



Meta universe global digital currency trading platform

Meta Universe Global Digital Currency Trading Platform

WHITE PAPER

PREFACE

Meta universe is a 3D virtual world that connects all people with each other. People have their own digital identities in meta universe, and can interact freely in this world and create anything they want.

Nowadays, when many people talk about the meta universe, they mostly refer to the eight elements put forward by Roblox, the first stock of the meta universe, namely, identity, friends, immersion, low delay, diversification, anytime, anywhere, economic system and civilization. Among them, civilization will be the ultimate development direction.

According to meta universe global digital currency trading platform, meta universe will be an unprecedented large-scale participatory medium with a fair economic system, where all creators can participate, make money and get rewards. Meta universe is not something an enterprise can accomplish. At the same time, society will not allow the meta universe to be monopolized by one company, just as the Internet cannot be monopolized by any company.

However, it is still far from the real meta universe. It should be said that before realizing the real meta universe, we should build Web3.0 first, and in this respect, meta universe global digital currency trading platform has enough technical strength.

In the planning of meta universe global digital currency trading platform, the identity of players will change from consumers to ecological participants in the future, while the way of capturing value like chain tour itself will change from service-oriented and selling-oriented income to ecological rent-seeking income. Web3.0 will gradually evolve more business ecology outside the financial sector, enter a new stage of rapid development, and further accelerate the landing of meta universe. Meta universe global digital currency trading platform will make due contributions to the development and application of meta universe by taking advantage of its own advantages.

To sum up, if you want to really enter the meta universe, it still has a long way to go. However, meta universe global digital currency trading platform has enough financial advantages to support itself to keep up with its development. Moreover, after years of development, meta universe global digital currency trading platform has rich technical research and development strength, which can ensure a place in the field of meta universe. A more important advantage is that meta universe global digital currency trading platform has accumulated many users through its safe and stable image, all of whom are the first batch of meta universe ecological experiencers in the future. Meta universe global digital currency trading platform is naturally blessed with many resources, which is naturally more advantageous.

Meta universe global digital currency trading platform sincerely hopes to turn its advantages into the driving force for the advancement of the meta universe. Meta universe global digital currency trading platform hopes to create a decentralized virtual world with a complete economic system and continuous operation, and this world will benefit all of us.

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CHAPTER I

GLOBAL MARKET BACKGROUND

- 1.1 Blockchain Digital Assets are moving towards Trillions of Dollars
- 1.2 Pain Points of Digital Asset Exchange
- 1.3 New Trading Mode under Meta Universe
- 1.4 Blockchain brings Decentralized Support to Meta Universe



◆ CHAPTER I GLOBAL MARKET BACKGROUND

1.1 Blockchain Digital Assets are moving towards Trillions of Dollars

Blockchain technology is a distributed account book constructed by modern cryptography and distributed network technology. Bitcoin is the first application based on blockchain technology in history, which has realized the safe, secret and independent digital currency of central banks or financial institutions. Since the birth of the first Bitcoin on January 3, 2009, digital asset exchanges have also emerged.

Take Binance, the world's largest digital asset exchange, as an example. Since its establishment in June 2017, it has registered more than 8 million users, with more than 90 million monthly visits and an average daily transaction volume of more than 5 billion US dollars. In the big and small bear market of Bitcoin's decline, the public discussion and media communication precipitated a large number of new users for the next bull market. Many countries' attitudes towards digital assets range from prohibition to recognition, and some countries even begin to legislate to support digital assets, which indicates that digital assets will form a brand-new historical economic trend.

At present, there are hundreds of millions of people participating in and paying attention to digital assets worldwide, with a daily turnover of about 20 billion US dollars and a total market value of digital assets close to 500 billion US dollars, which is only the initial stage of the digital asset trading market. Compared with the global stock market, the average daily transaction volume is more than 2 trillion US dollars, and the total market value is more than 120 trillion US dollars. Even if the future digital asset transaction, financial and market scale will only reach half of the stock market, there is still more than 100 times room for growth compared with the present.



1.2 Pain Points of Digital Asset Exchange

At present, the secondary market of blockchain digital assets is developing rapidly. According to incomplete statistics, there are more than 100 digital asset trading platforms in the world, with over 10 million active investors. According to Coinmarketcap data, since October 2017, the single-day trading volume of the global digital asset market has exceeded 20 billion US dollars, and the overall market value has exceeded 400 billion US dollars.

