

THE KAI COIN WHITE PAPER

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“ KAI COIN, Which is the Cryptocurrency Platform

Changing The Value of Currency ”

www.kaicoin.io

CONTENTS

1. Abstract
2. Background
3. Purpose
4. Introduction
 - 4-1 Company
 - 4-2 Surroundings to Use of the KAI COIN
5. Technology
 - Blockchain
 - Algorithm
6. Road Map
7. Platform of the KAI COIN
 - 7-1 Business Platform
 - 7-2 Platform for Social Contribution
8. Fund - Raising
9. Conclusion

1. Abstract

The KAI COIN is invested and developed by KAii to increase the profit of KAii members and to use the payment of the worldwide contents concerning KAii.

The KAI COIN is developed to supplement the technical skills of Bitcoin and Ethereum and developed to enhance the transmission speed by 10 times and to keep perfect security.

Especially KAI COIN is estimated as security – centered cryptocurrency.

The total supply of the KAI COIN is confined to 2.1 billion and the KAI COIN brings the value-rising effect according to the scarcity of itself in spreading over the World.

In addition, the surrounding system has been already built to use mobile-games, e-shopping malls, and VR contents and so on.

Afterward the surroundings to use will be fast extended.

The KAii itself will operate the consolidated exchange system.

This means to pursue the profit of the members through the perfect security system and to enter into dealing with KAI COIN, Bitcoin, Ethereum, and the several noted Alt-coins.

2. Background

The blockchain was implemented as the central technology of Bitcoin in 2009 by Satoshi Nakamoto.

Bitcoin used blockchain to solve the double spending problem, which is the main ground for as a financial transaction ledger where individuals Publicly record transfers of currency.

Afterward there have been numerous Altcoins leveraging blockchain technology.

There are about eight-hundred cryptocurrencies, which are competing and trading successfully throughout the world.

Today many of companies and banks are investing for thchnology of cryptocurrency through consortium blockchain

Blockchain technology are researched and developed by several groups concerning with digital assets besides currency transaction, financial, products, services, logistics information, property, identity, and so on.

Following Bitcoin, Ethereum was developed on July in 2014 by Vitalik Buterin.

Ethereum has its blockchain providing smart contracts which can be used to create contracts that can be used to encode arbitrary state transaction functions.

The aim of the blockchain based on smart contracts is to allow users to write any kind of contract(or program) onto the blockchain and the smart contracts can be used to developed : decentralized marketplaces and currency exchange platforms.

However, there are some problems with Bitcoin.

One of the problems is delayed transmission speed.(payment / remittance)

Another is narrowness of the block volume. In the Ethereum case, the problem is security vulnerability(the problem of DAO program).

Today the concern for the 4th currency, Cryptocurrency, is rapidly spreading all over the world.

Accordingly the more secure and convenient coin is requested now.

The KAI COIN reinforces the convenience and the security to use by making up for the shortcomings of Bitcoin and Ethereum.

Especially, KAI COIN is developed to give the convenience and profit to the users by providing the blockchain technology focused on e-commercial (games, on-line shopping malls).

3. Purpose

The KAI COIN is developed by overwhelming desire of KAii members who are wanting to improve the out-of-date system of cryptocurrency .

The KAI COIN is the cryptocurrency that meets the needs of users such as security, speed, and transparency.

The issuance way of KAI COIN is mining and its Hash Algorithm is SHA256 Script, which can supplement the shortcomings of Bitcoin such as the delayed transmission speed and the security vulnerability.

Above all, the blockchain of the KAI COIN is developed to focus on e-commercial. This means that the users of the KAI COIN can use the coin more conveniently and economically.

The KAI COIN must be the medium of payment of 7,000 subsidiaries companies of the KAii and each company will build the systematic and cooperative network.

The KAI COIN has its goal to be the best global cryptocurrency which can be used as e-commercial coin across the world.

