MgcCoin

MGC TOKEN WHITE PAPER

Global Automated Trade Storage System

MGC Token White Paper

Create a borderless blockchain payment system

Content

Abstract

Since the development of the blockchain, it has been the most promising and imaginative technological revolution in the world.The blockchain is a decentralized,de-trusted network that can achieve peer-to-peer value exchange, which is called the value Internet.

The decentralized concept of the blockchain is gradually overthrowing the traditional monetary concept, and it has exerted great influence in the world within a short time. More people accept the digital economy era brought by the blockchain. However, the circulation of value and the storage of digital assets in the current block chains have become a huge demand. As an innovative storage payment service platform, MGC Token will also become the leader in the era of encrypted digital economy.

MGC Token is a global general digital asset storage platform. Users can use other encrypted digital assets for transactions. MGC Token provides the users with a secure storage environment for encrypted digital assets, supports the encrypted currency management of various blockchain underlying technologies, and provides a more convenient payment experience. With the help of blockchain technology, the landing ecosystem will continue to create a service platform in the field of full revenue for customers.

MGC Token will launch online ATS Smart Financing Service, and issue its own encrypted token on the MGC Token platform at the same time. As a reward, MGC will encourage more users to promote the development of MGC Token, and make each participant to become a sponsor of this platform. MGC Token will be the driving shares for all the participants,MGC will act as a token for MGC token platform at the early stage, and can achieve online and offline payment of landing scenes, then later link merchants from all walks of life around the world to realize the value of token token. At the same time, MGC tokens are constantly increasing in value, and continue to bring real returns to the owners of MGC tokens. The future of encrypted currency is not only investment and trading, but also ultimately serving consumers in all walks of life. This is an unprecedented change. We believe that MGC Token will become an indispensable key presence in this link.

MGC Token has already started to take action. We use blockchain to pioneer a combination of the hottest payment areas in the market and incorporate into the advantages of MGC tokens. MGC Token serves as an intermediary platform for providing the customers with the required consumer's protection for online trade, and the

platform gathers traffic to provide millions of merchants with consumption group, we hope to further optimize the advantages of encrypted currency, such as fast transaction, low cost and cross-border transaction resistance, allowing the merchants to make transaction with the growing holders of encrypted currency from all over the world. Our goal is to create an integrated payment application interface (API) for the market and be able to become the leader in the encryption payment industry, the content as mentioned above make MGC Token turn into the future trend, it will not only launch a precedent of encryption payment industry, but also build a one-station service for user's asset management.

However, our goal is much more than that. We believe that one of the key functions of encrypted currency in the digital age is to promote transactions and to be widely accepted as a non-friction and secure payment method. We believe that the current payment platform lacks the necessary functions to promote the application and use of the majority of merchants and consumers. Digital token is not only an asset of financial investment, the issuance of blockchain token can flexibly provide funds for product development team to create an innovative and practical platform. It will will be driven by the growth of goods and services, and it can maintain the operation depending on the revenue of fair expenses.

In the current blockchain technology, the processing capacity of blockchain is mainly limited by the performance of consensus algorithm, and the performance of consensus algorithm is also limited by the scale of system nodes and the processing capacity of single node. Under the current technical level, it is very limited for the space of optimizing and upgrading the performance for single block chain, and there are performance limits, which seriously restricts the application of distributed ledger technology in large-scale, high concurrency, low latency transaction business scenarios. Taking BTC as an example, high transfer fees and extremely slow speed are major drawbacks. The slow transfer speed is unbearable, and the high handling fees make small transactions inexpensive and unfeasible. It can be predicted that with the rapid development of the digital economy, the frequency and scale of future transactions will far beyond the current level. The bottleneck of performance is one of the most important problems to be solved in distributed ledger technology.

In the payment area, with the increase of the heat of digital currency and the application of currency, the demand for payment has been increasing. Lightning network and thunder network technology should be born. However, the design of lightning network and

thunder network is complicated, the technology landing is difficult, the development cycle is long, and the actual application time and effect of landing in the future are unknown.

In 2018, with the upgrading of block chain technology and the rise of digital economy, MGC Token provides a safe, efficient and simple storage environment for a variety of digital assets, and introduces ATS digital assets financing services, as well as platform support for construction of digital assets exchange, trading, digital assets payment and settlement system,etc.

With the digital assets continuously accepted by the public and the huge increase in demand, MGC Token will continue to update its technology and services iteratively, which will officially unveil the prelude of digital assets 3.0 era after experiencing the tide of digital assets 1.0 era and 2.0 era. MGC Token provides a secure storage environment for digital assets with multi-functional wallets and fast services for multi-currency management. MGC Token provides ATS smart financing service for digital assets, bringing daily stable profits to the users, strategic planning of landing ecology, and circulation of MGC token. MGC Token will become a multi-functional comprehensive service platform for digital assets.

In the era of blockchain digital economy, all the tokens firstly require to produce the value of internal circulation, and then the values produced by landing applications. MGC Token combined with the value of digital circulation and landing application, will surely usher in the next big trend ——the arrival of communication value + token economy. As the platform token, MGC will be used as a barrier-free token on the MGC Token platform, connect online and offline merchants in all walks of life and achieve landing application. It not only helps the transformation and upgrading of traditional industries, but also leverages the Internet economy and promotes the development of real economy.

MGC Token, a digital asset comprehensive service platform that integrates digital asset storage management, smart financing management and landing payment ecology, will continue to develop, create and serve entire field of human life under the support of underlying technology of blockchain.

Under such big background, the MGC Token platform initiated by AONE, UK, came into being at the historic moment. Combining the most popular block chain technology in the world with its offline powerful background, it is devoted to change the current

environment of global payment. Digitalization of assets has become the trend of development in the future. Traditional payment methods are incompatible with today's high-speed information development. The transfer of cross-border takes several days to confirm. The currencies must be converted into local legal currencies for outbound tourism, and extreme non-transparency of transaction have all become a difficult problem under the current global integration.

The introduction of MGC Token enables users to transfer remittances in a timely manner worldwide, and the transfer for cross-countries and cross-borders can be realized by such payment network. With the automatic conversion of exchange rate on the platform, the confirmation of transaction can be completed in a few seconds without any transaction cost. Moreover, the rise of MGC make it more convenient to consume during traveling abroad, consumers can use MGC Token scanning to transfer money freely, while reducing handling cost between consumers and merchants. The de-centralized payment of MGC Token is a close combination of cash-free, card-free transaction and digital assets, and creates an unlimited payment platform.

MGC Token is committed to serving the global payment scenario for portals through blockchain technology innovation, and is actively expanding its global business with new business models and value returns.

MGC Token has a strong R&D team of block chain technology, and has four experts from the world's top blockchain field. The token will be issued by MGC Token called as (MGC Coin, hereinafter referred to as "MGC", "Token"). After issuance, it will not only run in MGC Token's own system, but also be online and freely traded on the world's major encrypted currency exchanges. At the same time, it will create the preferred online landing ecological payment.

1 Market analysis and background introduction

1.1 Market environment

Since 2010, the transaction scale of the third-party payment market has maintained an average annual growth rate of more than 50%. The mobile payment transaction scale in 2016 is 38.6 trillion yuan, and the third-party payment data is expected to reach 200 trillion yuan by the end of 2017. Capgemini released the "Global Payment Report 2017". The global non-cash transaction volume increased by 11.2% in 2014-2015, which is the fastest growth over the past decade, and fastest rate of increase is mainly driven by the developing market. In 2015, non-cash transactions in developing countries grew by 21.6%, while those in developed countries grew by only 6.8%. Among the top 10 countries with the highest volume of non-cash transactions, China climbed to the third place, with 38.1 billion non-cash transactions in 2015.

Although digital payments are becoming more popular,cash remains the mainstream, especially in the aspect of small amount of transaction. In addition to the scale of transaction,the use of cash is closely related to age. According to the "Digitalization, Trade and Development Report" issued by the U.N conference on Trade and Development, the amount paid by credit card and debt card in 2014 accounts for more than half of all payments in E-commerce industry. In China, Information Office of the State Council held a press conference on the development of industrial telecommunications industry in 2017 on January,30,2018, and the released data showed that Chinese E-commerce, mobile payment, sharing economy led the world, especially the volume of transaction by mobile payment was closer to 150 trillion RMB, which ranked the first place in the world.

In addition, with the promotion of "block chain technology", asset digitization will become an important topic in the future. Under the blooming market environment of the encrypted currency, encrypted currency is not widely used in the current offline trading scenario. With the increasing popularity of the use and concept of encrypted currency, it is believed that in the near future, encrypted currency will also be integrated into our daily life and consumption.

What MGC Token wants to do is to create a new digital ecological chain of global payment + currency storage. MGC Token will also gradually establish a global point-to-

point payment network to provide digital currency storage and other digital currency exchange services; users can collect and pay through MGC Token without any fees, and make the value currency MGC of global smart payment circulate. It will become the mainstream intelligent P payment digital currency in the world, take block chain technology as the core carrier, and landing token as the basic development strategy, leading the new global payment model.

1.2 Opportunities and challenges of digital assets industry

Throughout the historical evolution of the development of human currency, from the exchange between barters, to the shell, metal, paper money as currencies, and then due to the development of market trade, electronic currency with bank cards as carrier began to emerge. With the advent of the Internet and the development of E-commerce, PayPal, Alipay and WeChat have come into being. When people are immersed in the convenient enjoyment of online payment, the birth of block chain technology has broken the silence again, and digital assets have arrived.

From the history of currency development, we can see clearly that in order to cope with the increasing volume of transactions, our payment methods are constantly breaking the limitations of time and space, human demand is endless, digitalization has become an inevitable trend. Just like electronic money has made banks, Alipay and other service providers, the rise of digital assets has also brought a lot of development opportunities, such as providing a secure, simple and efficient storage environment for digital assets, digital asset smart financing service, digital asset conversion, trading, digital assets payment and settlement system construction, etc., and the digital asset industry urgently needs to build a strong infrastructure.

However, at present, digital assets are still facing some related problems, such as storage security, operation complexity, high handling fees and narrow channels for asset value-added financing. The market vacancy in the digital assets industry is both a challenge and an opportunity.
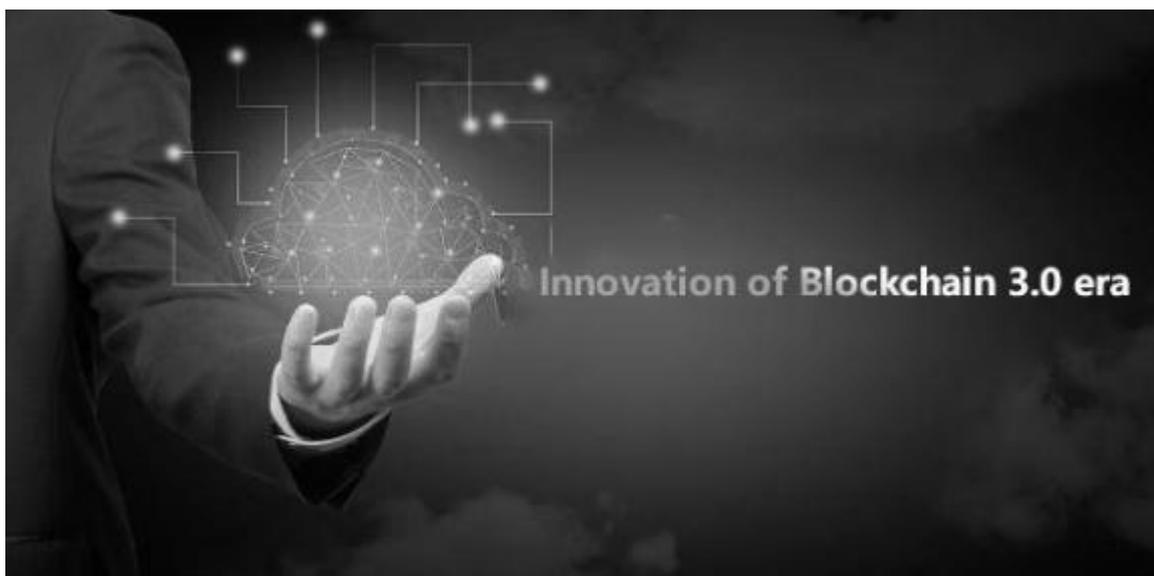
Innovation of Blockchain 3.0 era

1.3 Development history of blockchain

1.3.1 Blockchain 1.0-Bitcoin

The concept of BitCoin was originally proposed by Satoshi Nakamoto in 2009. It is based on the idea of Satoshi Nakamoto to to design and publish open source software and build its P2P network. Point-to-point transmission means a decentralized payment system.

With the first batch of Bitcoin excavated by Satoshi Nakamoto, it marks the arrival of the era of blockchain 1.0. The digital currency represented by Bitcoin and Litecoin has been endowed with the function of currency. For the first time, the digital currency has been linked with real things, making the digital currency a truly valuable currency. Block Chain 1.0 is mainly composed of digital currency and payment behavior. It mainly has the function of de-centralized digital currency and payment platform and its goal is to de-centralize.

What are the disadvantages and imperfections of block chain 1.0 represented by Bitcoin? The size of Bitcoin 1M blocks leads to a slower and slower transfer speed when the transaction frequency is getting higher and higher and people need more and more. This problem can be solved by expansion, so Bitcoin cash came out later. Only satisfying the transaction and payment function of digital currency makes the application not be widely used in our daily life. The benefits to our daily life are very limited, but it also gives the opportunity for technological iteration.

1.3.2 Blockchain 2.0-Smart contract

Blockchain 2.0 is the development and application of smart contract represented by Ethereum and XRP in the financial sector, the smart contract can automate simple transactions for the financial industry, it has the features of high efficiency and transparency, which makes new changes in the financial industry. It can said that Ethereum has set off the wave of Blockchain 2.0. The 2.0 era represented by Ethereum has derived many blockchain application beyond the currency by adding smart contract technology,i.e, the Ethereum has established a programmable and turing complete blockchain. In simple words, it allows anyone to build and run decentralized applications through blockchain technology. The smart contract technology of 2.0 era is more convenient and smart to achieve the scenarios in the real life of users.

At this stage, due to the limitations of the scale of participation and the field to which the application belongs, the elements of the Blockchain 2.0 era have the following characteristics: mainly focusing on specific objects (such as the parties to the contract), and the transactions are mainly based on specific assets (such as the ownership or other interests of real estate, intellectual property), and the scope of transaction has relative limitation, low frequency and narrow area.

1.3.3 Blockchain 3.0——Token economy

The digital economy of token will ultimately serves landing industries. Blockchain 3.0 era, rise of token, "token economy" are the changes in the production relationship brought about by the development of productive forces. The blockchain technology has moved from the financial sector to the token economy and begun to land applications.