Pain point 1 Difficult for legal tender marketing

Due to the restrictions of local laws, there are more and more restrictions on legal tender marketing, most exchanges help users for legal tender marketing by OTC. At present, the whole cryptocurrency market is just developing, and more and more people will participate in it in the future. It is difficult to raise the threshold of market entry by legal tender marketing, and no exchange can meet the needs of users in different regions for legal tender marketing at the same time.

Pain point 2 Low safety and stability

Security is the top priority for trading platforms. Hundreds of trading platforms have been attacked to varying degrees. More than 300 platforms have been shut down due to hacker attacks. This has not only caused huge economic losses to exchanges and users, but also impacted the cryptocurrency market. Even some of today's mainstream platforms (such as Binance) have been attacked by hackers and caused a lot of losses. At present, a large number of exchanges have backward structure, unstable system, downtime during peak period, and often fail to withdraw coins and recharge for too long.



Pain point 3 Lack of multilingual platform

Cryptocurrency has been widely recognized in the world. Although the market is still in its infancy, investors have spread all over the world. Although some exchanges support users in most countries around the world to trade, they are mostly in English. Unable to meet the needs of investors in all parts of the world, raising the investment threshold.

Pain point 4: Lack of service experience

Most platforms do not pay attention to user experience, and only reply to the questions reflected by users in the form of customer service and email, which is not conducive to activating the community and increasing user stickiness.

Pain point 5: Single trading method

Most cryptocurrency exchanges only provide users with currency transactions, and the basic trading methods cannot satisfy all cryptocurrency investors (such as investment institutions), and the existing trading methods can not make users' assets in the market under the circumstances to get a good value.



1.3 New Trading Mode under Meta Universe

1.3.1 Metaverse

Meta universe is not a simple game, but a digital space for human beings to socialize, entertain and work in the future, and it is the key carrier of future lifestyle, which is a new digital world that everyone needs to understand. Just as blockchain technology is still in its early days, meta universe games are only the earliest embryonic form. The future meta universe will be a dismediated and cross-platform world completely created by users. Blockchain is the key technology in meta universe. Simply speaking, any props that are separated from the game are meaningless, and any virtual periphery or virtual artwork that is separated from the virtual world cannot exert its maximum value. Meta universe will be the best container for these virtual goods (with pure collection attribute NFT). Meta universe is a virtual space which can map the real world and is independent of the real world.





This is another virtual world that is "parallel" to our physical world, a world that we can freely access and interact with through the Internet and compatible hardware devices.

Meta universe has the potential to change the existing way of socializing. Although it is not as fantastic as depicted in science fiction and film and television works, it may become a new computing platform and content media, generating trillions of dollars in value. Meta universe can be the gateway to most digital experiences, a key component of physical experiences, and even provide jobs in virtual fields.

Decentralized network (cryptocurrency) provides unparalleled financial billing and security to cope with the decline of our trust in institutions. It seems inevitable that cryptocurrency may play the most important role in the emergence of meta universe.

Meta universe global digital currency trading platform aims to unveil the upcoming evolutionary revolution by combining cryptocurrency with Metaverse and building an ethical, decentralized, entertaining and innovative project.

This is a virtual world, which will exist as a space for hosting data and ideas in the blockchain. At the same time, the meta universe meta universe global digital currency trading platform has become a new opportunity for the creation and collection of NFTs, which will be presented as a way of self-expression, a tool or in the form of real estate in the virtual world.



1.3 New Trading Mode under Meta Universe

1.3.2 Blockchain provides identity for meta universe

When talking about the most basic guarantee of meta universe, we can imagine such a scenario, if we have two "myself" in the meta universe, what kind of feelings should we feel? Just like being copied easily in the Internet world, it is difficult to distinguish who is a copy in the same document, and such a problem must not exist in the meta universe, which is also a difficult function for the Internet to realize at this stage.

However, blockchain can reach it.

Just like the important characteristics of blockchain described above, tamper resistance and traceability make blockchain inherently "anti-copy", which is why Bitcoin network, which has been born for more than 10 years, has never been attacked by hackers.