4. Introduction

4-1. Company(KAii: Korea Association Individual Investment)

The KAI COIN was founded on December in 2010.

The KAii is nonprofit organization and its goal is to assist

the economic education, the investment education and the angel investment club and to campaign the stock-contribution through cooperation with lots of partners, and to bring up about hundred – thousand sound investors.

The business of the KAii is categorized into four parts.

First, Financial Education Business

This business gives the members the asset management and investment education and economic education service to the youth through the financial education program of the KAii Academy.

Second, Promotion Business for Investment Club

This business gives the members the investment opportunity by finding valuable companies throughout the angel-club foundation and the operation assistance.

Third, Stock-Sharing Business

This business means the cooperating network business with 7,000 subordinate companies. As a part of social communities, the KAii is willing to join the innovative stock-sharing campaign and to practice the social responsibility.

Last, Digital Industry Investment and its Operating Business Based on

Information Technology

The KAi founded the Headquarter of KAI COIN under the KAi, considering the new cryptocurrency which is required to the Fourth Industrial Revolution and the payment system, in particular security, speed, and profit.

The KAI COIN will be used by not only the KAi and its members but also the partners as followings; White Stone, KAi Asset, Allreve, Allstarworld, KAiREX, and so on. And the KAI COIN will be used as the global game

companies and on-line shopping malls, and the franchises with famous brands.

Due to the characteristics of the cryptocurrency, the value of the coin will be up in increasing the supply compared with the limited total coin amount, which will provide the profit with members holding the KAI COIN.

4-2. Surroundings to Use

4-2-1. Entreport Service of the Items of On-line Games

Items mean a variety of instruments on the on-line games and items are traded like a spot among game-users.

Beside of game items; "game-money" and "accounts" are subject to

trading of course.

On starting a spot-site treating cash – business of items;
the bigger derivatives market more than the on-line game
industry begins eventually.

Therefore the game-development company concentrates on
developing items of derivatives prior to game-development and
the success or not of games depends on the game-price in
question.

The KAI COIN is used as means of payment in purchasing
the game-items on the spot-service site and the KAI COIN will
be more and more demanded in the field on conditions.

www.allstarworld.co.kr

4-2-2. On-line Shopping Malls

On-line shopping is said to surf and order the goods by using the
internet, the personal computers, and the mobile phones.

Payment is done by the credit cards and the mobile-pays.

This on-line shopping show rapidly increasing tendency according
to growing information communication technology and growing
the users of the internet and spreading convenience.

But on-line shopping has several problems: personal information

extrusion, unstable payment system.

And so the cryptocurrency is developed into the new payment means.

On this, the KAI COIN can solve the problems of the instability of payment system, the double spending problem, exposing identity of the payers, and excessive charge in paying.

On-line Shopping Malls contracted with the KAI COIN

Korea Allreve(Inc), Ynabi(Inc)

www.allreve.com , www.ynabi.com

4-2-3. Franchise

Franchise is a shop or a store which is belonged to a business union.

Franchising is a kind of contract between a shop and a business union.

Franchise can expect to get creating profit and managing assistance through brand name from the business union.

Nowadays the number of franchise is increasing explosively.

The KAI COIN will cooperate with the companies holding famous brand and try to be the KAI COIN as the means of payment.

Franchise contracted with the KAI COIN

Rosenbee Hospital www.rosenbee.com

4-2-4. KAI COIN Mobile Service

① E-Wallet

This e-wallet can receive the coins and manage the account.

② KAI Talk Service(Communication System)

Global chatting is available with the service like KaKao Talk and Wechat.

③ KAI Book

This can serve various social network services like Facebook.

④ Others

The KAI COIN can fulfill the service functions: giving and taking gifts between friends, surfing the KAI COIN franchise all over the world, and patronizing and donating by giving the KAI COIN.

5.Technology Details

The KAI COIN is based on Bitcoin core for its scarcity and stability.