One of the value core of the block chain is Token, which is a kind of value certificate. The token economy is the value carrier of the value internet. There are many kinds of value carriers, such as currency type, application type and equity type. The greater the contribution made in the system of token economy, the more the tokens will be obtained ; The better the collaboration can be made, the higher the intrinsic value of the circulation they have. By means of economic incentives, every person and role in the whole ecological circle should participate in cooperation and maintenance spontaneously. As an incentive medium for large-scale group collaboration, the token can greatly mobilize the enthusiasm and creativity of community participants, fully stimulate the vitality of the economy, and greatly promote economic growth.
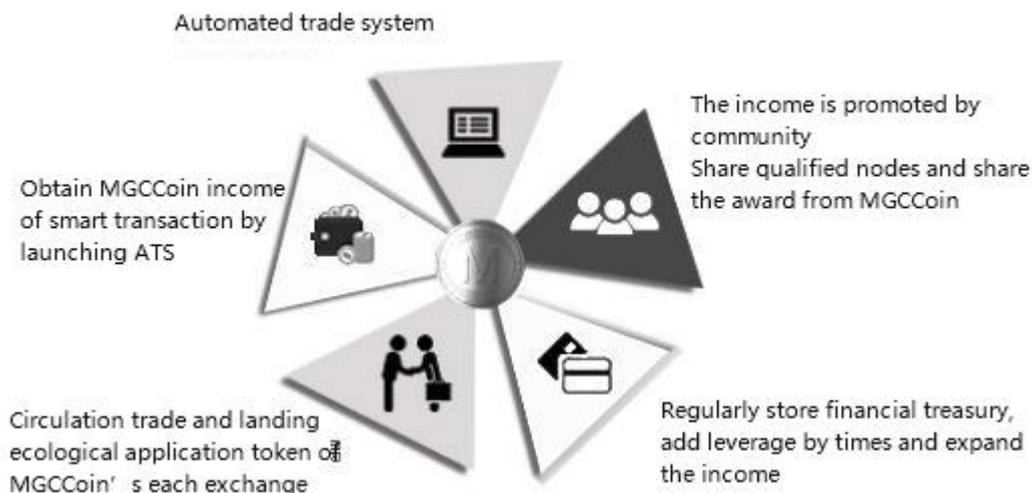
Arrival of MGC token

1.3.4 Meaning of token

Digital rights and interests prove that the token must be a certificate of rights and interests existing in digital form. It must represent a right, an inherent and intrinsic value. Encrypted Token,i.e, the authenticity of the token, tamper-proof modification, privacy protection and other capabilities are guaranteed by cryptography and computing power. Each token is a right protected by cryptography, which is more reliable than the protection provided by any law or authority. (Token) can be circulated, i.e, the token must be written into the block, and with the maturity of the Internet distributed technology in the 21st century, the token can be thoroughly circulated in the network. It can be verified, traded and converted (token) at any time and anywhere. In fact, the token can realize the proof of rights and interests, and all the proof of rights and interests of human society, which can be represented by the token.

1.4 Token economy is the digital economy of innovative Internet

Token economy not only can promote value exchange, but also can strengthen the supervision and management, it is a major reform of market economy. In essence, the token economy redefines the market economy with future information infrastructure such as cryptography and supercomputer opened by cross-border open source.n this way, the most important thing in the future will be the token. Blockchain will be the best technology to support the operation of the token. Blockchain provides the token with a solid foundation of trust. Both of them have been forged together and become the important foundation of the future digital economy. Since the birth of BTC, the first

encrypted digital currency of mankind, has achieved a qualitative leap, which is accepted by the human economic world. At the same time, it allows us to see the future of the next generation of Internet digital economy, i.e (Token). For example, at this stage, the Internet wallet will store our legal currency assets in various bank accounts, and realize efficient and convenient online storage and payment, as well as settlement, to support the storage and transaction of various "Token", and the payment of personal digital assets smart wallet will play a vital role in the next generation of Internet digital economy.

1.5 Main problems of market economy

Every year, consumption between consumers and merchants is expected to reach $22 trillion, with the wealth benefits of global economic integration and annual GDP growth. Traditional payment market will face many problems and development bottlenecks. Generally speaking, it can be observed that the traditional payment mode is extremely inefficient and the transaction transparency is low.

Bottleneck1: The painful points in cross-border payment are the long period of arrival, high cost and low transaction transparency. Take the third-party payment company as the center, complete the accounting, settlement and liquidation in the payment process. The arrival period is long. For example, the arrival period of cross-border payment is more than three days, and the cost is high. For example, PayPal, the transaction fee rate of common cross-border payment is 4.4%+0.3 US dollars, the withdrawn of cash is in China and account transferred into by US dollars, 35 US dollars in a single transaction, and 1.2% in RMB.

Bottleneck2: The pain points in financial sector of supply chain lies in the long financing cycle and high cost. Focusing on the core enterprise system of the supply chain, it is difficult for third-party credit agencies to identify the authenticity of various relevant documents in the supply chain, resulting in long manual audits and high financing costs.

Bottleneck3: The pain points in the acceptance market lie in three risky issues.
Operational risk: Due to centralization of the system, once the central server fails, the whole market will be paralyzed. Market risk: According to statistics, in 2016, there are seven risk events involving more than hundreds of millions of dollars, involving many banks; moral hazard: there are events such as "one ticket with more sales" and false commercial bills of exchange in the market.

Bottleneck4: The business pain point in the asset securitization is that the underlying assets can not be guaranteed true or false; many participants, low transparency of operation links, low information asymmetry and other issues, which make it difficult to control the risk.The pain points of data lies in the inefficiency of circulation among participants, the large amount of manpower and material resources needed for fund clearing and reconciliation among trading systems, the various channels of asset repayment online and offline, the inability to monitor the real situation of assets, and the trust of institutions in the transaction chain on the authenticity and accuracy of underlying asset data after the formation of asset packages.

1.6 Mission and prospect of MGC Token

MGC Token's mission is to build the strongest and powerful infrastructure in the digital asset industry, provide the best quality, safe, convenient and efficient services for digital asset enthusiasts, popularize the application of block chain technology in all walks of life, open up the whole area of block chain life, and lead the new era of change.

MGC Token provides a secure storage environment, multi-currency management services and stable ATS digital asset financing benefits for digital assets with a global automated trade storage system.However, the digital economy will eventually achieve the ecological token of landing, MGC Token launched MGC of platform token,paving the way for the next trend - the arrival of the token economy.

MGC Token will build a strong P2P ecosystem and a decentralized business ecosystem. Through the value docking between digital assets and real business, connecting all walks of life, MGC as a barrier-free token on the platform has the function of fast payment of consumption, openness, transparency and decentralization. As a high-performance and high-frequency quantified hedging transaction, brick removal revenue, incentives, fees and payment circulation of online and offline industry chain on MGC Token platform, MGC Token perfectly combines powerful offline entity services with efficient Internet finance of blockchain , will build a bridge between digital currency and legal currency, and build a global digital passport settlement network system.

Taking platform token MGC as an incentive mechanism, it stimulates users' enthusiasm and creativity in consumption and promotion, stimulates domestic demand, promotes economic growth, provides more efficient and valuable smart services for users and merchants, helps token economy move the transformation and upgrading of real

industries, and ultimately makes digital economy serve all walks of life, and promotes the blood circulation and regeneration of modern digital economy.

2 Introduction of MGC Token

MGC Token is a multi-functional payment wallet based on blockchain technology. It is also a decentralized trading platform. It has zero handling fee without borders, mainstream virtual money storage platform and electronic wallet scanning payment. It is a multi-functional decentralized payment tool, which will facilitate the sharing and service between global online payment merchants and consumers. MGC Token is a new form of global payment based on blockchain and smart contract based on point-to-point network technology.

2.1 Brief introduction of platform

MGC Token is a comprehensive service platform for digital assets, which integrates digital assets one-stop secure storage management service, smart financing management and payment ecology. As a comprehensive service platform for digital assets, MGC Token provides a safe environment for millions of coins to store digital assets, and opens up smart profit income at zero risk, bringing steady profits for millions of coins. After experiencing the blockchain 1.0 and 2.0 era, the block chain will enter the 3.0 era, i.e, age of token economy.The digital economy will eventually realize the intrinsic value of transmission, circulation and landing applications. MGC Token lays a strong foundation for the arrival of the token economy through the layout of the comprehensive service platform of digital assets.

2.2 Ecosystem of MGC Token

As a comprehensive service platform for digital assets, MGC Token includes three functional modules: ATS digital assets smart financing , smart financing treasury and the payment ecosystem of token economy.

2.2.1 MGC smart mobile wallet

MGC smart mobile wallet can store different underlying technologies such as BTC, ETH, DOGE, XRP, LTC, EOS, cross-chain Token, and realize one-stop storage and management of multi-currency.With easy operation, hundreds times of anti-pressure tests and powerful anti-theft technology, the security of users' digital assets can be guaranteed at the maximum.

2.2.2 Digital asset financing platform

MGC Token belongs to a new generation of digital asset wallet, which is different from the Wallet 1.0 and 2.0 era. One of the highlights is the establishment of ATS smart financing system on the premise of guaranteeing the security performance of user wallets. It is invested and operated by BG-MF,U.K. It jointly creates the function of giving coins to investors to open the smart financing system after depositing coins, so as to realize smart and safe financing in the wallet. By the smart hedging trading system of automatic system, the biggest profit point of MGC Token is risk-less arbitrage spreads with regards to the coins given service of one-key quantization issued by smart financing person.

Automated trade system is used to automatically achieve the real-time multi-trading platform brick-moving transactions and the unique global real-time high-frequency hedging transactions to obtain spreads, achieve a stable monthly return and reward the majority of the earnings to participants in the form of MGC.
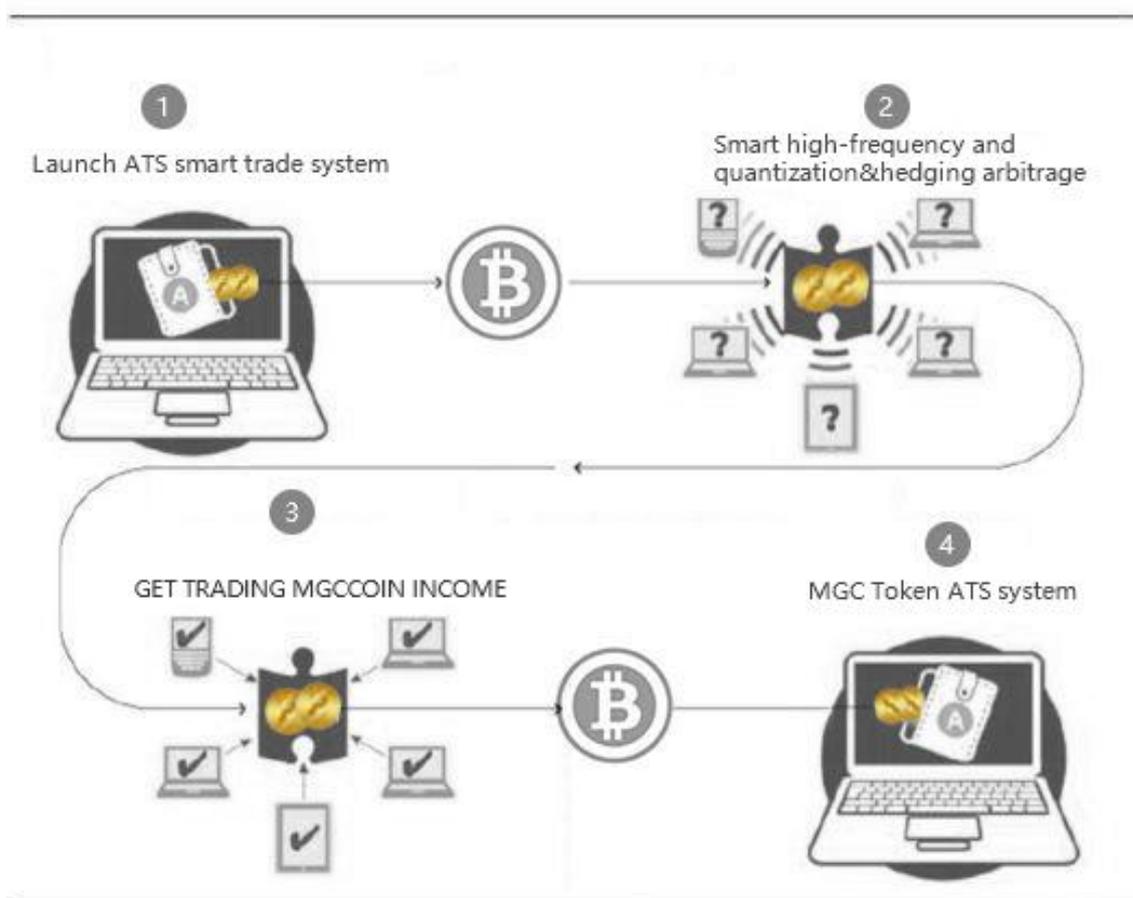
Automated trade system

Automated trade system(abbrev.ATS), uses high frequency quantitative hedging transactions. Hedging is a way to obtain the profit from investment while reducing business risk, a risk-free arbitrage strategy.Hedging transactions have their own natural anti-risk nature. The only risk is the handling fee, but as long as the digital assets have volatility and activity, whether rising or falling will earn instantaneous spreads between spot and futures.

And the quantitative trading enabled by ATS smart financing system replaces the artificial subjective judgment with advanced mathematical models, and uses computer technology to select a variety of "high probability" events that can bring excess returns from the vast historical data to formulate strategies, and can maximize risk reduction and achieve stable returns.

Storing digital assets in MGC Token's smart wallet and launching ATS smart financing function is equivalent to buying a money-making machine for free. Smart trading robot will track and capture large data and efficient market analysis of major trading platforms in real time, carry out smart arbitrage transactions in real time, and participate in dividend distribution by the whole people.

MGC Token smart wallet has its own hematopoietic function. It maximizes the leverage of digital assets with zero risk. At present, it only deals with the mainstream digital currency in the world, not securities and futures. The R&D team has been developing for more than a year, which is the most advanced system in the world and most in line with the trading habits of the currency circle, based on absorbing the traditional high-frequency trading and combining the trading characteristics of digital currency.

ATS smart trade system

2.2.3 Security of storing digital asset

The development of MGC Token digital asset wallet is based on the underlying decentralization technology of the blockchain, it is a secure and reliable trading platform, and the user's digital assets and transaction records are written into the blockchain distributed network ledger instead of the MGC Token on the server. Only the digital asset holder of holding the private key can operate. In order to protect the security of the user's assets, MGC Token allows users to manage their own digital assets, such as private keys. Once the user's private key is acquired by others and is likely to change the password to steal user assets, the MGC Token MGC wallet can be exported via a transaction password. Users must manage their private key and transaction password.

2.3 Token value of MGC Token

MGC Token will create an online and offline ecosystem to build a decentralized business ecosystem. By docking the value of digital assets and physical business, the MGC platform token is used as barrier-free token on the platform with openness, transparency, decentralization, and to build a global digital token settlement network, and perfectly combine strong offline experience service and high efficient blockchain Internet finance. The MGC platform token used as an incentive mechanism to stimulate users' enthusiasm for consumption and promotion, promote economic growth, provide more efficient and valuable smart services for users and merchants, and realize the transformation of block chain network of commercial services.

MGC pass/token is used as the token economy of MGC Token platform, which allows more people to participate in ecological construction in the area of block chain payment and storage. It involves the construction of hundreds of industries, such as real estate industry, jewelry industry, health care industry, tourism industry, media industry, real estate industry, entertainment industry, e-commerce industry, automobile industry and catering industry.