In the meta universe, apart from the current traditional identity authentication system, our identity will be connected to the blockchain identity authentication system with great probability in the future, which means that even without the traditional identity authentication, we can also judge the user's identity and ensure that the identity of others will not be copied or stolen.

Of course, blockchain only provides the function of "anti-copy", not anti-theft. Besides anti-copy of identity, it also includes anti-copy of assets, which will be described in detail below.



Only by ensuring the uniqueness of identity in the meta universe can we really swim in the meta universe without worrying about plagiarism of our own value, which is the drawback of the Internet. However, with the support of blockchain technology, the world in the meta universe will change greatly. It can be said that only with this basic guarantee can the meta universe really develop.

Some time ago, the hot "ENS airdrop" in the blockchain field (ENS is Ethereum's domain name system, which is similar to the .com of internet) actually represents a new identity authentication mark, and we believe that such products will also appear in the future meta universe.





1.4 Blockchain brings Decentralized Support to Meta Universe

01

Data decentralization

Since the beginning of the information age, the transmission speed of information has become faster and faster. While we enjoy the convenience brought by science and technology, the possibility of exposing our own privacy has become higher and higher invisibly. Technology giants often get a lot of our personal data by providing us with many free services, but we don't know how these data will be kept and used. However, we clearly know that these data are not safe. Even Facebook, which has nearly 3 billion users, is often exposed to the problem of user data being leaked.

These leaked personal data are often abused, which disturbs our daily life and affects our property safety and life safety. This problem will be more obvious in the meta universe, because the meta universe will involve many digital assets. If our personal data is used to authenticate some platforms, criminals are likely to steal our digital property. Therefore, how to ensure our data security in the meta universe is very important.



Blockchain is called value internet, because it can ensure that the data on it will not be tampered with or forged, and the data transmission can be traced back, so it can transmit value and rights. If our precious personal data is decentralized through blockchain technology, it can realize that our data belongs to us personally, and no one can tamper with it or dispose of it at will.

If an organization wants to use our personal data, it needs to be authorized by us and pay the corresponding authorization fee. If it is combined with some privacy or encryption technologies, it can even achieve that the other party can only obtain some desensitized data, or can only verify that we are a qualified participant without knowing who I am.

With the blessing of blockchain, the future meta universe can be closer to the interaction in reality. For example, buyers and sellers don't need to know who each other is, and they don't have to worry about being harassed by telephone when buying virtual real estate in meta universe.



02

Decentralization of storage, computing and network transmission

Friends who have seen "Free Guy" must be very impressed with a scene in the movie. When the protagonist is looking for evidence in the virtual world, the villain BOSS can destroy the virtual world by destroying the server running the virtual world, thus trying to stop the protagonist.

If we are in a meta universe, we certainly don't want such a thing to happen to us. This requires building the meta universe on a server that is not controlled by a centralized subject, but storing, calculating and transmitting all the data of the meta universe in a decentralized way.

The decentralization technology of blockchain combines some emerging distributed storage, computing and network transmission technologies. The decentralized network infrastructure expected by the meta universe can be constructed, so that our data and assets in the meta universe belong to us personally, and the meta universe in which we live will no longer be arbitrarily dominated and destroyed by others.



03

Openness and transparency of rules

A major feature of the meta universe is that it is very similar to the operating rules of the real world, and there will be a very strong sense of real immersion, so the most common scenes we encounter in reality are rules. Specifically, all our behaviors are within the protection and restraint of the law to ensure our normal life. However, the existing legal framework is also difficult to avoid some centralized evils, such as black-box operation, secretly modifying rules and so on.

These problems will also happen in the network-based meta universe. Fortunately, blockchain technology in the network can solve this problem. "Code is Law", which means that code is law, is a remarkable feature of blockchain.

Because the blockchain is decentralized and open and transparent, the rules can be written in code in advance by means of smart contract, which can ensure that the code is not operated in a black box and that no one can tamper with the rules. Once the rules are written, they can be automatically executed. When the conditions set by the rules are triggered, the smart contracts in the blockchain can perform corresponding operations according to the settings, which is the interpretation of code as law.



