowdsale campaign may be terminated early, in case of which a

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purchaser may only be refunded with part of his/her payment as a result of the Bitcoin Ether price volatility and/or the expenses incurred by the AICHAIN Foundation.

2) Insufficient Information Availability

AICHAIN is at the stage of development as of the date of this Whitepaper and its philosophy, consensus mechanism, algorithm, code and other technical specifications and parameters could be updated and changed frequently.

While this Whitepaper has contained the then up-to-date key information of AICHAIN, it is not absolutely complete and is subject to adjustments and updates that the AICHAIN Foundation might make from time to time for certain purposes. The AICHAIN Foundation is not in a position, nor obliged, to keep the purchasers closely posted on every detail of AICHAIN development (including its progress and expected milestones no matter whether rescheduled or not) and therefore will not necessarily provide the purchasers with timely and full access to all the information relating to AICHAIN that may emerge from time to time. The insufficiency of information disclosure is inevitable and reasonable.

3) Regulatory Measures

Crypto-tokens are being, or may be, overseen by the regulatory authorities of various jurisdictions. The AICHAIN Foundation may receive queries, notices, warnings, requests or rulings from one or more regulatory authorities from time to time, or may even be ordered to suspend or discontinue any action in connection with the Campaign, AICHAIN's development or AICHAIN Token. The development, marketing, promotion or otherwise of AICHAIN or the AICHAIN Token crowdsale campaign may be seriously affected, hindered or terminated as a result. And since regulatory policies could change from time to time, existing regulatory permission or tolerance on AICHAIN or the AICHAIN Token crowdsale campaign in any jurisdiction could be just temporary. AICHAIN Token could be defined from time to time as a virtual commodity, digital asset or even securities or currency in various jurisdictions and therefore could be prohibited from being traded or held in certain jurisdictions pursuant to local regulatory requirements.

4) Cryptography

Cryptography is evolving and cannot guarantee absolute security at all times. Advances in cryptography, such as code cracking, or technical advances such as the development of quantum computers, could present risks to all cryptography-based systems including AICHAIN. This could result in the theft, loss, disappearance, destruction or devaluation of the AICHAIN Token held by any person. To a reasonable extent, the AICHAIN Foundation is prepared to take proactive or remedial steps to update the protocol underlying AICHAIN in response to any advances in cryptography and to incorporate additional reasonable security measures where appropriate The future of cryptography or security innovations is unpredictable while

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the AICHAIN Foundation will try its best to accommodate the continuing changes in the domains of cryptography and security.

5) Development Failure or Abortion

AICHAIN is still in the process of development, rather than a finished product ready to launch. Due to the technological complexity of the AICHAIN system, the AICHAIN Foundation could be faced with unforeseeable and/or insurmountable difficulties from time to time. Accordingly, the development of AICHAIN could fail or abort at any time for any cause (including insufficiency of funds). The development failure or abortion would result in non-availability of the purchased AICHAIN Token for Crowdsale to any purchaser.

6) Theft of Crowdsale Proceeds

There may be attempts to steal the crowdsale proceeds received by the AICHAIN Foundation (including the fiat currency amount converted therefrom). Such a theft or attempted theft may affect the ability of the AICHAIN Foundation to fund the development of AICHAIN. While the AICHAIN Foundation will adopt cutting-edge technical solutions to keep the crowdsale proceeds safe, certain cyber thefts are hardly unpreventable.

7) Flaws in Source Code

Nobody can guarantee the source code of AICHAIN to be flaw-free. It may contain certain flaws, errors, defects and bugs, which may disable some functionality for users, expose users' information or otherwise. Such flaws, if any, would compromise the usability, stability, and/or security of AICHAIN and consequently bring adverse impact on the value of AICHAIN Token. Open source codes rely on transparency to promote community-sourced identification and solution of problems within the code. The AICHAIN Foundation will work closelywith the AICHAIN community to keep improving, optimizing and perfecting the source code of AICHAIN onwards.

8) Unpermissioned, Decentralized and Autonomous Ledger

There are three prevailing categories of distributed ledger adopted among the contemporary blockchain projects, namely, unpermissioned ledger, consortium ledger and private ledger. AICHAIN's underlying distributed ledger is an unpermissioned one, which means it is publicly accessible and useable to everyone on a permission-free basis. While AICHAIN is initially developed by the AICHAIN Foundation, it is not owned, operated or otherwise controlled by the AICHAIN Foundation. The community of AICHAIN, which is spontaneously formed and is open, decentralized and admission-free to join, is composed of users, fans, developers, AICHAIN Token holders and other participants worldwide who are mostly not connected with the AICHAIN Foundation in any manner. Such a community will be decentralized and autonomous as to the maintenance, governance and even evolution of AICHAIN while the AICHAIN Foundation will merely

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be an active player in the community peer to others without supreme or arbitrary authority, irrespective of its earlier efforts and contributions to the genesis of AICHAIN. As a result, it is not at the mercy of the AICHAIN Foundation how AICHAIN would be governed or evolve after the Launch.

9) Update of Source Code

The source code of AICHAIN is open and could be updated, amended, altered or modified from time to time by any member of the community of AICHAIN. Nobody is able to foresee or guarantee the precise result of an update, amendment, alteration or modification. As a result, any update, amendment, alteration or modification could lead to an unexpected or unintended outcome that adversely affects AICHAIN's operation or AICHAIN Token's value.