The development of token economy for MGC Token allows more people to participate in the construction for all walks of life, achieving the development goals of industrial integration, cross-border applications, cross-border payment, and cross-system application.

2.4 Commercial innovation

During the commercial development, MGC Token will solve two problems at the same time. Firstly, the merchants have low acceptance of encrypted currency. MGC Token will cooperate with the current payment network, which will promote the future acceptance of encrypted wallets by tens of millions of merchants.

Secondly, the instant settlement of the point of sale. Generally speaking, every transaction needs to be written directly into the block chain, and the block chain consensus takes a long time. MGC Token will optimize this process: it creates a channel between consumers and MGC Token. Consumer transactions will be settled through the liquidity pool of MGC Token, and merchants can receive payments immediately. After MGC accepted by the

merchants, the MGC system will automatically convert the local legal currency to cash, or the merchant can withdraw the cash to the secondary market (exchange) by holding the MGC, and gain profits through the value-added of the MGC.

2.5 Commercial ideology

MGC Token will lead the next generation of digital economy innovation, the technical team of MGC Token will support a variety of encrypted digital asset secure storage and efficient trading out of the smart wallet, decentralized digital asset trading platform and smart financing system It will mean that the future integration of technology and blockchain will promote the infinite possibilities of the development of the digital economy era.

2.6 Commercial progress

MGC Token platform uses global advanced blockchain technology and is certified by authoritative center. The speed of order processing is up to 1 million messages/sec. It can be assured that this speed has exceeded hundreds or thousands of times that of most systems in the industry. It can ensure that there will be no delay and stuck in processing. The system has rich and successful application experience in other blockchain digital asset trade, and can support smooth and stable operation when the number of online users exceeds 30 million. MGC Token platform uses advanced multi-tier, multi-cluster system architecture. The design of multi-tier architecture greatly improves the performance, security, stability and expansibility of the system. The arrangement of functions and version update do not require to be stopped to maximize the guarantee for the operating experience of end users.

3 Infrastructure and systematic structure

3.1 Overall structure of MGC Token

It is divided into three layers, such as core layer, service layer and application layer. The structural diagram is shown as below:
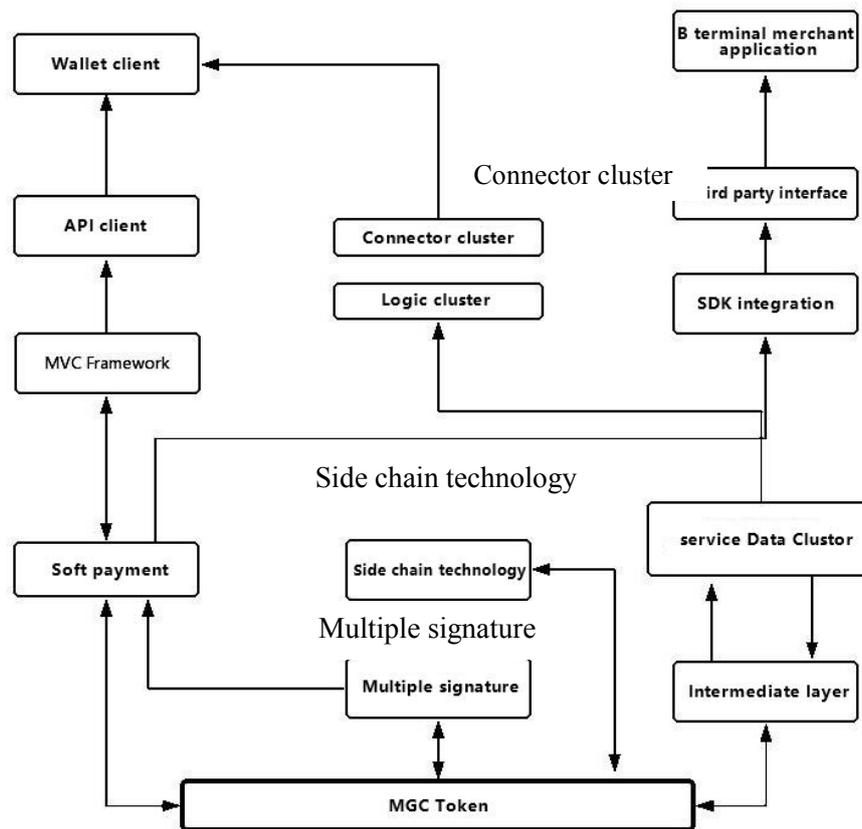
Core layer: it is the part of blockchain which consists of blockchain nodes and message network to achieve the broadcast of trade data, and written into the network of blockchain by miner' s package trade. Among them, the technology of soft payment channel is used to open the payment channel in advance and realize fast trade, and provides data storage for IM service.

Service layer: This layer uses the MVC architecture for the service scenario to separate the client and the B segment merchant services: the corresponding API interface is provided for the wallet client; and the integrated SDK is provided for the B end merchant application to facilitate the third-party docking call.For the IM part, this layer provides the corresponding processing logic, which carries the interaction between the read and write of the application layer IM and the data cluster of core layer.

Application layer: This layer provides distributed ledger application services to end users, such as wallets for currency digital assets, transactions, third-party applications, and SDK written transactions.

3.2 Overall structural design

Overall structure of MGC Token includes 5 levels:

Redis buffer
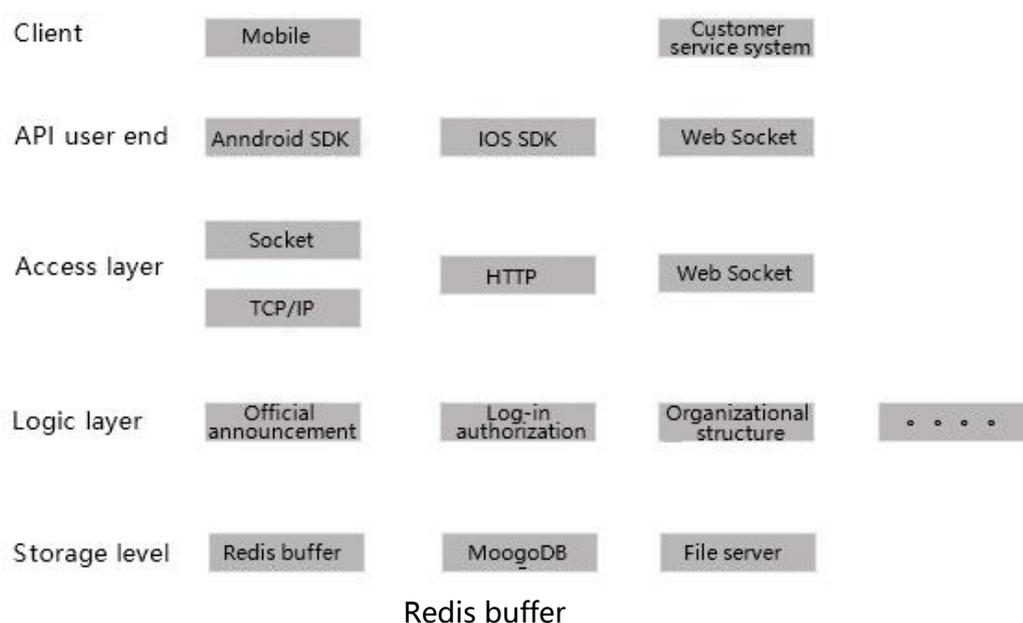
Client: This layer focuses on the mobile terminal, supports iOS/Android system, and accesses the customer service system.

Client API: This layer uses the TCP protocol and HTTP protocol according to different service types to provide the iOS/Android development SDK for mobile terminals. The WebSocket interface is provided in H5 page.

Access layer: this layer mainly protect massive users' connection, attack protection, rectifies massive connections into a small number of TCP connections to communicate with the logical layer.

Logic layer: this layer is incharge of realizing core logic of IM system, such as private chat, announcement, and information,etc.

Storage layer: This layer is responsible for caching or storing IM system related data, including user status, message data, file data, and so on.The data storage format uses Protocol Buffer, database selects MoogoDB Protocol Buffer is a lightweight and efficient structured data storage format, defines the message format in .proto, uses the protocol buffer compiler, directly generates the target file, which is convenient for multi-end synchronization, and the target files can be run between major platforms to solve cross-platform questions.

Protocol Buffer is like XML, but smaller, faster, simpler, and has better performance and efficiency in parsing speed and space.The Protocol Buffer does not need to be parsed before mapping, and the direct serialization deserialization directly corresponds to the data class in the application.

MoogoDB can load hotspot data into memory, which has obvious advantages in large data volume query efficiency.

MoogoDB uses BSON to store data. It has very good support for JSON format data. It is convenient for platforms to dock with MoogoDB database. The load of fragmented cluster has very good scalability and very good automatic failover.

4 Advantages of MGC Token core technology

4.1 Multiple encryption secure storage technology

MGC Token encrypts the hot wallet, separates the cold and hot ends, and stores many cold wallets in many places to form a multi-location and multi-center encryption signature scheme. At the same time, it uses multi-signal P2SH and financial privacy BIP32 technology to encrypt and transmit all data information. In addition, MGC Token has also created multiple signature algorithms such as rate limit, address white webhooks, and combined with financial process system and approval authorization system, which can not only guarantee the security of digital assets in an all-round way, but also make the whole process of coin charging and withdrawal more efficient and convenient.

The funds in MGC Token wallet are segregated, which are divided into user's wallet, quantified wallet and commission wallet, which are managed separately, and the digital assets stored by users are written into blocks. No one can hold or trade except private key holders. Man-made risk control and automated risk management can control the investment risk to the greatest extent. MGC Token is a wallet compatible with multi-currency decentralization. It uses SHA512-ZERO encryption technology and independent private key + dynamic verification code to ensure data security for MGC Token network. Since the successful development of MGC Token, it has been brewing for seven or eight months. It has undergone hundreds of anti-pressure and anti-theft tests to maximize the security of users' assets.

4.2 ATS world top high frequency and quantitative trading as well as hedging technology

ATS financial products are jointly created by top financial institutions, asset management teams and senior AI experts from all over the world. Storing digital assets in MGC Token smart financing wallet and opening the function of smart financing is equivalent to getting a money-making machine to help you realize arbitrage. smart trading robots will track and capture large data and efficient market analysis of major trading platforms in real time, carry out intelligent arbitrage transactions in real time, and participate in dividend distribution by all people.

ATS system identifies the price difference and volume of digital assets in each trading

platform, decides whether to carry out arbitrage task, and initiates arbitrage transaction at the appropriate time.

ATS financing system can also capture the spread of digital assets in each trading platform in real time, decide whether to carry out transactions, or currency transactions and other arbitrage methods, which can make our entrusted digital assets completely free from price fluctuations, and solve various drawbacks and risks of artificial arbitrage.

4.2.1 Working principle of smart arbitrage for Automated trade system

ATS High Frequency Quantitative Arbitrage System only needs 0.01 seconds to complete the processing of transaction information.It is the highest level intelligent arbitrage system at present. It runs faster and the AI system runs steadily.

4.2.2 Bricking arbitrage system of automated trade system

The price of each currency in each exchange is different, and the price across the region is different. There are upper and lower price differences. It solves the problem of high risk of manual bricking, slow operation speed, slow market refresh, and ATS innovative AI field to realize automatic smart trading arbitrage system. One trading platform buys at a low price, and another trading platform sells at a high price to earn a difference. This is called arbitrage.The ats intelligent arbitrage system automatically recognizes the volume, activity and spread of the world's major trading platforms. It will buy at a low price in the first time, sell at a high price of a few tenths of a second on other platforms, and automatically move 24 hours a day. Brick arbitrage, stable income, safe and reliable, market fluctuations, up to 10% of the daily arbitrage gains.

4.2.3 Technical concept of smart arbitrage for automated trade system

During the development of algorithm, our prospect is to provide a coding block algorithm pool based on storage database, allow many people join the algorithm community, and provide self-learning sandbox for MGC Token users to test distributed algorithms and develop MGC Token smart platform.

During realizing this vision, we must complete the early development work, run in MGC Token through extensible block chain technology, and provide advanced high-frequency automatic quantization transaction protocol to communicate between high-frequency

automatic quantization transaction and exchange. We will promote this idea to run and flourish in the future, and make it possible for all MGC Token users as well as sharing the research of all algorithms. In order to support many complex applications of smart arbitrage, it is necessary to break through the limitations of program size and programming language of virtual machine on blockchain. But for arbitrage application platform, besides considering the importance of data value, it also needs to include the developers of arbitrage application, platform resource providers (with a large number of graphics card servers) and consumers who run arbitrage application. Ultimately, it is not enough to define data objects on the blockchain. MGC Token divides the development process and use of arbitrage applications into different roles, publishes them to block chains, provides information dissemination channels and promotes the exchange of resources, and forms an arbitrage collaborative development application platform. ATS solves programming language constraints by using external virtual machines and integrating open source Docker containers. The MGC Token integrated Docker container scheme can be gradually improved with the progress of the open source project Docker. Depending on the convention and publication of unified standard DockerIMG image files, the application running environment of MGC Token can be unified and upgraded independently. In DockerIMG image file, the environment that can integrate many programming languages, including tenderflow and other complex arbitrage application environments, makes it possible to trigger the running arbitrage on MGC Token node.

MGC Token stores the executable file data and resource data of the application outside the block chain, and stores the description information (or label) of the application and resource data on the block chain. It allows for larger data size and more complex applications. MGC Token provides block links for deploying, extracting and querying transaction records of application data resources on block chains. It defines rules for asymmetric encryption and decryption to verify user identity. MGC Token provides application providers with four roles: data providers, application providers, and operation without knowing the underlying technology of block chains. Platform resource providers and resource consumers. The first three roles all have different types of resources; resource consumers are the people who use these resources. Consumers can be ordinary users or companies that are developing arbitrage applications (requiring a lot of data for machine learning). Expect to provide the data needed for arbitrage to obtain revenue.

Companies specializing in the development of arbitrage applications expect to rely on the development of arbitrage applications to obtain revenue. With many graphics card servers, companies with tensorflow and Caffe platforms operating environment expect to make

money by renting these platforms resources. Ordinary users, who have a certain amount of digital money in hand, expect to have tools to help him carry bricks arbitrage. In market analysis, the proposed price forecasting platform tool will use regression linear relation projection RNN for market analysis. The whole idea is made up of a series of words and word orders that encode a lot of information that helps to predict the market. Step 1 is to map words to embedded words. Step 2 is to receive the sequence of vectors as input and consider the order of vectors to generate the predicted RNN. From the embedding layer, the new representation is passed to the LSTM cell. These additions will often connect to the network, so we can include information about word sequences in the data.