CHAPTER II

INTRODUCTION TO META UNIVERSE GLOBAL DIGITAL CURRENCY TRADING PLATFORM

2.1 Introduction to Meta Universe

Global Digital Currency Trading Platform

2.2 Mission and Vision



❖ CHAPTER II

INTRODUCTION TO META UNIVERSE GLOBAL DIGITAL CURRENCY TRADING PLATFORM

2.1 Introduction to Meta Universe Global Digital Currency Trading Platform

Meta universe global digital currency trading platform is the only truly decentralized meta universe project at present, and it is a global comprehensive trading platform, which provides diversified system functions such as currency trading, futures contracts, financing and currency financing, over-the-counter trading, whole-network trading and decentralized trading, and meets the trading needs of various investors. It is seeking to combine the concept of Metaverse with the economy based on cryptocurrency, effectively connecting the market depth of major exchanges around the world and providing higher liquidity.

Meta Universe Token (MUT) will be used as an exchange medium in the meta universe, lead people to explore and understand the meta universe. In addition, MUT will be used as the gateway to various fields of meta universe global digital currency trading platform ecology. Used to access games, virtual concerts and clubs, media, entertainment, education, travel in the meta universe, investing in virtual real estate, mining materials in games, paying services to other players, social experiences and programs, and anything else that money can use in the physical world, but MUT acts on the virtual world. In a word, it is the digital currency of the virtual world.



2.2 Mission and Vision

Meta universe global digital currency trading platform has now created a virtual space platform different from reality. Users are constantly growing, socializing and accumulating wealth on the meta universe blockchain platform of meta universe global digital currency trading platform, and building a new wealth life. The value proposition of the meta universe global digital currency trading platform for application developers is that they can reap the full benefits of the economic interaction between their applications and their users.

The scripting language of the meta universe global digital currency trading platform supports the development of applications, games, and dynamic 3D scenes. This scripting language has many capabilities, including creating objects, loading textures, handling physics, and encoding user interactions, sounds, payments, and external calls. We hope that users can publish, distribute and collect rare digital assets distributed in the blockchain. As they do in other virtual worlds or online forums, these digital assets can be traded in the meta universe global digital currency trading platform via a scripting system supported by the naming system mentioned earlier.

In the future, the popularization of meta universe will accelerate the deep integration of real economy and digital economy, and the technical value of blockchain will gradually appear in this process. Meta universe global digital currency trading platform will lead a new business model, reconstruct distribution model, market structure, organizational form and industrial relations, and push mankind towards a new era of digital civilization.



CHAPTER III

FUNCTIONS AND CHARACTERISTICS

3.1 System Functions

3.2 System Characteristics



◆ CHAPTER III FUNCTIONS AND CHARACTERISTICS

3.1 System Functions

3.1.1 Currency-currency trading:

MUT platform mainly focuses on currency-currency trading mode, and selects high-quality blockchain digital assets globally.

3.1.2 Futures contract:

MUT platform will open futures trading functions and financing and currency financing functions for individual digital asset varieties on the premise of ensuring market stability.

3.1.3 OTC trading:

MUT platform will build an intermediate service platform, and open B2C and C2C trading modes to global merchants and individuals.

3.1.4 Whole-network trading:

MUT platform realizes borderless cross-network transaction by docking with major trading platforms around the world, and users can complete transaction operations among multiple platforms with one click only through this system.

3.1.5 Decentralized trading:

MUT platform will start the development and construction of decentralized exchange simultaneously, and will be put into use in the future while ensuring safety, stability and high efficiency.

3.1.6 All-platform client:

MUT will provide all-platform client to meet the needs of different end users, including WEB browser, Android client, IOS client, H5 mobile browser, PC client and so on.



In addition to the digital assets recognized by the community, such as Bitcoin and Ethereum, MUT platform will also set up a professional research team, adhering to the concept of open cooperation, and select high-quality blockchain digital assets on a global scale.





3.2 System Characteristics

3.2.1 High performance support:

The trading system of MUT platform adopts self-developed high performance core matching engine technology, and makes full use of distributed computing technologies such as Google Spanner and BigTable, which can support massive concurrent computing, and the order processing speed can reach millions of orders per second.

3.2.2 Extreme experience:

MUT platform adopts flexible and dynamic application container framework, and Kubernetes scheduling technology automatically scales service capacity according to load, which can support millions of users to operate online at the same time and ensure smooth operation experience of users to the maximum extent.