5-1. Blockchain

To prevent preoccupancy and monopoly from a particular group or organization, starting clearly with the information about pre-mining and restoration to the society, true or not. Everyone can join the mining, the KAI COIN shares compensation with public blockchain method.

Accordingly, the security of the cryptocurrency system in question

is higher up. Public blockchain is called permissionless Ledger.

This means that anyone else can read and verify the blockchain data without permission.

The KAI COIN follows this tech skill and anyone can download the blockchain, inquire any data and participate the record by signing code.

Participants can decide input a certain data, or not by voting. Being in proportion to not number of nodes, but computing power which is input, the right of voting is given and the nodes can verify the integrity of block-data and take part in Proof – of – Work(PoW).

5-2. Blocktime and Blocksize

From the beginning, the KAI COIN has its 3,000~4,000 members, so the speed of transaction and the security is very important.

Thus by making the block size from 4 kbyte to 2048 kbyte and the speed of transmission enhance, the steady speed of transmission can be obtained.

We can chain hashing block in 60 seconds by fixing 60- second blocktime.

This means that the blocktime of the KAI COIN is faster than that of Bitcoin by 10 times by means of SHA256 Hash Algorithm. The blocksize

and the blocktime are the most important issues of the next generation cryptocurrency. These two issues can block off miscarrying and delaying payment system, and so ensure security itself as Bitcoin.

By choosing the 2048 kbyte which is thought to be the most effective blocksize, we can settle the former blocksize problem.

5-3. Multi-signature Script

Pay to Script Hash(P2SH) can provide the coding that is required two signature simultaneously to be used easily. P2SH can alternate the coded Hash Power with digital letters by using the complicated script, and P2SH can provide the effective system of transmission systematically including Merit of reducing the volume of transaction.

5-4. Period – in - Half

The blocktime is one minute

- 1) The period – in –half is two years.
- 2) When 1 billion coins are mined in half every two years, it takes about 50 years for the KAI COIN to dissipated.
- 3) The initial mining starts in 2017 and all the mining work will be ended in 2067.

5-5. KAI COIN Specification

1) Hash Algorithm

- SHA256 + SCRYPT

2) Total Supply : 2.1 billion

3) Way of Issuance : Mining

- Pre-mining : 1.1 billion
- Open source – mining : 1 billion

4) Mining Algorithm

Mining	Pre-sale	Period	Supply (KAI COIN)	Remark
Pre-mining	Pre-funding	2017.05	2 hundred million KAI COIN	1Bitcoin = 70,000 KAI COIN
		2017.06	2 hundred million KAI COIN	1Bitcoin = 50,000 KAI COIN
		2017.07	2 hundred million KAI COIN	1Bitcoin = 30,000 KAI COIN
	Crowd-funding (ICO)	2017.08~09	2 hundred million KAI COIN	1Bitcoin = 25,000 KAI COIN
	Donation	2017.05~10	3 hundred million KAI COIN	
Open Source Mining		2017.10 ~ 2067.10	1 billion KAI COIN	-Mining period : about 50 years
Total			2.1 billion KAI COIN	

5) Surroundings to Use (Payment)

- Entreport Service of the items of On-line Games, Moves, E-shopping malls, KAii Surbordinate (Surbordinate companies)

6) KAIREX Open : 2017.10

→ www.kairex.net : KAI COIN Exchange

7) The Business Tie-up

.With Domestic and International Card Companies

(On schedule , 2017.10 ~ 2018.03)

8) To go public on the International Coin Exchange

(On schedule , 2017.10)

6. Road Map

1) New Website : 2017.01

- New Logo : 2017.01
- New Branch(KAI COIN Headquarter) : 2017.01

2) New Blockchain : 2017.02

New Algorithm : 2017.02

3) Overhaul of System : 2017.02

-Campaign : 2017.03 -Platform : 2017.03

4) Fund Raising : 2017.05~09

-1st pre-funding : 2017.05

- 2nd pre-funding : 2017.06
- 3rd pre-funding : 2017.07
- 4th Crowd-funding : 2017.08~09
- 5) KAI COIN Exchange : 2017.10
- 6) KAI COIN Release into E-wallet : 2017.09
- 7) To list on International Coin Exchange : 2017.10
- 8) KAI COIN will be trade at KAIREX : 2017.10
- To publicize the KAI COIN all over the world : 2017.10

7. The KAI COIN Platform

Today due to the fast development of ICT (Information and Communications Technology) , no one can survive the competition with old-fashioned method(thoughts and minds).