4.3 Solution design of MGC Token

To meet the needs of users and developers, MGC will be designed as a high-performance underlying operating system with Turing completeness, which supports multi-asset cross-chain protocols and smart contracts. Its overall architecture is shown in the following figure:
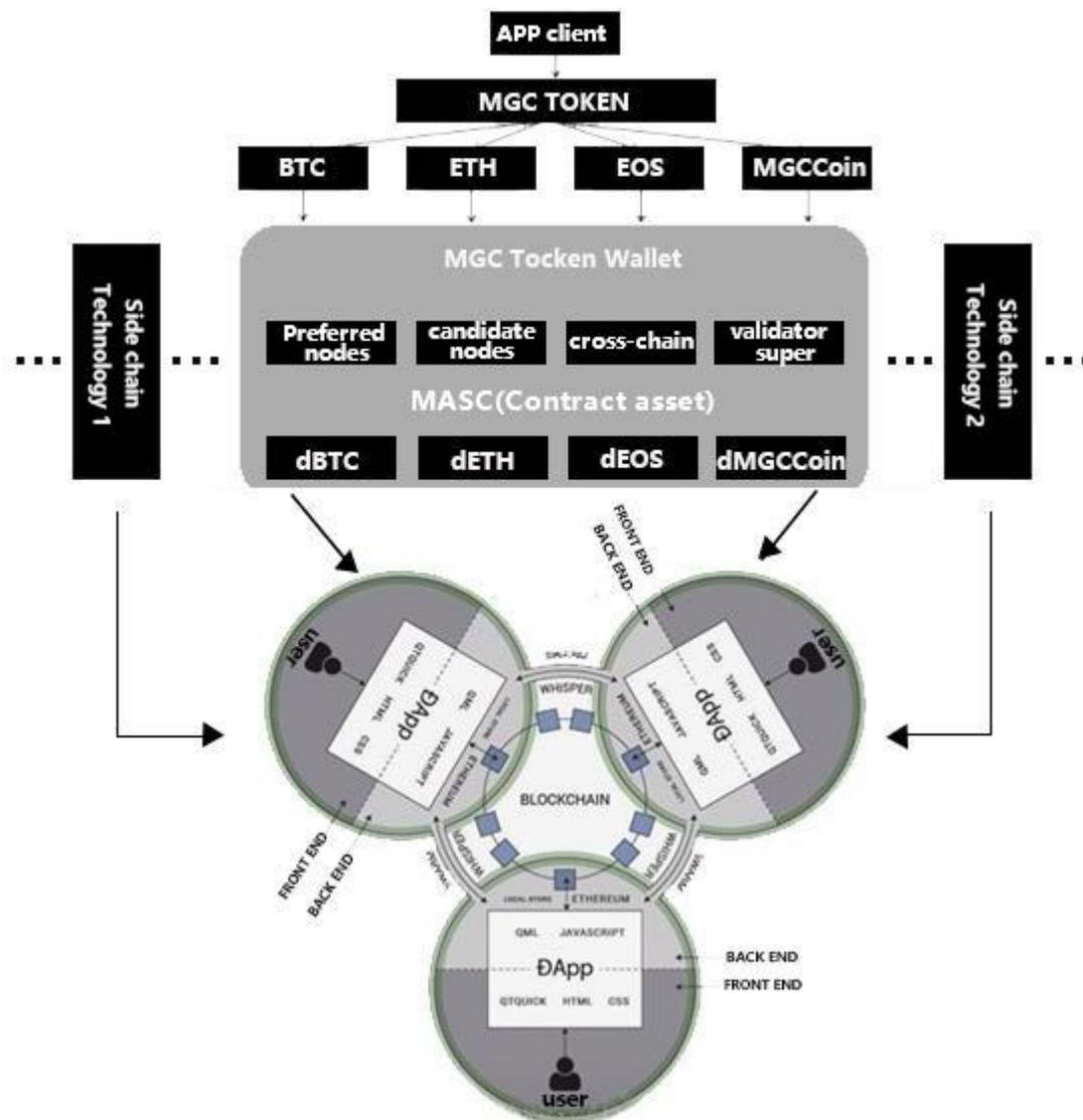
Structural diagram of cross-chain protocol

The design process is as follows:

1. Through the multi-chain wallet designed by MGC Token, users can import the wallet where the extra-chain assets are ready for recharge (to prove the ownership of the assets). The import process will be completely decentralized, and the user's private key will not be recorded in this process.

2. Recharge the corresponding multi-signature managed wallet via the already imported BTC, ETH or other supported wallet.

3. The super node on the MGC Token will listen to the refill transaction via a cross-chain protocol and invoke the mapping asset contract.

4. After the invocation contract is successful and irreversible, the mapping asset contract transfers the corresponding mapping asset to the user's MGC Token wallet.

5. Users can use these mapping assets to use MGC Token-based DAPP.

6. After use, the user can recharge the mapped assets back to the mapped assets account

and obtain the right to withdraw money from the off-chain assets.

7. When the privilege is met, the attestation node will initiate a proposal to withdraw the coin. When more than 2/3 of the cross-chain nodes are signed, the out-of-chain asset will return the address of the user's coin.

When designing cross-chain protocol plug-ins, transaction settlement will be affected due to the differences in underlying performance and block time. For example, it takes nearly an hour for BTC to get six blocks of confirmation. If users directly use DAPP based on BTC, its efficiency will lag behind DAPP based on EOS (EOS blocking time is 0.5 seconds).

This is unacceptable for developers and users, so we introduce a multi-signature entrusted wallet mechanism, which helps users lock off off-chain assets through cross-link plug-ins, and distribute equivalent amount of mapping assets (such as DBTC, DETH) for MGC Token wallet during the lock-in period. Based on the mapping assets of MGC Token, users will use DAPP on the chain more conveniently, quickly and fairly.

DAPP developers can use the MGC Token smart contract protocol that supports multi-chain assets. In order to improve the system iteration efficiency, MGC Token uses a plug-in organizational structure. On this basis, we have added a cross-chain plug-in to help users based on MGC. DAPP is used with out-of-chain assets.

4.3.1 Support multi-chain asset recharge

Through the multi-chain wallet designed by MGC Token, users can import the wallet where the extra-chain assets are ready for recharge (to prove the ownership of the assets). The import process will be completely decentralized, and the user's private key will not be recorded in this process.

4.3.2 Cross-chain consensus mechanism

How to maintain the security of these managed wallets? We have added a new dimension to the high-performance DPOS+POS+POW consensus mechanism - the cross-chain node proof mechanism.The cross-chain node is voted by all MGC holders, and the highest-scoring cross-chain node will become the object of the multi-signing managed wallet.

4.3.3 To prevent evil cross-chain nodes, it is necessary to lock the equivalent value of MGC

In order to ensure the stability of the system operation and maintenance, the cross-chain node must receive the reward in stages after it completes the maintenance task.Thus, there are three types of nodes on the MGC Token:

Super Node

The MGC holders of the whole network are elected through the DPOS consensus mechanism. The super node provides log storage (disk), computing power, and computational storage (CPU) and state storage (RAM) for the entire network. Each cycle (about one minute) of the pass holder can vote on the super nodes.

Candidate Node

Candidate node refers to the node that participates in the super node election, including the super node, the cross-chain validator and the node that is not selected as the super node. The candidate nodes are always on standby and ready to be repaired when super or cross-chain validator fail.

Cross-chain Validator

By maintaining the security of the multi-signature entrusted wallet and managing the multi-signature entrusted account, we can ensure that the assets outside the chain correspond to the wallet on the chain. How do the nodes of the underlying chain cooperate in the specific logic of recharge and withdrawal?

The underlying chain monitors the process of recharging the assets outside the chain:

1.Users send a recharge transaction to the entrusted account;

2.When the node is in block state, the LSP program deployed on the node queries the trusted block browser every 0.5 seconds for the transaction recharge record of the hosted account, and caches it locally;

3.The LSP program queries the database on the node to determine whether the recharge

4.record has been initiated, and tells LSP whether the transaction was initiated;

If the transaction has been initiated, it is deleted from the local cache; if it has not been initiated, the LSP program initiates a token transaction to the issuing contract.

Recharge process
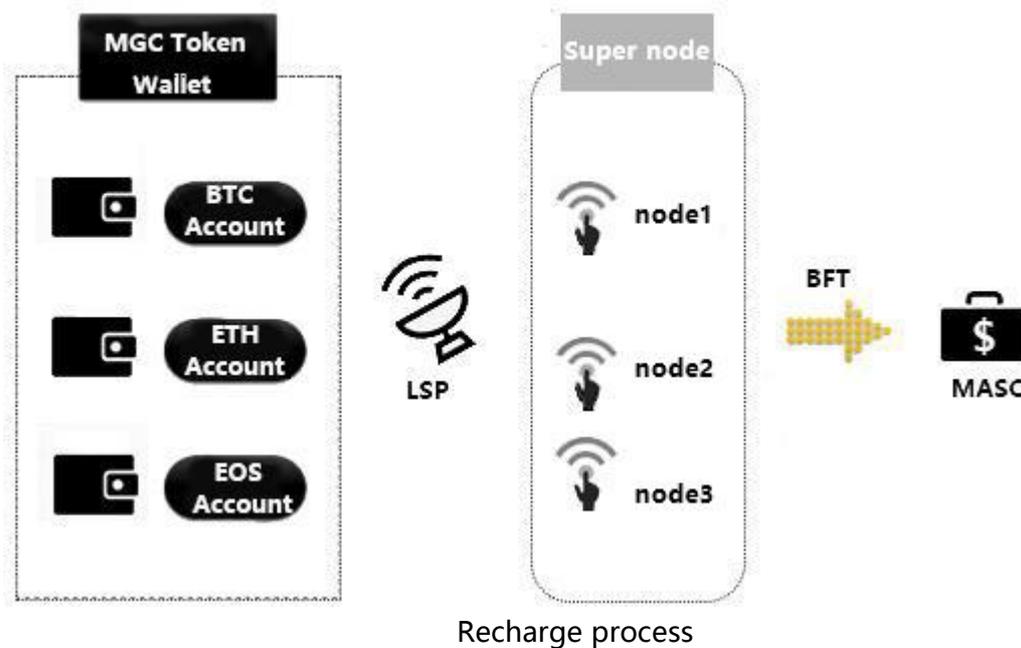
The underlying chain verifies the legality of the request for a coin:

1.The user initiates mapping of the asset management contract to recharge the mapped asset, and the BP receives the refill request through the listener;

2.The super node receives the user's request for withdrawing money (expressed as the user reloads the mapped asset to the mapped asset management contract);

3.The super node detects the out-of-chain asset wallet bound by the user MGC Token wallet according to the type of the user's coin transfer;

4.If the verification fails, the request for the withdrawal of the coin is discarded; if the verification is successful, the request for the withdrawal of the coin is sent to the multi-signature module (maintained by the cross-chain node), and the multi-signature module initiates a real digital currency transaction for the chain, and is cross-chained. The node multi-signs the coin transaction;

5.After the multi-signature is successful, the managed wallet transfers funds to the user to recover their out-of-chain assets.

Verification process of coin request
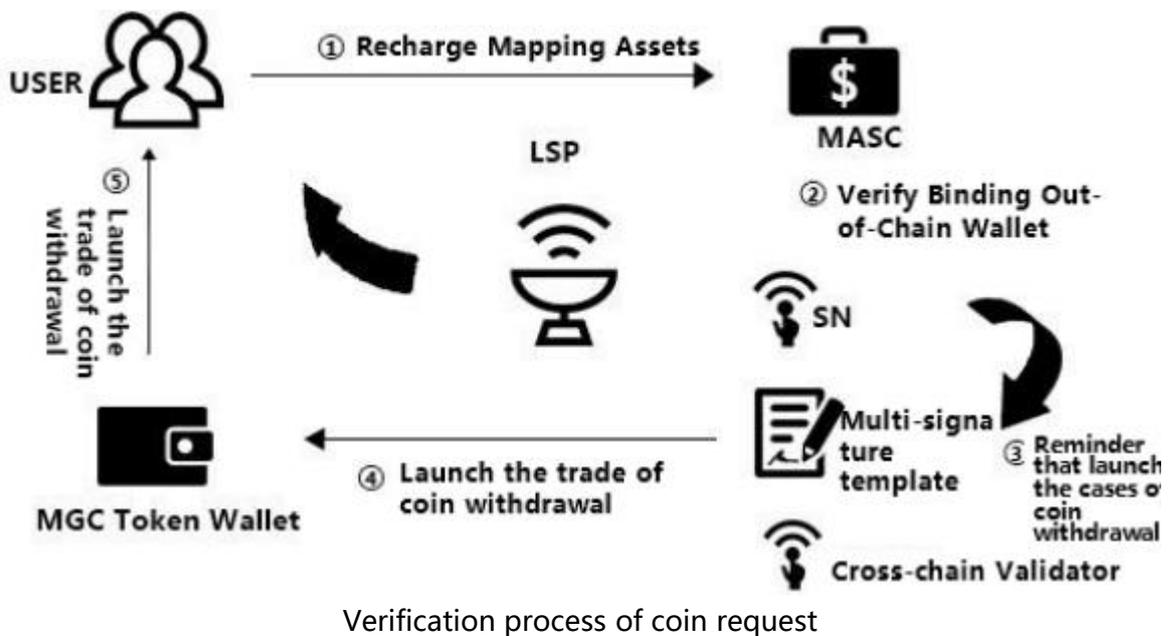
4.4 Technical frame of MGC

4.4.1 Technical panorama of MGC

The technical panorama of platform token MGC includes basic network layer, intermediate protocol layer and application service layer.

The basic network layer of MGC technology panoramic consists of data layer and network layer, in which the data layer includes the underlying data blocks and related data encryption and time stamp technology; the network layer includes decentralized networking mechanism, data dissemination mechanism and data validation mechanism.

Intermediate protocol layer consists of consensus layer, incentive layer and contract layer, in which consensus layer mainly includes all kinds of consensus algorithms of network nodes; incentive layer integrates economic factors into block chain technology system, including distribution mechanism and distribution mechanism of economic incentives; contract layer mainly includes scripts, algorithms and intelligent contracts, which are basic for programmable characteristics of block chain.

As the most important link in the blockchain industrial chain, platform token MGC application service layer includes various application scenarios and cases of block chain, including programmable currency, programmable finance and programmable society. The application layer is the underlying technology architecture of platform token MGC

application ecology. The open source programmable application layer provides technical support for the establishment of global digital currency application ecology.

4.4.2 Open Source Agreement of MGC Token

The Creation Block used by Platform Token MGC is a new public chain based on the blockchain of ETF Open Source Agreement. Users can conduct point-to-point currency transactions and instant settlement, easily and conveniently convert trading assets (traditional currency, electronic currency and other forms of assets), as simple as sending mail, which greatly reduces risks and handling fees of cross-bank transfers, especially international transfers in the accounting process.

Unlike the centralized network model, the computers in each node in the P2P network have equal status, each node has the same network power, and there is no centralized server.All nodes share part of the computing resources, software or information content through a specific software agreement.The wallet combines P2P's unique open source network technology to form one of the core technologies of the platform-certified MGC technology architecture.