3.2.3 Security mechanism:

MUT platform adopts advanced multi-tier and multi-cluster system architecture to ensure high performance, security, stability and scalability of the system; The blockchain nodes are used to apply cold/hot wallet technology, and the hot wallet uses gateways. According to the characteristics of each blockchain node, the key and address operation modes are optimized to ensure the security of user assets.

3.2.4 Adequate liquidity:

The original network-wide trading mode of MUT platform will effectively connect with the market depth of major exchanges around the world, provide higher liquidity and better trading experience, and users can trade with counterparties on major platforms around the world without leaving MUT. In the future, we believe that MUT will become the largest liquidity provider of digital assets in the world by relying on the whole network trading system.



Adopt self-developed high-performance core matching engine technology, and make full use of distributed computing technologies such as Google Spanner and BigTable.

Using flexible and dynamic application container framework, Kubernetes scheduling technology automatically scales service capacity according to load.

High performance support

Extreme experience

Characteristics of MUT Platform

Security mechanism

Adequate liquidity

The advanced multi-tier and multi-cluster system architecture and the application of cold/hot wallet technology in blockchain nodes ensure the high performance, security, stability and scalability of the system.

The original network-wide trading mode will effectively connect with the market depth of major exchanges around the world, and provide higher liquidity and better trading experience.



CHAPTER IV

TECHNICAL ARCHITECTURE OF META UNIVERSE GLOBAL DIGITAL CURRENCY TRADING PLATFORM

Overview of Technical Architecture

4.1 Core Business Endorsement of Meta Universe Global Digital
Currency Trading Platform System

4.2 LMAX Disruptor Decomposer Technology

4.3 Object-Oriented Data Pattern

4.4 Assigning IDs and Avoiding Hash Computation

4.5 Removing Signature Verification from the Business Logic Processor

4.6 Designing Transactions for Static Verification



◆ CHAPTER IV

TECHNICAL ARCHITECTURE OF META UNIVERSE GLOBAL DIGITAL CURRENCY TRADING PLATFORM

Overview of Technical Architecture

The key points of the meta universe global digital currency trading platform technology are as follows:

a)	Put everything in memory
b)	Put the core business logic into a single thread
c)	Place cryptographic algorithm operations (hashing and signing) outside of core business logic
d)	Divide the validation operation into state-independent and state-dependent checks
e)	Use an object-oriented data model

By following these simple rules, the meta universe global digital currency trading platform achieves efficient performance of handling 100,000 transfers per second without disruptive optimization efforts. If there is further optimization, the meta universe global digital currency trading platform can reach nearly 6 million times per second. It should be noted that this performance of the meta universe global digital currency trading platform is highly dependent on one of the compatible trading protocols. It is impossible to achieve the same level of performance if you want to use business logic to run on a virtual machine that performs cryptographic algorithm operations and uses hash recognizer to call all objects. Blockchain is inherently single-threaded, and the performance of single-core CPU is the most scarce and difficult aspect of various resources. The technical logic of the meta universe global digital currency trading platform enables this single-threaded execution to be as efficient as possible.



4.1 Core Business Endorsement of Meta Universe Global Digital Currency Trading Platform System

Blockchain is a global ledger issued about determining to modify a shared global status transaction.

The orders contained in these transactions can change the validity of other transactions. For example, you cannot withdraw money from your bank account before your cheque deposit takes effect. You cannot know whether a transaction is valid until all previous transactions that can affect a particular account have been processed.

If two unrelated accounts do not share any common dependencies, in theory, the transactions of these two accounts can be processed at the same time. In fact, it is tricky to identify which transactions are truly independent on an account book driven by intelligent contracts with arbitration conditions. The only way to ensure that two transactions are truly independent is by maintaining completely separate books and then transferring value between them on a regular basis. If this performance trade-off is to be used as an analogy, it can be like the relationship between Non-Uniform Memory Access (NUMA) and Uniform Memory Access (UMA). In fact, consistent memory access architectures are easier for developers to design and less expensive. Non-uniform memory access architectures are often used as a last resort when building supercomputers and large computer clusters. The computer industry has come to realize that performance expansion through parallel computing is not as easy as it was in the early days, after all, the most important thing to do at that time was to increase the frequency of processors.

For this reason, processor designers are desperately trying to improve single-threaded performance before attempting to use multi-threaded configurations to improve performance. Cluster computing is considered when multithreading is not enough and only then.