To meet the requirement of the age, the platform-basement appeared and it's been positioned as a key factor to success or failure of the companies.

Originally, the platform is a term that means a place where people get on or get off the vehicles, that is a station.

Nowadays the platform means the basic frame or system in the specific installation and the platform is used in the field of computers, vehicles, cryptocurrency, and so on.

The platform-based cryptocurrency (Ethereum) is developed at first by Vitalic Buterin in 2014.

Unlike Bitcoin which has function as simple money, Ethereum is different from Bitcoin in conception.

From now on, the platform-based cryptocurrency like Ethereum will lead the age of the 4th Industrial Revolution and make general trend.

The KAI COIN is also the platform-based cryptocurrency and via the KAI COIN, the KAii will develop various activities in the realm of business and social donation.

7-1. Business Platform

By establishing many of surroundings to use, the business platform can maintain the value as cryptocurrency and offer the value of investment, which is its goal.

Above mentioned, the surroundings to use are these : All Star World (game item handling), Worldwide E-shopping Malls, KAIREX, International Coin Exchange, KAI Asset, Pickle, White Stone, Korea Allreve, American Allreve, China Allreve, Dimple, and so on.

7-2. Social Donation Platform

First, by building the platform KAii can contribute to the sound finance of NGO (Non-Government Organization) in assisting the non-profit civil-sector activities and extending donation culture.

To achieve the goal, the KAii has already secured 100 million KAI COINS.

Second, the KAii can make the social donation infra bigger by sharing the blockchain technology with partners accumulated through cryptocurrency development.

8. Secure of Funds

The KAii planned for coin-issuance and fund-raising according to the followings to develop the technology, build the platform, secure the surroundings to use, and make public relations.

8-1. Coin Issuance(Mining)

The Total supply of KAI COIN is 2.1 Billion.

- 1) Pre-funding(six hundred million : 28.6%)
- 2) Crowd-funding(two hundred million : 9.5%)
- 3) Open source Mining(one billion : 47.6%)
- 4) Social Donation(one hundred million : 4.8%)
- 5) Company(two hundred million : 9.5%)

8-2. Fund Secure

8-2-1. First Pre-funding

- Period : 2017.05 (one month)
- ➔ Supply : Two hundred million KAI COIN
- ➔ Price : 1 BTC = 70,000 KAI COIN

8-2-2. Second Pre-funding

- Period : 2017.06 (one month)
- ➔ Supply : Two hundred million KAI COIN
- ➔ Price : 1 BTC = 50,000 KAI COIN

8-2-3. Third Pre-funding

- Period : 2017.07 (one month)
- ➔ Supply : Two hundred million KAI COIN
- ➔ Price : 1 BTC = 30,000 KAI COIN

8-2-4. Crowd – funding (ICO)

- Period : 2017.08~09(two months)
- ➔ Supply : Two hundred million KAI COIN
- ➔ Price : 1 BTC = 25,000 KAI COIN

9. Conculusion

The KAI COIN Headquarter which is the branch company of the KAii has strived for only developing an advanced cryptocurrency and exploiting the Value of Bitcoin and the platform basement of Ethereum.

Above all, the KAI COIN is well developed to pay e-commercial things, especially games item handling, e-shopping, movies.

The KAI COIN Headquarter is going to aim to make the coin users secure the convenience and profit with the help of the blockchain technology that has perfect security and intergrity.