10) Security Weakness

The blockchain of AICHAIN rests on open-source software and is an unpermissioned distributed ledger. Regardless of the AICHAIN Foundation's effort to keep the AICHAIN system secure, anyone may intentionally or unintentionally introduce weaknesses or bugs into the core infrastructural elements of AICHAIN which the security measures adopted by the AICHAIN Foundation are unable to prevent or remedy. This may consequently result in the loss of AICHAIN Token or any other digital tokens held by a purchaser.

11) "Distributed Denial of Service" Attack

The Ethereum is designed to be public and unpermissioned and therefore may suffer cyber-attacks of "distributed denial of service" from time to time. Such attacks will adversely affect, stagnate or paralyze the network of the AICHAIN system and accordingly render the transactions thereon delayed to be recorded or included in the blocks of the Ethereum blockchain or even temporarily unable to be performed.

12) Insufficiency of Processing Power

The rapid growth of AICHAIN will be accompanied by a surge of transaction numbers and demand of processing power. If the demand of processing power outgrows how much the nodes of the Ethereum blockchain network can then provide, the network of AICHAIN could be destabilized and/or stagnated, and there could be fraudulent or false transactions such as "double-spending" to arise. In the worst-case scenario, the AICHAIN Token held by the purchasers could be lost, and rollback or even possibly trigger hardforking of the blockchain of the Ethereum. All these consequences would do harm to the usability, stability and security of AICHAIN and the value of AICHAIN Token.

13) Unauthorized Claim of AICHAIN Token for Crowdsale

Any person who gains access to the AICHAIN Token purchaser's registered email or registered account by deciphering

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or cracking the purchaser's password will be able to claim the purchased AICHAIN Token for Crowdsale in bad faith. As such, the relevant purchased AICHAIN Token for Crowdsale may be missent to the person whoever claims that the same through the purchaser's registered email or registered account, which sending is not revocable or reversible. Each AICHAIN Token purchaser shall take care of the security of his/her registered email and registered account throughout by taking such actions as: (i) using a highly secure password; (ii) refraining from opening or responding to any scam emails; and (iii) keeping strictly confidential all the secret or personal information about himself/herself.

14) Private Key of AICHAIN Token Wallet

The loss or destruction of a private key required to access AICHAIN Token may be irreversible. AICHAIN Token are controllable only by possessing both the relevant unique public and private keys through the local or online AICHAIN Token wallet. Each purchaser is required to safeguard the private keys contained in his/her own AICHAIN Token wallet(s). Where such private key of a AICHAIN Token purchaser is lost, missing, divulged, destroyed or otherwise compromised, neither the AICHAIN Foundation nor anyone else will be able to help the purchaser access or retrieve the related AICHAIN Token.

15) Popularity

The value of AICHAIN Token hinges heavily on the popularity of the AICHAIN system. AICHAIN is not expected to be popular, prevalent or widely used soon after the Launch. The worst-case scenario is that AICHAIN may even remain marginalized in the long run, appealing to only a minimal portion of the users. By contrast, a significant portion of AICHAIN Token demand could be of speculative nature. The lack of users may result in increasing volatility of AICHAIN Token market price and consequently compromise AICHAIN's long-term development. The AICHAIN Foundation will not (nor has the responsibility to) stabilize or otherwise affect AICHAIN Token's market price if there is any such price.

16) Liquidity

AICHAIN Token is not a currency issued by any individual, entity, central bank or national, supra-national or quasi-national organization, nor is it backed by any hard assets or other credit. The circulation and trading of AICHAIN Token on the market are not what the AICHAIN Foundation is responsible for or pursues. Trading of AICHAIN Token merely depends on the consensus on its value between the relevant market participants. Nobody is obliged to redeem or purchase any AICHAIN Token from any AICHAIN Token holder (including the purchasers). Nor does anyone guarantee the liquidity or market price of AICHAIN Token to any extent at any time. To divest his/her AICHAIN Token, a AICHAIN Token holder would have to locate one or more willing buyers to purchase the same at a mutually agreed price, which attempt could be costly and time-consuming and does

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not necessarily bear fruit. And there could be no crypto-currency exchange or other marketplace having AICHAIN Token listed thereon for trading.

17) Price Volatility

Cryptographic tokens, if traded on public markets, usually have extremely volatile prices. Fluctuations in price over short periods of time frequently occur, which price may be denominated in Bitcoin, Ether, US Dollars or any other fiat currency. Such fluctuations could result from market forces (including speculations), regulatory changes, technical innovations, availability of exchanges and other objective factors and represent changes in the balance of supply and demand. The AICHAIN Foundation is not responsible for any secondary market trading of AICHAIN Token no matter whether or not there would be such markets for AICHAIN Token. Therefore, the AICHAIN Foundation neither is obliged to tame the price volatility of AICHAIN Token nor cares about that. The risks associated with AICHAIN Token trading price have to be taken by the AICHAIN Token traders themselves.

18) Competition

AICHAIN's underlying protocol is based on an open-source computer software such that nobody claims copyright or any other type of intellectual property right of the source code. As a result, anyone can legally copy, replicate, reproduce, engineer, modify, upgrade, improve, recode, reprogram or otherwise utilize the source code and/or underlying protocol of AICHAIN in an attempt to develop a competing protocol, software, system or virtual platform or virtual machine, which is out of the AICHAIN Foundation's control and may consequently compete with or even overshadow or overtake AICHAIN. Moreover, there have been and will be various competing blockchain-based platforms that compete with AICHAIN. The AICHAIN Foundation will in no case be capable of eliminating, preventing, restricting or minimizing such competing efforts that aim to contest with or overtake AICHAIN.

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