4.2 LMAX Disruptor Decomposer Technology

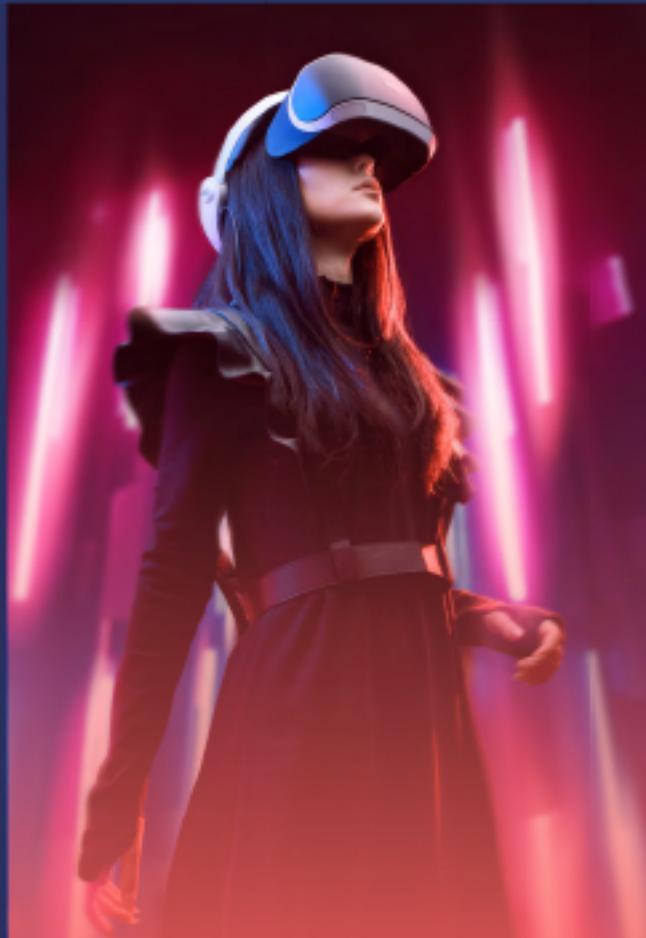
The LMAX business logic processor is where all sequential transactions and order matches occur. It is a single thread that can process millions of orders per second. This architecture can be easily used in the fields of cryptocurrency and blockchain design. The role of the input decomposer is to collect orders from many users from different sources and assign them in a certain order. Once they are ordered, they are copied, recorded, and broadcast to many redundant business logic processors. Input splitters are highly parallel and easily subcontracted to a computer cluster system. When the business logic processor has finished processing the inputs, an output splitter is responsible for notifying those concerned about the results. This is also a highly parallel task. Finally, LMAX can execute 6 million transactions per second by using a single-threaded sample processor and Java virtual machine in the business logic processor. If LMAX can achieve this result, cryptocurrency and smart contract platforms do not need to consider the cluster network scheme without even 10 transactions per second.





4.3 Object-Oriented Data Pattern

One of the benefits of keeping everything in memory is that software can be designed to mimic real-world data relationships. This means that business logic processors can quickly find data based on in-memory pointers instead of being forced to perform costly database query tasks. This means that data can be accessed without copying, and can be modified on the spot. This optimization provides an order of magnitude higher performance than any database-based solution.



The successful creation of the high performance of the meta universe global digital currency trading platform system is based on the core business logic to remove computational tasks unrelated to criticality, order dependency, and evaluation, and to design a protocol that can help optimize these matters.



4.4 Assigning IDs and Avoiding Hash Computation

In a single-threaded system, the processor cycle is a scarce resource that needs to be reserved. Traditional blockchain design uses hash calculation based on encryption algorithm to generate a unique ID system in the world, so as to ensure that there will be no collision statistically. The problem with doing this hash calculation is that it consumes more and more memory and processor cycles. Compared with a direct array index, this method takes significantly more processor time to find the records of an account.

For example, 64-bit integers are easier to compare and manipulate than 160-bit IDs. A larger hash ID mechanism means that there is less space in the CPU cache and more memory is needed.

Random access memory, which is infrequently accessed in modern operating systems, is compressed, but hash recognizers are random numbers, which cannot be compressed. Model blockchain gives us a way to assign unique IDs around the world, which do not conflict with each other, so we completely avoid using a recognizer based on hash algorithm like bitcoin address to reference an account number, balance or license.