MGC Token P2P network model

MGC Token P2P network model
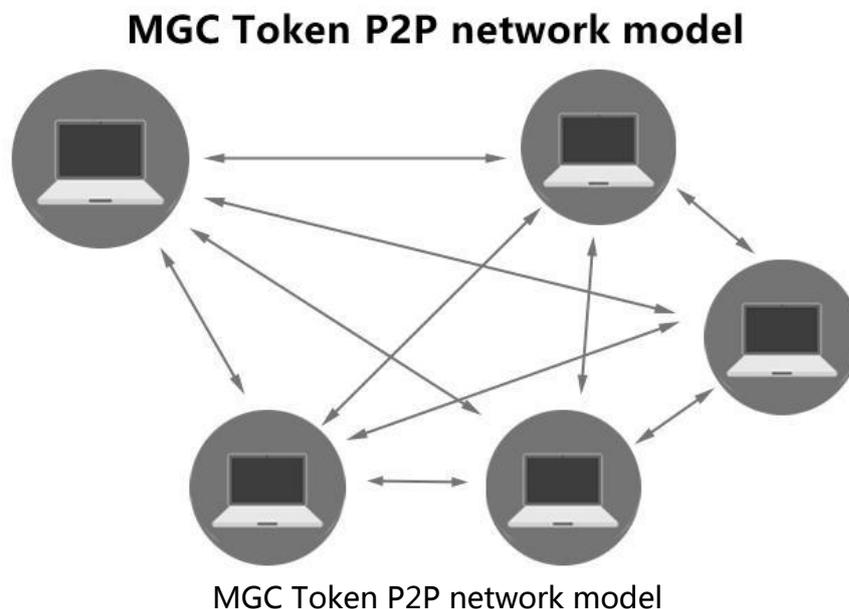
Comparison between MGC agreement and the traditional bank swift wire transfer protocol: a traditional bank swift transfer is subject to high fees and takes 3 to 5 days, and MGC cross-border transfers can be reached instantly.

Comparison between MGC and Bitcoin: Based on MGC's function of exchange and transaction, all users in the decentralized network can conduct point-to-point currency transaction and instant settlement, while the Bitcoin block chain itself does not have transaction function, and its transaction depends on the trading platform.

4.4.3 Non-symmetric encryption algorithm of MGC token

Non-symmetric encryption algorithm refers to the encryption and decryption of data storage and transmission using public and private key. The public key can be published publicly for the sender to encrypt the information to be sent, and the private key can be used for the receiver to decrypt the received encrypted content. Public-private key pairs take a long time to compute and are mainly used to encrypt less data. The commonly used asymmetric encryption algorithms are RSA and ECC. MGC uses asymmetrically encrypted public-private key pairs to build trust between nodes.

4.4.4 Consensus of MGC Token

MGC follows the open source protocol, so there are similar important steps for negotiating consistency between distributed nodes."Consensus" is the process by which the entire network agrees on the same general ledger.

If everyone chooses a completely unrelated certifier, the network will not reach a consensus, and the special version of the general ledger is the only correct general ledger.But in reality, people's UNL lists are repeated, and this duplication leads to reliable verifiers reaching the same negotiation.

Every reliable system user wants to negotiate with the system. Verifiers will choose the way other validators believe in, because they also want to negotiate. Basically, all reliable system users cooperate to ensure that the negotiation is achievable and maintainable. Of course, it is easy to detect the consensus.

In consensus, each node evaluates proposals from a specific equal node, known as the "selected verifier". When running together, the selected verifier represents a subset of

proposals that are trusted not to collude with deceptive nodes. The definition of "trust" does not require that a single selected verifier be trusted. More precisely, the validators in the selection hope that they will not collude to forge the data forwarded to the network.
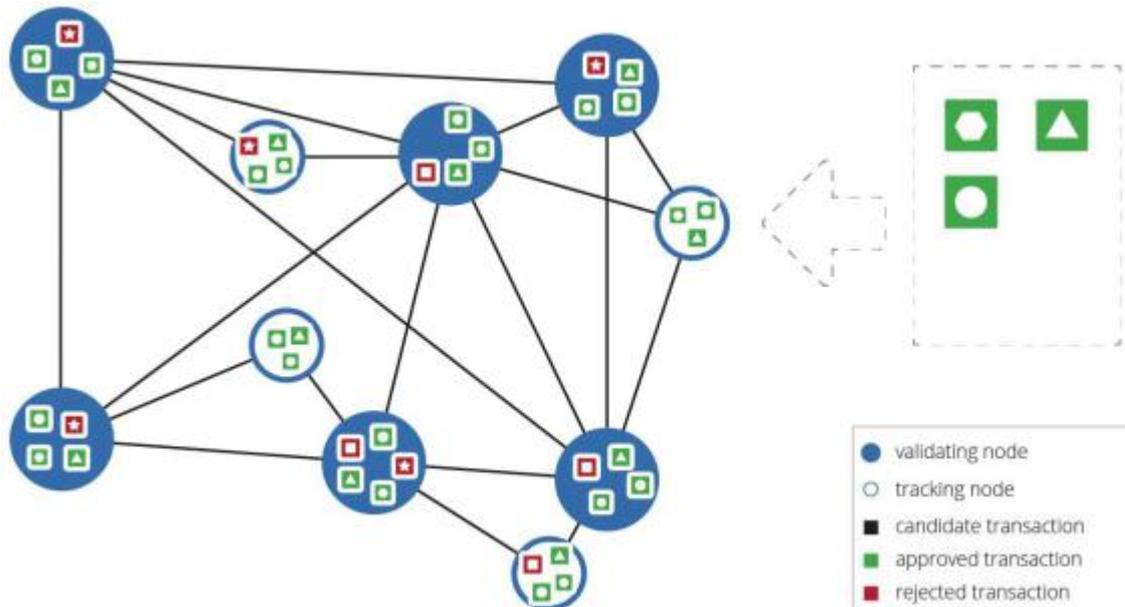
(Verifiers propose transaction groups - at the beginning of consensus, nodes and different transaction groups work. Multiple rounds of proposals determine which transactions are applied to the general ledger and which transactions need to wait for a consensus later on.)
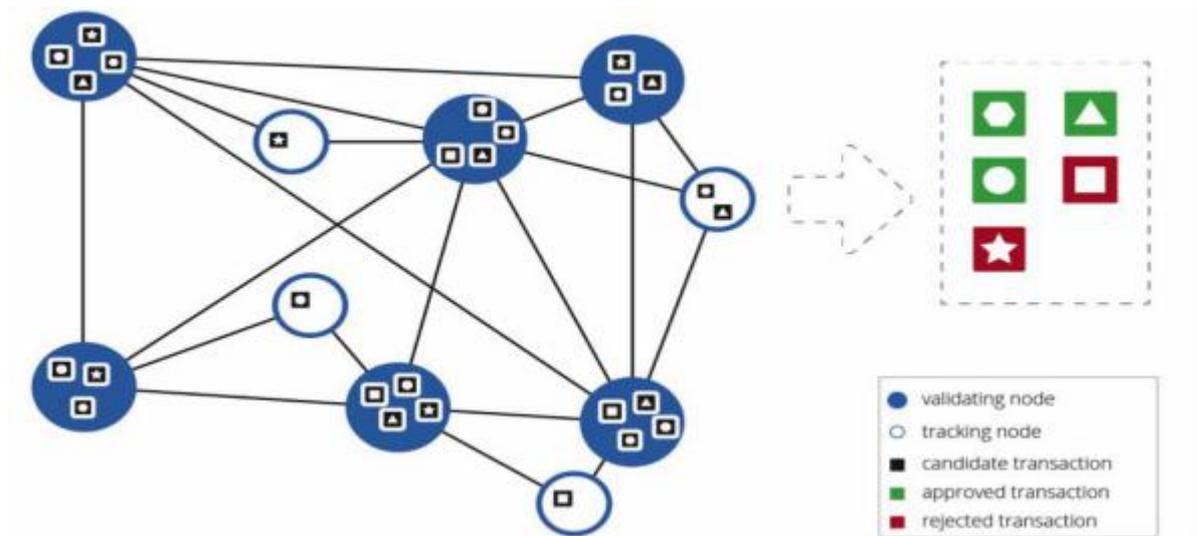
Optional transactions not included in agreed recommendations remain unchanged. They may be considered in the next round of consensus. (By consensus, the node agrees on the transaction group - the node applies the agreed transaction group to the final verified

general ledger. No transactions in this group may be agreed in the next round).

Generally speaking, a trade that does not pass a consensus will succeed in the next round.However, under certain circumstances, the transaction will not achieve a consensus indefinitely.There is a situation where the network adds a base fee and is more expensive than the transaction.If the future transaction fee becomes lower to some extent, the transaction is likely to succeed.

MGC provides a way to prevent transactions from happening indefinitely, ensuring that the trading process takes place in a timely manner.The application needs to include the Last Ledger Sequence parameter for each transaction.This guarantees that the transaction succeeds or fails in the specified general ledger serial number (or before), thereby limiting the waiting time before the final transaction result is obtained.

5 Core strength of MGC Token

5.1 Faster payment

MGC Token transactions are automated, funds are immediately available, and payments can be completed in a short time.

5.2 Lower payment cost

MGC Token does not belong to anyone, and the cost of payment is lower. Merchants who receive payment through MGC Token can save a lot of intermediate fees.

5.3 Simpler foreign exchange

In the international trade between enterprises, individuals in transnational tourism, foreign exchange is not required to pay other fees, more convenient and simpler.

5.4 Availability of financial service

As long as the Internet exists, more financial services will emerge in the payment application scenario. Based on the decentralized MGC Token platform, it can serve individuals or financial institutions more efficiently.

5.5 Strong interconnection of financial service

MGC Token makes trading between independent companies easier by creating a shared currency agreement, reducing resistance in the financial system and increasing system efficiency.

6 Introduction of MGC blockchain technology

6.1 What is MGC ?

MGC is a digital asset in the chain as a digital currency connected to the MGC Token platform; media and fuel with lightning transfer, asset trading and free payment have long-term value support, and MGC will realize payment circulation in the world in the future.Using blockchain technology to further realize the wider ecological application of MGC.

6.2 Design concept of MGC

Blockchain technology is considered to be the most disruptive technological innovation since the invention of the Internet. It relies on cryptography and Hash functions, game theory and other applied mathematics basic theories, without the need for any third-party centers on the Internet where trust cannot be established. Intervention can enable participants to reach a consensus and solve the problem of reliable delivery of trust and value at a very low cost.

Since Bitcoin, many blockchain projects have sprung up, many of which have breakthrough innovations, or underlying agreements to innovate, or innovation at the application level, such as Ethereum, Litecoin and so on.These blockchain projects are experimentally relevant from across the industry.

MGC Token's blockchain design will comprehensively consider and integrate the advantages of many projects, and make some pioneering explorations to lead the industry to the next generation payment network of blockchain.

Core concept: Blockchain is designed to retain all of Bitcoin's core features, such as P2P systems, decentralization, asymmetric passwords to ensure exclusive ownership of assets, anonymity, borderless, global applications.The blockchain preserves the most valuable part of the Bitcoin system, adhering to the nature of the trust network, enabling low-cost value transmission.

Application concept: Blockchain development has entered the era of application development. Everyone is trying to combine their work with blockchain and give full play

to the advantages of blockchain.Then there are many bottlenecks in the current blockchain project. For example, bitcoin has become a core problem that hinders its development. In order to adapt to large-scale applications, the blockchain conforms to the development of the times and serves the application.

Feasibility: The ultimate goal of block chain is to build the next generation block chain network, which mainly involves side chain technology, mixed mining, SPV verification, and intelligent contracts. These technologies have been demonstrated by the virtual currency community, such as side chain technology, which is considered as one of the most important bitcoin upgrade protocols proposed in 2015. There are many individuals or teams including Block stream. In the process of development, we believe that it will be put into practical application soon. Hybrid mining is a mature technology in use. SPV is demonstrated by Satoshi Nakamoto in his creation paper. Smart contract can be realized by using Ethereum Virtual Machine (EVM) or Bitcoin built-in scripting system. Therefore, these core technologies are feasible.

The MGC Token technical team adheres to the development philosophy of "No best, Only better", fully absorbs the advantages of other blockchain projects, and combines its own innovations to implement practical solutions.

Ease of use: Now Bitcoin official client is becoming more and more difficult to use, because the data volume is expanding, individual users have to abandon the official client, which weakens the security of Bitcoin from the side, because users have to put the currency on the central server such as trading platform for convenience. For Ethereum, it is more difficult to use, not to mention the complex intelligent contract (need to be familiar with EVM and Solidity and other high-level languages), even simple transactions need to install complex clients to achieve, these difficulties are unintentionally pushing users aside, MGC Token will effectively improve the convenience.

The blockchain will provide a variety of clients, in addition to the PC end wallet, the mobile end wallet APP, and the web end, and can handle simple brain wallet mechanisms as well as wallet backup and recovery mechanisms.Easy to use is the primary design direction of the blockchain.

Compatibility: Bitcoin is the most successful and stable digital currency system at present. Many of its design concepts have been proved to be feasible. Block chains attach great importance to compatibility with Bitcoin network, such as utilizing UTXO model of Bitcoin,

address construction process, script system of Satoshi Nakamoto, etc.

The Technical development team of MGC Token will adhere to the "standing on the shoulders of giants", combined with Bitcoin's existing core technology and theoretical principles, to do extension technology development.

6.3 Advantage of using MGC Token payment

6.3.1 Optimize the financial credit information system and strengthen the security of transaction payments.

MGC Token is built by using block chain technology. It has the advantages of improving the security of payment system and tamper-proof. Firstly, in the process of transaction, the transaction records submitted by consumers can be verified by the payment system. According to the smart contract of block chain, the system achieves transactions and generates payment instructions automatically. At the same time, the block center will record the data of each link one by one, and update the transaction value synchronously through the transaction data recorded by the block.

The user is thus able to obtain the equivalent financial security of the purchased item, confirming the entire transaction and payment process in the blockchain payment mode, and making the process truly transparent.This virtual digital currency method also effectively prevents hacking and enables secure transactions.Blockchain technology enhances the security, openness and transparency of users in the platform trading process.

6.3.2 More convenient payment and high efficient settlement

For MGC Token, the application of digital currency block chain technology to realize payment greatly simplifies the complex payment process. (For example: different users use multiple currencies for settlement, platform and user-to-user settlement, etc.). The platform wallet supports the withdrawal and recharge of various digital currencies into the platform wallet. It is implemented by centralization and decentralization, which improves the security and takes into account the computing power of massive data.

6.3.3 Point-to-point transaction of MGC Token prevent payment risk

MGC Token technology realizes a point-to-point direct exchange, the core of which is the

information interaction of decentralized agents. MGC Token technology is to verify the trust of ownership by digital signature. In fact, it is to solve the point-to-point trust problem in the transaction process with algorithm. i.e, the integrity and authenticity of transactions can be realized by encryption algorithm, and the compulsory automation of trust execution can be realized by intelligent contracts, while the source of trust in the process of value transfer can be realized by structural design. At the same time, credit creation and trust building are accomplished in payment system by consensus-based mathematical method.

Because any intermediate node can not delay the transaction or filtering, thus ensuring the objectivity, authenticity and irreparable modification of the point-to-point transaction information recorded in the shared ledger, thereby solving the payment risk caused by the third party payment.

6.4 Innovative significance of MGC Token

Since its birth, MGC has not been a completely independent virtual currency without any platform support. It has block chain technology as its strong backing. The real business payment cooperation model can effectively promote the growth and development of MGC.