4.5 Removing Signature Verification from the Business Logic Processor

All transactions in cryptocurrency networks rely on encryption algorithm signatures to verify permissions. In most cases, the requested permission can be changed by the result of other transactions. This means that within the business logic processor, permissions need to be defined to be independent of the cryptographic algorithm computation.

To achieve this, all public keys need to be assigned a unique and irreplaceable ID. When the ID is assigned, the input decomposer can verify that the supplied signature matches the specified ID. When the transaction arrives at the business logic processor, it only needs to check the ID.

This same technique enables removal of precondition checks on objects with irreplaceable static IDs.



4.6 Designing Transactions for Static Verification

For transactions, there are many features that can be statically checked without referring to the current global state. These checks include parameter range checking, input de-redundancy, array sorting and so on. Generally speaking, there are many checks that can be made if the transaction contains data that it "assumes" is global. After these checks are performed, all the business logic processor has to do is to ensure that these assumptions are correct. This process is summed up by checking the modification timestamp of an object reference involving the transaction signing time.





CHAPTER V

TECHNICAL ADVANTAGES OF META UNIVERSE GLOBAL DIGITAL CURRENCY TRADING PLATFORM

5.1 Technological Advantages

5.1.1 Creating and Publishing Custom Digital Assets

5.1.2 Higher Security

5.1.3 Efficiency and Scalability

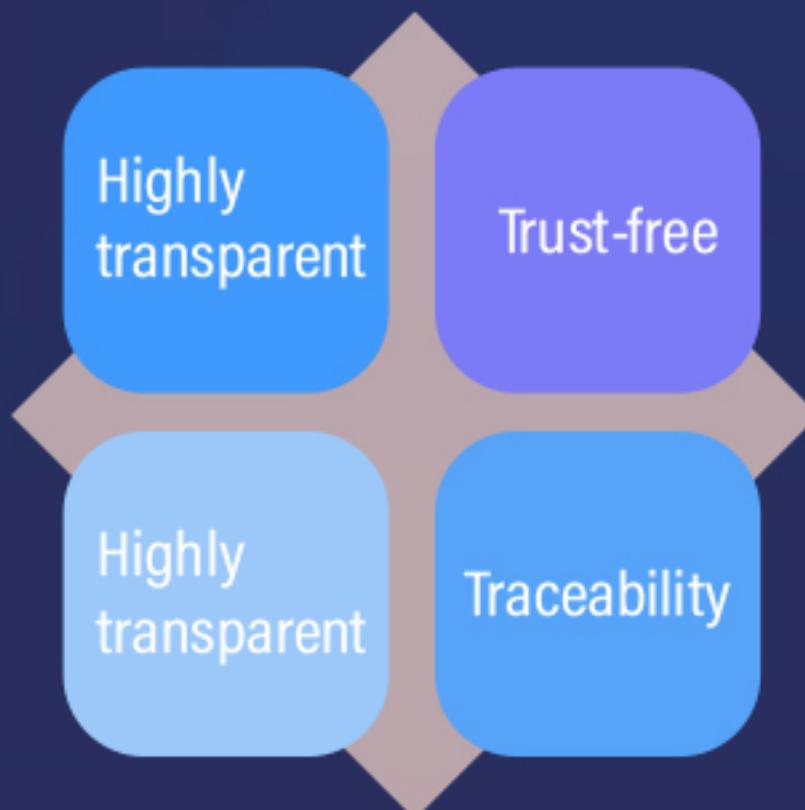


5.1 Technological Advantages

5.1.1 Creating and Publishing Custom Digital Assets

Digital assets are programmable assets in the form of electronic data. Using blockchain technology to realize asset digitalization has the characteristics of disintermediation, trust-free, traceability and high transparency. The bottom layer of the high-performance blockchain of meta universe global digital currency trading platform supports a variety of digital assets. Individuals, enterprises or institutions in need can create, distribute and trade their custom digital assets on the meta universe global digital currency trading platform.

At the same time, the platform intelligent asset meta universe global digital currency trading platform solves the mapping relationship with physical assets, which is convenient for users to register assets by themselves, freely trade and transfer related encrypted digital assets.





5.1 Technological Advantages

5.1.2 Higher security

① 51% of denial of service attacks

All witness nodes have financial incentives to verify the block chain, and all miners are also encouraged to reject blocks containing a large number of "unprecedented" transactions and fees, because this means that someone is faking to defraud fees or manipulate the network. Because the vast majority of users mine because of the reward income, the user market will actively cooperate to prevent such manipulation attempts. As a result, 51% of DOS attacks will cost the attacker a lot of money to buy off the whole network, and the mining revenue of users will increase, which will make 51% double payment attacks more expensive. All witness nodes have financial incentives to verify the block chain, and all miners are also encouraged to reject those that contain a large number.

② Encrypted communication

Communication between all nodes is encrypted for two reasons: preventing traffic packet filtering and making it more difficult to identify the source of new transactions.

5.1 Technological Advantages

5.1.3 Efficiency and Scalability

Due to the improved scalability, participants of meta universe global digital currency trading platform can now enjoy the fastest transactions at a very low cost, and the meta universe global digital currency trading platform system realizes over 100,000 batch transfers/s.



CHAPTER VI

ECONOMIC SYSTEM



◆ CHAPTER VI : ECONOMIC SYSTEM

Meta Universe Token (hereinafter referred to as MUT), the native platform base currency of meta universe global digital currency trading platform, with a total circulation of 200 million, is an encrypted digital asset generated based on blockchain and has been generated in Ethereum.

MUT promotes the prosperity and development of public chain ecology through positive incentives. Most public chains are far from reaching the community strength of Ethereum. Therefore, only by exploring the application of blockchain, developing blockchain technology and expanding community consensus can we build an excellent token economy suitable for ourselves, which is as important as developing blockchain technology innovation.

Token name: Meta Universe Token (MUT)

Issuing platform: ETH

Token standard: ERC20

Total issued: 200 million



The specific distribution ratio of MUT is as follows:

Technology research and development: 40%

This part of the funds will be used for the development and operation and maintenance of the platform system, including the development of the whole network system and decentralized trading system, as well as the corresponding development, recruitment of professionals and hiring of experts.

Market promotion: 30%

This part of the funds will be used to set up a professional market operation and public relations publicity team, devote itself to early community construction, increase brand publicity and promotion, and cooperate with various project teams and resource parties in various aspects.

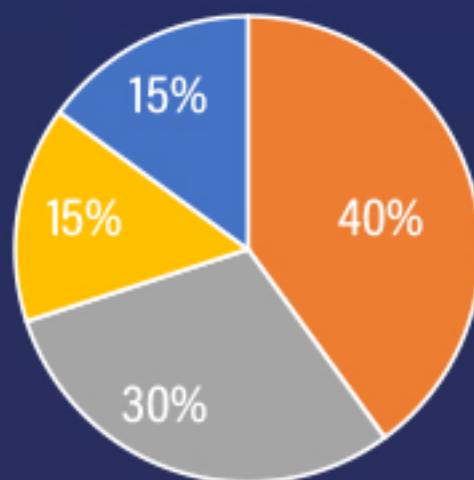
Daily operation: 15%

This part of the funds will be used for daily logistics maintenance, office space rental of team members, compliance legal consultation and financial audit after the platform system is officially launched.

Reserve fund: 15%

This part of the funds will be used for emergency treatment of emergencies and additional expenses for other affairs.

MUT Market Allocation Plan



■ Technology research and development

■ Market promotion

■ Daily operation

■ Reserve fund



CHAPTER VII

BLUEPRINT FOR FUTURE DEVELOPMENT



In July 2021

market research, technology and market feasibility were conducted



In December 2020

the platform model was built and tested and early investment was obtained



In October 2021

market research, team establishment, project establishment and product development were conducted



In May 2022

the meta universal global digital currency trading platform ecosystem will come out



In January 2022

the project white paper will be released and the token public offering plan will be launched



In June 2022

tokens will be officially sold to the community



In December 2022

it will be determined to jointly develop the meta space with the theme of "trading mining" with the GalaxySwap project team of A19z



In June 2023

MUT and GalaxySwap will create a classic immortal meta space based on MUT basic data, and plan to cooperate with virtual reality hardware company Oculus to announce the arrival of virtual world in 2023Oculus



In November 2024

MUT under Gala Games will announce the IDO plan, start the developed virtual reality platform, and officially enter the meta universe world





RISK WARNING

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