The combination of MGC and block chains will create five first:
The first is to support the application payment system of merchants for virtual digital currency.
The first is to focus on the client's privacy and decentralized newly transaction model of trading security.
The first is to achieve coin-to-coin transaction, which is linked with other tokens and can be converted by blockchain digital currency.
The first is to realize a payment platform for conversion between blockchain digital currency and legal currency.
The first is to connect the users with ATS smart financing system, drive market activity, and launch the landing ecological plan.

6.5 MGC Token's value in the future payment field

With the aim of creating "simplified and easy-to-use global payment" and the mission of "serving the world", we are committed to making MGC a globally free-flowing encrypted

digital asset and constructing a payment platform between online merchants and consumers of MGC. Through the network of this platform, customers can realize real-time point-to-point payment, transfer, and even various financial investments, without the need for central organization and management, and support different countries to exchange legal currency.

Future: With the completion of public chain construction, MGC Token globally launched the recruitment of foundation partners,MGC estimates a market value of $60 billion. Facing with business users, MGC Token provides commercial platform, MGC Token commercial platform provides traditional payment level SDK, and provides sandbox environment for testing. SDK supports traditional web end, app and offline store access. MGC Token Commercial Platform provides full payment scenario support for mobile and PC terminals, including IOS, Android and HTML5, to meet the needs of multiple business scenarios and to support the diversification of user business scenarios. The merchants can use MGC Commercial Platform to accept digital money payments from users around the world at zero cost.

And merchants all over the world can easily access the SDK provided by MGC Token to their websites and apps with one click. They can accept the multinational payment from users all over the world. The full-platform SDK allows merchants to minimize the time and manpower of access payment. Users can buy foreign goods quickly by paying for encrypted digital currency. MGC Token provides MGC Token. The service is real-time and low-cost. Using block chains as the channel of funds can achieve real-time and security.

Merchants can manage all orders of these payment channels through the merchant management background provided by MGC Token Commercial Platform. Realize the real virtual economy and the reality of landing, so that the real investors who buy MGC benefit.

7 Technology of MGC

7.1 Data format of MGC Token

All data in the MGC is stored in the form of "recursive length prefix encoding (PLP)", which concatenates arrays of strings of arbitrary length and dimension into strings.

7.2 Innovative consensus mechanism of MGC Token

MGC Token's innovative consensus mechanism: a new mechanism using TPOS (SuperProofofStake) + POW + DPOS. Compared with the traditional POS/POW/DPOS mechanism, the system efficiency and transaction processing capability are greatly improved, and the commercial level is improved. Based on the experience of digital currency in the past years, a feature that is important for the workload proof function is "Memory is difficult"--The legal workload proves that it requires not only a lot of calculations, but also a lot of memory.

Nowadays, there are two main functional categories of "memory difficulty" - scrypt and prime coin mining, but neither of them is perfect; neither of them needs memory which may be required by ideal memory difficulty function, and both of them will suffer time-memory replacement attacks, in which attackers can complete legitimate workload certificates at the expense of some computational efficiency at the expense of memory size far below the algorithm requirements. Ming. Using an alternative algorithm called "Dagger", a workload proof mechanism based on moderately connected acyclic graphs is far from optimal, but it has much more memory difficulty than other existing algorithms. Hash algorithm maps binary values of arbitrary length to shorter fixed length binary values, which are called hash values. A hash value is a unique and extremely compact numerical representation of a piece of data. If a paragraph is hashed and even if only one letter of the paragraph is changed, subsequent hashes will produce different values. It is computationally impossible to find two different inputs hashed into the same value, so the hash value of the data can verify the integrity of the data.

Generally used for fast search and encryption algorithms, the string randomly generated code is as follows:
#include<stdio.h>#include<stdlib.h>#include<string.h>#include<ctype.h>#include< time.h>#defineSTRINGSIZE10#defineSTRINGCOUNT1000//If this function is constantly

called in a program's loop, it is ineffective to initialize the random number generator by using the system's time function, but the execution speed of the program is too fast, and the number of seconds returned by 1000 cycles may be the same time return timestamp./*voidget_rand_str(chars[],intnum){

```
// Define a random generated string table char*str=
"0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz";inti,lstr;
lstr=strlen(str);//calculate the length of string
srand((unsignedint)time((time_t*)NULL));
//Use the system time to initialize the random number generator  ]\ for(i=0;i<num-2;i++)
//Returns the corresponding string{s[i]=str[(rand()%lstr)];
}s[i++]='\n';s[i]='\0';printf("%s",s);}
*/
 intmain(){FILE*fp1;
//Define a file stream pointer, used to open the read file chartext[10];
// Define an array of strings to store the characters read inti=0,j=0,lstr;
char*str="0123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz";lstr=strlen(str);
//calculate the length of string
fp1=fopen("d:\\test.txt","r+");
//Only read and write mode to open the file a.txt
//while(fgets(text,1024,fp1)!=NULL)
//Read the contents of the file pointed to by fp1 line by line to the text
srand((unsignedint)time((time_t*)NULL));
//Use the system time to initialize the random number generator
for(j=0;j<STRINGCOUNT;j++){ for(i=0;i<STRINGSIZE-2;i++)应的/should
//Returns the phase string by the specified size
{text[i]=str[(rand()%lstr)];}text[i++]='\n';text[i]='\0';fputs(text,fp1);
//Write the content to the file pointed to by
}fclose(fp1);
//Close the file a.txt, there must be closed when there is open
}
```

7.3 Smart contract technology of MGC Token

Many block chains are integrating a common scripting language to define all operations. These designs eventually define the business logic processor as a virtual machine, and all transactions are defined as scripts run by the virtual machine. This solution has a single

thread performance limit on real processors, and the problem is aggravated by forcing everything to be executed through a virtual processor. A virtual processor will always be slower than a real processor even if it uses JIT, but computing speed is not the only problem with this "everything is a script" scheme. When transactions are defined at such a low level, it means that static checking and encryption algorithm operations will still be included in the business logic processing, which will also reduce the overall throughput.

A scripting engine should never ask for a request for an encryption algorithm signature check, even if the request is implemented through a native mechanism.

7.4 Quick confirmation of transaction

MGC Token uses an efficient and adaptive consensus algorithm to ensure that consensus is completed, i.e. transaction confirmation, and optimizes other links in the process of transaction confirmation, such as signature algorithm and book storage method, to achieve millisecond-level confirmation transactions.

7.5 Mass storage and high concurrency suppor

MGC supports multiple ways of local database storage, file system storage, and cloud storage.Local storage implements hot and cold separation, database storage uses a sub-database partitioning model, and cloud storage supports expansion according to cloud clustering rules.

7.6 Reliable and consistent record storage

MGC Token ensures that service requests can not be tampered with during transmission through asymmetrically encrypted digital signatures, and that data of each node can be stored consistently by consensus mechanism. For the stored data records, self-checking and quasi-real-time multi-node data checking are used to ensure that the stored data records can not be modified. Self-verifiability of nodes: Block chain structure is used to store data records, and the modification of some records will destroy the integrity of block chain structure, so that data can be quickly checked out and recovered from other nodes.

In addition, each accounting node of MGC Token has its own private key, and each block

contains the signature of the node's private key. The modification of the data in the block can be verified by the signature. Multi-node quasi-real-time data validation: When the private key of the node is stolen, malicious users have the possibility to modify all the data in the book chain. MGC Token provides a quasi-real-time data comparison mechanism between multiple nodes, which can detect the tampering of the account data of a node in time.

Data validation
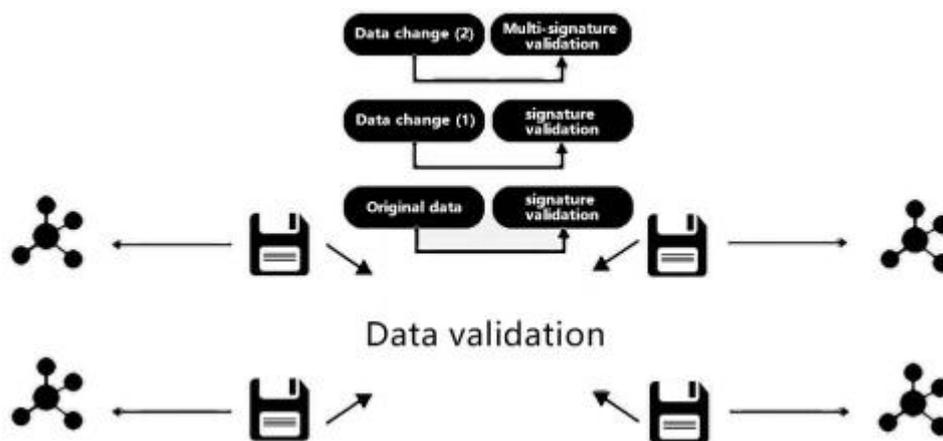
7.7 User privacy and transaction confidentiality

User information and block chain addresses in MGC Token are isolated. The associated user information cannot be obtained from the record storage of each node. User information storage has multi-layer protection such as permission control, access authentication, encrypted storage and so on. Users with high transaction confidentiality can also choose the mechanism of transaction irrelevance. Each transaction of the same user maps to different addresses on the block chain, thus ensuring that the relevance of multiple transactions of a user can not be obtained on the transaction book.

7.8 Secure private key management system

In the private key management solution of MGC Token, the functions of private key safe and user account entrustment are provided to ensure the security of private key. Private key safes use user information to encrypt private keys and store them separately on many different nodes. Under normal business processes, the key safes will not be accessed.

When the user password is lost, it can be retrieved through the authentication code. The export private key can be verified by the transaction password. Be sure to save the private key and the transaction password, because the user can only export the private key

through the transaction password, all entrusted account operations of MGC Token will be independently recorded in the block chain, and there are strict frequency restrictions and independent wind control strategy for the operation of entrusted account, which can strictly control the operational risk of entrusted account.

8 Scene application of MGC Token

8.1 Global channel blockchain digital currency payment system

MGC Token realizes the global circulation of digital currency MGC. After receiving digital asset MGC, merchants can exchange local legal currency online. With the increasing number of global merchants and individual users, MGC Token will be in multiple channels and multiple scenarios around the world. Circulate, create a complete blockchain to pay for the new ecosystem.

8.2 Realization of OTC off-site guaranteed transaction based on smart contract

MGC TokenAPP wallet can realize off-site guaranteed transactions based on smart contracts, i.e, the two parties of the transaction will transfer the currency to the channel, and the smart contract will guarantee and open the currency exchange channel, which will be online for 7*24 hours without rest, and realize the second speed. For redemption, the handling fee is almost zero.

8.3 Big ecosystem of MGC Token payment accessed by merchants

The merchants all over the world can easily access the SDK provided by MGC Token to their websites and APPs, and they can accept the multinational payment from users all over the world. The full-platform SDK allows merchants to minimize the time and manpower of access payment. Users only need to pay for encrypted digital currency, they can quickly purchase foreign goods. The services provided by MGC Token are real-time and low-cost. The use of block chains as a capital channel can achieve real-time and security. The merchants can manage all orders of these payment channels through the merchant management background provided by MGC Token Commercial Platform.

8.4 Cross-regional payment solution

In traditional cross-border payment, there are many risks, such as high transfer fees, long settlement period, slow arrival rate, limit of transfer amount, freezing of funds, etc. These risks often bring unnecessary losses to business users. Cross-border payment is difficult to

break through in traditional financial system. MGC Token can provide a non-frictional, real-time and efficient decentralized payment network. It is an effective tool to solve the pain point of cross-border payment.

8.5 Building of global credit cornerstone and system construction

MGC Token can verify and de-trust data exchange between nodes by digital signature technology. Meanwhile, it can guarantee the credit system of industry chain by trace-ability and accountability technology. MGC Token deploys intelligent contracts, contract procedures are automatically executed, and both parties can not cheat. Only when the contractual conditions are met will the process release or transfer funds, and MGC Token will make its own contribution to creating a trusted market for global trade.

8.6 MGC Token+online and offline application

Based on the underlying application of block chain technology, there is a more free, faster and safer open source system for block chain mall transactions, which supports the combination of scenarios for public chains, application portfolio for public chains and multi-currency conversion portfolio.

9 Market outlook of MGC Token

9.1 Construction of global payment new model promoted by MGC Token

MGC Token will use the technology of block chain to build a world-class, non-convertible and free global business, covering digital payment services in manufacturing enterprises, international trade, IOT, medical field, financing investment, stock exchange and so on. It will achieve more efficient and convenient cross-industry and cross-border payment mechanism, greatly reduce payment costs and significantly improve transaction efficiency. It will become the payment infrastructure in the era of digital currency, and even completely change the face of the payment system in today's world.

Establish a unique level standardization system within MGC Token community, and ultimately promote the establishment of industry level standardization system (industry rules) by means of MGC Token market-oriented operation. With the increase of the number of holders of MGC passes and the application of landing scenarios, the current situation of supply and demand will be met. The price of coin will break through new climax and strive to achieve better liquidity on the mainstream online exchanges.

9.2 MGC digital assetization of global payment field

In the future, MGC Token will connect global consumers and online and offline merchants, and restore the value of user behavior to create an unprecedented platform for the future market.Promote the digital transformation process of industry assets, accelerate the liquidity of industry assets, and realize the capitalization of the industry.

9.3 Promotion of MGC Token's community culture

The MGC Token's community for promoting industrial culture is established in every region of the world. The MGC Token's community is awarded by the foundation and the sponsors of each community.

According to MGC Token's selection mechanism for irregular activities, the Foundation encourages the community to organize activities and grant corresponding MGC funding.

10 Issuing plan of MGC digital currency

The digital currency MGC Coin, referred to as MGC, is the native encrypted digital token issued by the MGC.The first phase will be generated on Ethereum based on smart contracts. The second phase will be generated on its own and will be used as the sole underlying digital currency of the MGC public chain for settlement, trading, and smart contract performance.

The digital currency MGC issues 600 million coins, created by AONE technology team at one time, and upper limitation of its total has been set, can not be changed, can not be added. Digital currency MGC is allocated to different holders according to certain rules and proportions. Among them, a certain proportion of MGC will raise funds for the appropriate group in an appropriate way. It will be used for the construction of the under layer of the block chain, the development of product modules, the application of ecological layout, the overall operation and maintenance of the MGC public chain, etc.

(Numbers of token): 600，000，000 coins
(Token allocation ratio): BG-MF INVESTMENTS GP LIMITED pre-development costs, strategic investment costs, pre-operation development costs, the issuance of 0.6 billion MGC as a return and as project operating expenses.
The Singapore Foundation provides maintenance, operations, strategic planning, and the payment of 0.3 billion MGC as a return and maintenance expense.
AONE technology team pays $0.6 billion in return and later DAPP application building costs.
The BG-MF charity centre distributes 0.3 billion yuan for charity and international public welfare.
Note: The tokens held by the above relevant institutions (locked position for 3 years)
Global market circulation of 420 million as MGC market circulation needs, initial circulation,community promotion incentives, ATS income distribution, market consumption payment settlement and liquidity operation.
(total amount of issue): 60,000,000 coins
(Initial issuance way): Global initial issuance
(Numbers of initial issuance): 60 million
(Date of issuance): January,23rd, 2019
(Issued price): 0.11 US dollar

10.1 Construction of ecosystem

MGC Token platform is carried out continuous development and optimization, the work of code open source is completed and excellent code contributors are given award in the community; in order to realize the smooth transition to MGC public chain system, jointly engaged with ETH in the research and development of block chain technology and payment terminal equipment.

10.2 Functions of foundation

In order to build a complete block chain + global payment storage digital economic ecosystem, the Foundation was established in Singapore with perfect legal supervision, and was highly recognized by the relevant qualifications of Singapore and the government.

The operation ideas of the foundation are as follows: the purpose of the foundation is to build a global blockchain payment ecosystem, and to graft the blockchain technology + traditional payment method of complete closed-loop.

Governance Ideas: The Foundation will set up a Global Advisory Committee, a Regulatory Committee and an Investment Committee to ensure that the operation and governance of the Foundation are in line with the preferences of global ethical investment capital in a broad sense, and with the corresponding regulatory and industry governance works at the operational level, so as to establish a good wind control system and establish authority and credibility in global investment institutions.

11 Returns for MGC Token holders

The issuance of the token named "MGC" conforms to the ERC20 specification, and the holder can transfer it on the trading platform or in private like other ERC20 tokens.

11.1 Incentives plan for MGC holders for three years

As the technology continues to update its iterations, it will occasionally send candy to the holders, and there will be a certain exchange ratio. The added value inside will make more people hold the purchase of MGC.
In addition, the MGC Token will give 5% of the MGC to the token holder in the first year, 3% in the second year and 2% in the third year, so the earlier holding MGC will have a lower cost and generous returns.

11.2 Trading on the exchange platform

In the future, MGC will become an important part of the whole system of trading. It is the handling fee currency of any company and individual using the MGC sales network. The customers of MGC must purchase from the holders in the mining or exchange.

12 Market potential and value of MGC Token

12.1 Active wallet creates epic benefits

The recent price of Bitcoin has exceeded $3,500, with a total market value of $58.5 billion. On January 23, 2019, it traded $2.1 billion, accounting for 3.6% of the total market value. All of the achievements made by Bitcoin, according to statistics, have so far been contributed by active Bitcoin wallets ranging from 6.8 million to 13 million (average 8.9 million).

Think about it, if 10 million users and 100 million users are added to the MGC Token system. So how dramatic will the global encrypted monetary system change?

12.2 More than 80 million users and merchants in three years

Within two years, we plan to take Southeast Asia as the starting point, cover the cross-border payment area of the whole Asian region, and expand from this industry to tourism, real estate, jewelry, health care products and other industries, so that MGC can produce greater social value, while allowing MGC to cover enterprises and individuals, to achieve more than 60% coverage of key cities, users with MGC Token can consume through offline merchants cooperated by MGC Token to achieve real landing applications.

After the completion of the laying of the Commonwealth countries, we will extend our reach to the Asia Pacific market.Our goal is to cover the Asia Pacific market within 3 years.At the same time, we also plan to enter the global market through the promotion of the community and the convening of a global consensus meeting.Let MGC produces greater value and delivers greater benefits.

13 Value-added plan of MGC platform token

MGC Token launched the platform token MGC Coin on 2019/01/23. The MGC coin is a decentralized blockchain digital asset issued based on Ethereum. It is based on the ERC 20 standard token of the Ethereum blockchain. "MGC".The total amount of MGC issuance is 600 million coins, and will be transferred to the self-developed public chain MGC Chain in the future.

13.1 Issuing mechanism

Numbers of token: 600,000,000 coins
Issued price: 0.11 dollar
Issued company U.K BG-MF holds 60 million
Singaporean Profit Foundation holds 30 million
Technical team of U.K AONE holds 60 million
Charity center of UK BG-MF holds 30 million
The relevant holding institutions locked the position for 3 years,
and 2022 began to release the total market circulation of 420 million.
Issuance mechanism of MGC Token is constant, never add issuance

13.2 Background of appreciation

Since 2017, the platform token "BNB" issued by Binance Trading Platform has risen to the highest price of 23 US dollars, followed by fire coin, etc. We have witnessed tremendous innovation in the tokens created through the trading platform, but also has huge market space. MGC Token will build its own platform token as a starting point, creating a new encrypted digital currency ecology. With the increasing number of users and application expansion of MGC Token wallet,we believe that the sustained appreciation of platform currency depends on the development speed of the mother platform and the practical value in various fields. MGC will not only be a token created through marketing, but also an encrypted digital currency with real practical value and good experience for holders. We will focus on improving the characteristics of market licensing and high stickiness of users, and create a digital licensing token without boundaries.

13.3 Operational plan

1. MGC Token was globally initially launched in the UK in April 2019;

2. MGC Token is open to the public for global users;

3. MGC Token wallet supports the use of MGC coins for Ethereum (continued to open other excellent currency exchanges);

4. MGC Token will continue to open the relevant ecosystem of MGC coins;

5. The MGC coin will be put on the exchange in May;

6. The MGC coin will be put on the World Exchange in June;

7. The MGC coin will be put on the world mainstream exchange in July;

8. The MGC Token platform will create a world-class exchange in August;

9. In May 2020, the public chain will be built and applied in various fields;

10. The top ten secondary trading markets on the line in August 2020, accelerated circulation;

11. In October 2020, MGC will provide multi-tier supply chain systems for goods, information and services to end customers.

13.4 Mechanism of destroy

MGC tokens have developed steadily with the MGC Token platform, and the user base has been increasing. MGC Token uses the platform tokens to redeem eight excellent tokens for recycling and destroy. Users can check and verify through the blockchain browser. The MGC will enter the destroyed account, and the user can query the account information through the blockchain browser. The process of destroy is transparent and transparent until the total amount is 100 million MGC deadlines.

In the future, MGC Token will build a decentralized chain trading platform in August 2019. The exchange of MGC Token will be created based on the MGC Coin Chain public chain. MGC Coin Chain will be used to redeem or transfer different areas in the future. The multi-asset created by the underlying technology of the blockchain, the project is mainly to establish a decentralized organizational structure, integrate some of the business of the MGC Token wallet, it will enable users to conduct point-to-point transactions directly on the platform, instead of operating transactions through an institution, users keep their own private keys, and users will gain full asset dominance in the exchange. From the perspective of technology, we move closer to a decentralized network architecture.

After the exchange is launched, MGC will be used as fuel. Users use MGC to decentralize the exchange to conduct transactions. Users who need to use MGC coins to participate in the transaction on the MGC   trading platform, regardless of any crypto tokens traded. The transaction fee paid will support the use of MGC for deduction, and 50% of the revenue generated by the trading platform will be distributed to the users of the MGC

Token wallet in the form of MGC coins.

13.5 Releasing plan

MGC tokens held by MGC Token related institutions will be released in 10 years starting in 2022;
Numbers of holding: U.K BG-MF investment company holds 60 million
Numbers of holding: U.K AONE technical team holds 60 million
Numbers of holding: U.K BG-MF charity institution holds 30million
Numbers of holding: Singaporean Profit Foundation holds30million
Relevant institution holds a total of 180 million
Released in 2022: 10% (18 million)
Released in 2023: 10% (18 million)
Released in 2024: 10% (18 million)
Released in 2025: 10% (18 million)
Released in 2026: 10% (18 million)
Released in 2027: 10% (18 million)
Released in 2028: 10% (18 million)
Released in 2029: 10% (18 million)
Released in 2030: 10% (18 million)
Released in 2031: 10% (18 million)

13.6 Profit plan of exchange

MGC   trading platform, mainly used for blockchain underlying encryption technology currency trading, the main income and profit source of the exchange are (transaction fee, cash withdrawal fee, contract leverage fee, asset online fee and other additional income) These proceeds will be open to MGC Token wallet users, who can use MGC coins to trade directly in the secondary market, or use the MGC to pay various fees on the trading platform.

1. Transaction Fees: This is the basic profit point for the MGC   exchange. The MGC exchange will provide an absolutely safe, fair and open trading environment for both buyers and sellers.
2. Withdrawal fee: To withdraw money to various wallets or other exchanges, the MGC exchange will charge a portion of the handling fee.
3. Contract transaction fee: When the user uses contract transactions, futures, leverage, currency, etc., a certain guarantee is required, and investors participating in the margin

transaction are required to pay the corresponding interest.

4. Digital assets online fee: MGC exchange will support all kinds of virtual digital currency with foundation supervision to MGC trading platform online, and charge a fixed online fee.

13.7 Features and marketing mechanism of MGC token

MGC platform coin will take MGC Token wallet platform as a springboard. According to the relationship between supply and demand, the price of MGC platform coin is mainly due to the continuous increase of the base number of wallet users, and the demand will continue to increase under the constant total amount of issuance. With the increasing number of MGC Token users, large trading volume and high market activity, MGC platform coin will have a good value trend. Our ideas are very clear. MGC platform coin will also become the token of various ecological applications, and will no longer be confined to the main network circulation.

1. The first stage of the MGC coin was generated on the Ethereum.

2. MGC Token will conduct an airdrop plan, and the airdrop will allocate rewards to the user's MGC holdings.

3. MGC Token wallet will launch various DAPP applications online, and DAPP will use MGC as a token.

4. MGC Token will create the offline landing ecology, and accelerate the application field of MGC.

5. Promote the development of philanthropy by MGC Token and increase the transparency of international public welfare.

6. MGC will be launched on several international exchanges to accelerate the circulation of tokens in the secondary market.

7. Create a exchange, support MGC for coin-to-coin transactions, and use MGC as a platform fuel.

8. We are expected to use the 1 year or so to develop the MGC Coin Chain public chain.

9. After the completion of public chain research and development, MGC will become the supply chain of various industries and will support applications in more fields.

Conclusion: Three core points of MGC platform token,transaction scenario upgrade, ecological chain deployment, research and development online public chain.

13.8 Launching more circulation of exchange

The MGC will be put on more exchanges for secondary market circulation. Users can transfer the tokens they hold to the secondary trading market for free trading. Initially, we will launch several exchanges to increase market liquidity. We believe that MGC will have market depth and transaction depth on these platforms, and we will also prefer exchanges with market depth to go online.The MGC token will introduce more trading portals through these trading platforms. Of course, these exchanges also add a good trust endorsement to MGC, which plays a crucial role in the follow-up market performance of MGC.

The following three important points will be take into consideration as priority:
1. **Security issue:** The centralized trading platform still operates in the way of traditional financial institutions. It needs to be recharged and acted as an asset entrusted role. It is easy to be hacked and cause user losses. We firstly consider the security of the trading platform and social reputation.
2. **Integrated liquidity of the platform:** The trading platform is aimed at users' restrictions and handling fees.It is not conducive to the circulation of MGC tokens, or MGC tokens are blocked in the circulation of the platform.
3. **Whether there is insider trading:** the traditional exchange is subject to the centralized system, the management data of the foreground and the background is different, and the system data is updated differently, and whether the exchange uses information asymmetry to manipulate the real-time price.

13.9 Plan of landing ecology

MGC is the token issued by MGC Token platform. We believe that the platform coin needs more economic entities to support it. The expansibility of the platform coin determines that MGC will endow various rights and interests and value. The landing ecology will be more extensive, and then the landing ecology will become the value support point of MGC Token coin. The trend and development of MGC Token coin will get more users' favor and support. While the MGC Token wallet and the exchange on the shelf, even if we build a   exchange and public chain in the future, will become the landing application of MGC coins. These applications have huge profit points, which provide a guarantee for the stable development of MGC coins, and at the same time, provide the possibility for the holders of MGC tokens to obtain the rising value of their tokens. Using MGC Token as a springboard for accumulative users to use MGC Token as a base. The upcoming MGC de-centralized trading platform will build a solid foundation.

We will build a physical landing ecological plan based on the Commonwealth countries. At present, we have reached consensus with some enterprises and need to further open applications to the market.

The following is an introduction to the strategic cooperation of entity ecology:
1. MGC and NOVO become long-term partners and develop together.
2. MGC made cooperation with the MET1 group to provide real estate investment services for MGC users.
3. MGC signed a successful contract with Sabah root bird house.
4. MGC made cooperation with Desaria Property Sdn Bhd.
5. MGC made cooperation with Far Eastern Group to provide to provide the users with overseas property projects
6. MGC made cooperation with Jeweller Jade Stone on the online channel cooperation of the Internet.
7. MGC made cooperation with TROP PLANTATON.

13.10 Plan of token economy

The platform token introduced by MGC Token will also serve as a medium for the token, and we believe that the blockchain will ultimately serve the entity, and MGC coin is not only a tool for motivation, we are also improving and optimizing a token economic system. In the token system, we will fully provide the market with a high degree of freedom.All users can issue token of rights and interests based on their own resources and service capabilities. The issued token will run on the block chain. Users can verify, trace and exchange MGC Token-based token at any time, which are more secure, credible and reliable.

1. The token economy will be used for the asset pricing of MGC tokens for point-to-point payment, exchange, and settlement. It will also be used for the circulation and consumption of tokens landing ecology, and can also be used for incentives for MGC Token users and certificates for the construction of financial institutions in the later period.

2. MGC Token will launch more online DAPP applications, use the distributed account book and digital encryption technology of the blockchain to encrypt and distribute the data of DAPP applications, and trace the source of each link.
3. MGC will be used as an online DAPP token, the intervention of MGC token can be effectively introduced into the user, MGC will be used as a reward and promote market benefits, thus achieving differentiated service and user experience, this way will apply to

the retail on the chain and DAPP applications of membership.

4. MGC token will also be used in distributed service contract DAPP application, which is applicable to takeaway, household management and real estate intermediaries. Through the digitization of service contract, users will use MGC coin for payment and settlement, thus realizing the decentralized shared economic ecology with incentive mechanism and token value-added.

5. With the application of DAPP game, MGC Token will open up more game applications and build a reasonable token economic system. MGC Token will perfect the complex interaction of game value, playing mechanism and token economy, and build a complete token economic system in the field of block chain DAPP game.

14 Achieving the value of Token Economy

With the maturity and popularization of block chains and smart contracts, MGC Token will build a new decentralized token economy and business ecosystem. With MGC Token users as the center, the users who use MGC Token will build a global digital currency token and settlement network in an all-round way. The overall development process of the platform will be a combination of short-term construction and long-term development. We will gradually improve the following strategic steps.

Period	Content
From April 2019	MGC Token will be officially launched in London, UK, and will be launched globally. APP will support dozens of languages and provide global users with MGC Token multi-functional smart wallet.
From May 2019	MGC Token will set up the MGC Singapore Foundation in Commonwealth countries as a starting point, and build 52 national landing ecological chains in succession. In the future, MGC Token application interface will cover the whole world. It will support the opening of landing ecological scenarios in Southeast Asian markets. Meanwhile, MGC Token will start to launch the global digital currency trading platform, and three exchanges will be launched in May/June/July
From August 2019	MGC Token is expected to build a exchange after August to support more global common tokens online, allowing users to trade freely with MGC tokens, pay for coin-to-coin transactions with other common tokens, and support the opening of OTC off-site transactions, as well as more wallet built-in applications.

From October 2019	The global financial payment area should be laid out in the form of mergers and acquisitions, stock ownership, payment licenses, bank licenses, fund licenses, insurance licenses and other related enterprises. The global circulation of MGC Token in the financial payment area should be opened, and the value of encrypted digital tokens should be created through MGC Token.
From March 2020	Launch the main network online, create a public chain belonging to MGC technology, realize the circulation and transaction of digital assets for major industries, companies, merchants and platforms in the world, occupy the pioneer of the era of Internet digital economy, use MGC as fuel, pay transaction fees, withdrawal fees and other fees with MGC.

15 Related institutions of MGC Token

15.1 Company profile of UK BG-MF INVESTMENTS GP LIMITED

We are an investment management company located in the financial centre of London. Our team consists of analysts and managers with many years of management experience.

We provide individual and collective financial management services, financial and investment consultation, investment planning and solutions based on in-depth study of the company. Beginning with the analysis of the company's financial statements, we will analyze the products and services it provides, and assess its resources and expertise. The purpose of this analysis is to assess the actual sustainability of the business and possible market interest.

Founded in 2013, our BG-MF team is all from the world's top elites in all fields, so that in 2015 and 2016 we won the five-star awards from CFS and HFM.

We always adhere to the famous saying of Warren Buffett, "We don't invest in enterprises we don't understand", so that we are invincible in the market.

Up to now, our company has reached 300 full-time employees and invested in more than 100 companies with a total investment of more than 300 million pounds.

15.2 Introduction of BG-MF corporate members

Marc Edward Charles (founder&CEO)
20 years of financial experience as a consultant and manager.In 2013, he became the largest shareholder of company.He is financial consultant of Lemanik SA, Credito Romagnolo and Banca Popolare di Milano.

Vanessa Carlton
(Head of Wealth and Investment Planning)
Vanessa joined the company's core team in 2014 and is responsible for wealth and investment planning.Through her work experience, she is responsible for overseeing the institutional sales team in London, Canada.Prior to joining the company, Vanessa was an account manager for BetaConsulenze SRL, an assistant manager and event planner for Chopard Italia and Dior.

Robert Shaarawy
(Managing Director, Alternative and Multi-asset Team)
Robert Shaarawy has held senior positions in major institutions such as J.P.Morgan Chase, Allianz and Dresdner Kleinwort for more than 10 years.Prior to his current position, he served as CEO of AC Global Markets.

John Morris
(Global Fixed Income Asset Portfolio Manager)
Mr. John Morris has more than 10 years of buyer experience with analysts and portfolio managers.Before joining BG-MF INVESTMENTS GP LIMITED, he worked as an analyst in Tamburi Investment Partners.

15.3 Introduction of BG-MF technical team

BG-MF INVESTMENTS GP LIMITED created the AONE blockchain expert research team in 2015 and marched into the world digital economy.

AONE technical team found that there were many disadvantages in traditional blockchains. The processing ability of blockchains is limited by the performance of consensus algorithm, the performance of consensus algorithm is limited by the size of system nodes and the processing ability of single node, and the development space of traditional single block chains is limited. As a result, many transactions with high frequency and low latency can not be applied in business scenarios. In the future, with the rapid development of the digital economy era, the transaction scale is far beyond the current level. Performance bottleneck is one of the key bottlenecks in the area of block chain. AONE technical team has made great breakthroughs in many technical fields such as side chain technology, cross-chain technology, super node, etc. Therefore, AONE team has won a number of technical innovation awards, technical research and development awards and landing application award in the area of block chain.

Dr. Springsteen Brain
Graduated from University of London in 2003, he studied for Master of Computer Science.Now, he serves as Technical R&D officer in BG-MFINVESTMENTS GP LIMITED.
He is responsible for all the phenomena and rules of computer and its surroundings, i.e. the research of computer system structure and program system (i.e. software). He has great accomplishments in AI and the nature and problems of computing itself. In 2015, he joined the AONE technical team and engaged in research and development for technical application of underlying for blockchain.

Abercrombie Mathematician

He holds a master's degree in digital economics from Columbia University. He is dedicated to the research and development of the digital economy era. He has digital compute technical background, and serve as the director of cloud computing center in large organization. He has great recognition for the digital economy era and is very optimistic about the future prospects of digital token.

Alfredo Aguirre Valdez Technical supervisor

He has won various awards in the field of AI and devoted himself to the research and promotion of blockchain technology. The dream is to make technology dividends available to the public on the premise of controlling the technological risks of the blockchain. Blockchain will lead people to build a more advanced society. They have their own unique views in the field of payment. He believes that block chains are innovative technologies of financial subversion.

15.4 Introduction of BG-MF charity center

Founded on October 27, 2015, BG-MF Charity Center was founded by Marc Edward Charles, founder of BG-MF Company. Its main director is Mr. Alexander Von Preysing, member of non-public foundations. Mein, Johnny and other well-known experts and scholars serve as the director of the charity center. BG-MF promotes the spirit of public welfare, promotes the economic development of the whole people, takes the cultivation of talents as its own responsibility, relieves disasters, alleviates poverty, rewards and teaches students in many countries around the world, improves the living and learning conditions of young people in economically underdeveloped areas, and helps them to improve their own development ability.

Bg-MF is not only committed to working with the world's leading academic authorities, but also to create an international learning and communication platform for young people around the world, to promote the development of youth education, and to carry out global public welfare activities to help poor students.

BG-MF Public Welfare Foundation has established and improved professional and standardized organizations, ensured the safe, efficient and transparent use of charitable funds and measurable charitable effects, and established a good social reputation.

In the future, under the leadership of President Alexander Von Preysing and with the support of a strong team of directors and cooperative units, BG-MF Charity Center will continue to strengthen its public interest determination, its belief in the training of impoverished adolescents worldwide, focusing on "innovation, experience and growth", and become a foundation concerned with the growth and education of impoverished adolescents, make all the children who have the ability and dream find the stage to realize their dreams.

15.5 Introduction of BG-MF Charity members

Alexander Von Preysing
(Chairman of BG-MF Charity Center)
He has served as a member of the non-public fundraising foundation, a member of the International Public Welfare Committee, and a member of the British Children's Help Association. Joined BG-MF in 2015, he has been responsible for many departments, proficient in bonds, private equity funds, risk management, making more contributions to international public welfare milestones, and gaining a good reputation for non-profit public welfare.

Michael Mein
(Vice-chairman of BG-MF Charity Center)
Graduated from Columbia University in the United States with experience working in the information technology and services industries. He has a strong sense of public welfare, good at cash, municipal liquidity management, treasury and business transformation, and he is responsible for the funds review and material distribution in BG-MF.

16 Legal affairs and risk precautions

16.1 Legal framework

The foundation is based on the development of an independent legal entity. The American Foundation will act as the regulator for promoting the operation of the MGC Token platform. The Singapore Foundation will act as an important institution for ecosystem construction.

The Foundation will conduct MGC exchanges in a manner consistent with all local laws and regulations.Due to legal restrictions, MGC Token services may not be available in certain countries.As an intangible commodity with practical use, MGC is neither a securities nor a fixed financial instrument. The market acceptance will determine the corresponding value of MGC.

The proceeds from trading are mainly used for technology development, marketing, community building, financial auditing, business cooperation, other related appropriate purpose and development of the MGC Token platform.

The MGC Token platform may be subject to inquiries and supervision by authorities around the world.In order to meet and comply with local laws and regulations, MGC Token may not be able to provide normal services in certain areas.

16.2 Risk precautions

Digital assets of investment blockchain are a kind of high-risk and high-return investment. Every purchaser of MGC token needs to consider relevant risk factors before investing. When these risk factors appear, they will seriously affect the value of MGC, and have a significant negative impact on it.

16.2.1 Blockchain system risk

1. Risk of system: It refers to the possible changes in returns caused by the common factors of the whole situation, which affect the returns of all securities in the same way. For example, policy risk - at present, the regulatory policies of some countries for block chain projects and financing by means of token sales are not clear, and there is a

possibility of loss of participants due to certain policy reasons. In market risk, if the overall value of the digital asset market is overestimated, the investment risk will be increased, and participants may expect the growth of passport sales projects to be too high, but this is not the case. Some high expectations may not be met. At the same time, the risk of system also includes a series of force majeure factors, including but not limited to natural disasters, large-scale computer network failures worldwide, political instability and so on.

2. Uncertainty: Digital asset transactions, including MGC, are highly uncertain. Due to the lack of strong supervision in the field of digital asset transactions, electronic token are at risk of ups and downs and being manipulated by bankers. If individual participants are inexperienced after entering the market, they may not be able to withstand asset shocks and psychological pressures caused by market instability. Although academic experts and official media give advice of cautious participation on a regular basis, there are no written regulatory methods and provisions, so it is difficult to effectively avoid such risks.

3. Regulation risk: It is undeniable that in the foreseeable future, there will be regulatory clauses to regulate the area of blockchains and electronic token.If regulators manage this area, the token purchased during the period of sale may be affected, including, but not limited to, fluctuations or limitations in price and marketability.

4. Team risk: The current blockchain technology field has many teams and projects, and the competition is fierce. There is strong market competition and project operation pressure.Whether the MGC Token project can break through in many excellent projects is widely recognized. It is not only linked to its own team capabilities, vision planning, but also to many competitors and even attacks in the market. There is a possibility of vicious competition.

5. Risk within the team: MGC Token brings together a dynamic and powerful team of talents, and attracts senior practitioners in the area of block chain, experts in the field of payment, experienced technical developers and so on. As the pioneer role of the block chain in Southeast Asia in the payment area, the stability and cohesion within the team are crucial to the overall development of MGC Token. In the future development, the possibility that MGC Token will be negatively affected as a whole due to the departure of core personnel and the conflict within the team is not excluded.

6. Project co-ordination and marketing risk: The founding team of MGC Token will spare no effort to achieve the development goals proposed in the white paper and extend the

growth space of the project. Because this white paper may be adjusted with the update of project details, if the updated details of the project are not obtained in time by the token sales participants, or if the public is not aware of the latest progress of the project, the participants or the public are not aware of the project due to asymmetric information, which affects the subsequent development of the project.

7. Project technical risk: First of all, the project is based on cryptographic algorithms, and the rapid development of cryptography is bound to bring potential risks to be cracked.

16.2.2 Risk of blockchain software

1. Risk of transfer delay for blockchain: At present, most block chain networks in the market will have a certain transfer delay, which is due to the need to confirm the mechanism of block chain transfer. All investors in block chain should have a full understanding of the corresponding situation. Delays in block chain transfer may result in investors'inability to trade at the appropriate price, resulting in certain losses. This potential risk needs to be fully understood by investors.

2. Risk of blockchain congestion: Most blockchains are prone to periodic congestion, which can easily cause long delay or even loss of transactions. The occurrence of these risk factors will have a certain impact on investors.

3. Leak of blockchain software : Blockchain token contracts, basic blockchain, application software platforms may have technical vulnerabilities, which is also because block chain technology is in the early stage of development, and some new technologies have not been fully tested by the market. Some leaks may result in the risk of investors losing all their tokens.

16.2.3 Security risk of use for users

Private key loss risk: MGC token is stored in the user's private wallet and the key is used when accessing. If the user accidentally loses or leaks the wallet key, it may result in the loss of access to the wallet or wallet token. This risk is irreversible, and the issuer of the token will not be able to bear such risk.

16.2.4 Risk of related third-party platforms

There is a risk of closure of platforms or trading platforms that store MGC tokens, which may lead to loss of tokens stored on the corresponding platforms by users. MGC issuer will not be able to bear the corresponding losses. Secondly, technologies such as block chains, distributed accounts, decentralization and disagreement with tampering support the development of core business. MGC Token team can not fully guarantee the technology landing. During the update and adjustment of project, the leaks may be found, which can be remedied by issuing patches, but the impact of leaks can not be guaranteed.

16.2.5 Hacker attack and criminal risk

In terms of security, the amount of a single supporter is small, but the total number is large, which also puts forward high requirements for the safety of the project. Electronic token has the characteristics of anonymity and traceability. It is easy to be used by criminals, or attacked by hackers, or may involve criminal acts such as illegal asset transfer.

16.2.6 Other current unknown risks

With the continuous development of blockchain technology and the industry as a whole, MGC may face some unforeseen risks.Participants are required to fully understand the team background, understand the overall framework and ideas of the project, make reasonable adjustments to their vision, and participate in the token investment.

16.3 Disclaimer

1. This document is provided for informational purposes only and is provided for informational purposes only and does not constitute any investment advice, instruction or solicitation to sell stocks or securities in MGC Token and its related companies.Such invitations must be made in the form of a confidential memorandum and must comply with relevant securities laws and other laws.

2. The contents of this document shall not be construed as compelling to participate in the sale of the token. Any conduct related to this white paper shall not be considered a participation in the token sale, including requesting a copy of this white paper or sharing this white paper with others.

3. Participation in the token sales means that the participants have reached the age standard and have complete civil capacity, and the contract with MGC Token is true and

effective. All participants voluntarily signed the contract and made a clear and necessary understanding of MGC Token before signing the contract.

4. The MGC Token team will continue to make reasonable attempts to ensure that the information in this white paper is true and accurate.During the development process, the platform may be updated, including but not limited to the platform mechanism, the token and its mechanism, and the distribution of the token.Some of the content of the document may be adjusted in the new white paper as the project progresses. The team will post the update to the public by posting an announcement or a new white paper on the website.Participants are required to keep the latest white papers in a timely manner and adjust their decisions in a timely manner based on the updates.MGC Token expressly disclaims any loss as a result of the reliance of the content of this document, the inaccuracies of this document, and any actions resulting from this document.

5. The team will spare no effort to achieve the goals mentioned in the document, but based on the existence of force majeure, the team can not fully complete the commitment.

6. As the official token of MGC Token, MGC is an important tool for platform performance, not an investment.Having an MGC does not mean granting its owner ownership, control, or decision-making authority over the MGC Token platform.The MGC, as an encryption token used in the MGC Token, does not fall into the following categories:
①Any kinds of currencies
②Securities
③Equity of legal entities
④Stocks, bonds, notes, warrants, certificates or other instruments that confer any rights.

7. The value added of MGC depends on the market rules and the demand after application landing, it may not have any value, the team does not promise its value-added, and is not responsible for the consequences caused by the increase or decrease of value.

8. To the maximum extent permitted by applicable law, the team shall not be liable for any damage or risk arising from the participation in crowd sourcing, including, but not limited to, direct or indirect personal damage, loss of business profits, loss of business information or any other economic loss.

9. The MGC Token platform complies with any regulatory regulations, which is conducive to the healthy development of the token and sales industry, as well as self-regulatory

declarations of the industry. Participant's participation means that the representative will fully accept and comply with such inspections. At the same time, all information disclosed by participants to complete such inspections must be complete and accurate.

10. The MGC Token platform clearly communicates the possible risks to the participants. Once the participants participate in the crowd funding for token sales, they accept the understanding and recognition of the terms and conditions in the detailed rules and accept the potential risks of the platform at their own risk.

11. National citizens who are prohibited from selling tokens are not allowed to participate.