LIVE VIDEO Ecology

LVO

White Paper

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Ⅰ、 Overview of the global blockchain industry at this stage

Times are evolving, and technology is advancing. Today, every corner of the world is full of short videos, live broadcasts, self-media and related technologies. Blockchain is also in the air of the world ’s economies, with unparalleled application prospects and development potential. So, what is blockchain? What is the blockchain industry formed?

Blockchain technology can build an efficient and reliable value transmission system, promote the Internet as a network infrastructure for building social trust, and realize the effective transfer of value, and this is called the value Internet. It is noted that the blockchain provides a new type of social trust mechanism, which lays a new foundation for the development of the digital economy. Innovation under the application form of “blockchain +” indicates the new direction of industrial innovation and services. The widespread application of the value blockchain economy will be a major trend in the general development of the blockchain in the future, and also has a strong potential value.

1.1 Token economy

The token, or Token, is interpreted as "token, signaling". It can be understood as an encrypted equity token or certificate that can be circulated. It represents a kind of identity, a right, a carrier of value, and a bond of relationship.

As the name implies, the token economy is a blockchain economic model. If you want to define this brand new economic model in one sentence, my understanding is: a value-driven economic model that uses incentives to change production relations.

The essence of the token economy is to coordinate the organizational form of the production relationship through incentives. It allows rich and powerful contributions. As long as you make even a small contribution, you will get Corresponding rewards and equity certificates can greatly arouse the enthusiasm and creativity of participants, and can fully stimulate the vitality of the economy and promote economic growth. Such an economic model is called a token economy.

There are three elements of the token, which are indispensable.

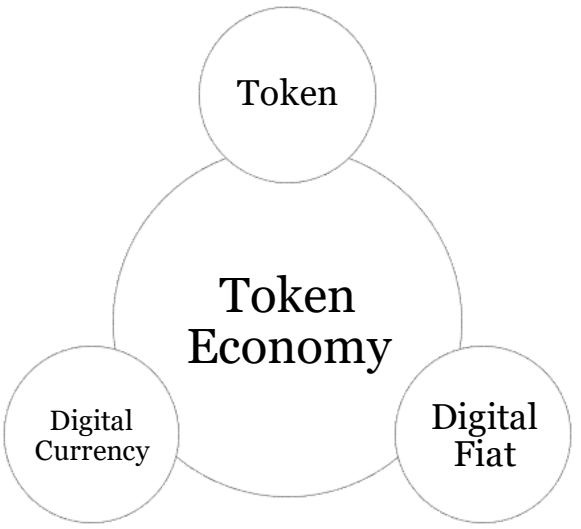
The first is the digital equity certificate, that is to say, the token must be a certificate of equity in digital form. It must represent a right, an intrinsic and intrinsic value.

The second is encryption, which means that the authenticity of the pass, tamper resistance, privacy

protection and other capabilities are guaranteed by cryptography. Each token is a right protected by cryptography. This kind of protection is stronger and more reliable than the protection provided by any law, authority and guns.

The third is negotiable, which means that the token must be able to flow in a network so that it can be verified anytime, anywhere.

Tokens can represent all proof of rights and interests, from ID cards to academic diplomas, from currencies to bills, from keys, tickets to points, cards and coupons, from stocks to bonds, all proof of rights and interests of human society can be represented by tokens. It can be said that all civilizations in human society are based on proof of rights and interests. All accounts, ownership, qualifications, certifications, etc. are proof of rights and interests. As Yuval Hurari said in A Brief History of Humanity, it is these "fictional facts" that are the core reason why Homo sapiens stand out and establish human civilization. If these proofs of rights and interests are all digitized and electronic, and the authenticity, integrity, and privacy are protected and verified with cryptography, it will be a huge renovation for human civilization.



Picture 1-1: Three-in-one token economy

As we all know, in various centralized economies, mobility has become the biggest obstacle to value creation, and the abuse of power will lead to various abuses. The generalization, in theory, can break the barriers set by anyone, can give any asset and equity the same identity and power, and give more powerful liquidity, especially those relatively scarce and have long-term appreciation potential. Equity and tokens undoubtedly have more advantages in terms of liquidity.

In terms of real definition, the token and the blockchain can have nothing to do with it, the same as the digital token. So why is the token economy extremely popular in the blockchain field? The reason is that the token attributes required in the token economy coincide with the technical characteristics of the blockchain, or are fully consistent.

First, blockchain is a natural cryptographic infrastructure. The digital currency issued and circulated on the blockchain bears the brand of cryptography from the DNA. The token represents the rights and interests, and cryptography is the most reliable and indestructible protection of rights and interests.

Therefore, the token on the blockchain is naturally safe and credible in the sense of cryptography.

Second, the blockchain is an infrastructure for transactions and circulation. The "pass" of the token is to have high liquidity, fast transactions, fast circulation, safe and reliable, and this is precisely a fundamental ability of the blockchain. Some people say that blockchain is a value exchange protocol over Internet TCP / IP. Regardless of whether this statement is comprehensive, it at least grasps a bit accurately, and blockchain is naturally the most suitable infrastructure for value exchange.

Third, blockchain is decentralized. This makes the difficulty of artificially tampering records, blocking circulation, affecting prices, and undermining trust greatly increased.

Fourth, the pass must have intrinsic value and use value. Through smart contracts, blockchain can endow tokens with rich and dynamic uses.

From the above, we can see that in the token economy, the basic attributes such as circulation, tamper resistance, consensus basis, and added value required by the token can be said to fully meet the characteristics of the encrypted digital currency developed based on the underlying technology of the blockchain. In the entire token economic system, a token must be used as an incentive mechanism for rewards and circulation. Tokens issued based on blockchain technology have become the current choice.

Therefore, the token economy and the blockchain are two completely different things in theory, but in fact there is an inevitable connection between each other. Blockchain technology can promote the development of the token economy, and the development of the token economy can increase the use of blockchain technology and accelerate the implementation of blockchain technology.

1.2 Digital content market in the global economy

Under the global market economy, the digital content media market is dominated by media companies, with the content value market as the center, diversifying digital video assets, and growing into a huge enterprise. Manpower, technology, creativity, capital, etc. are integrated, including the existing broadcast content market, and are expanding into the mobile, network, digital and other fields.

Companies that are operating in diversified directions, such as AT & T, the second largest mobile communications company in the United States, have reached an acquisition agreement with media and entertainment company Time Warner. Through these business activities, a communication and media dinosaur company

with both circulation and cultural information was born. As such, for international media companies, M & A is fundamental, getting rid of the business model of simply staying on the role of devices, platforms, content producers, etc., with active investment and the rapid development of Internet technology and smart media as springboards, more and more are being developed Complex, multi-level business model. In particular, smart media, multimedia platforms, N-screen services, OTT services, etc., which are currently running through the current media market, are undergoing unprecedented growth due to the impact of the digital storm of the fourth industrial revolution. Despite the economic downturn, the media industry has shown a continuous upward trend. We are facing a rapidly growing global environment. Therefore, the growth of the global digital content market is also based on information and communication technology (ICT) infrastructure, and it is rapidly growing in games, knowledge information (Internet portals), and various digital content markets.

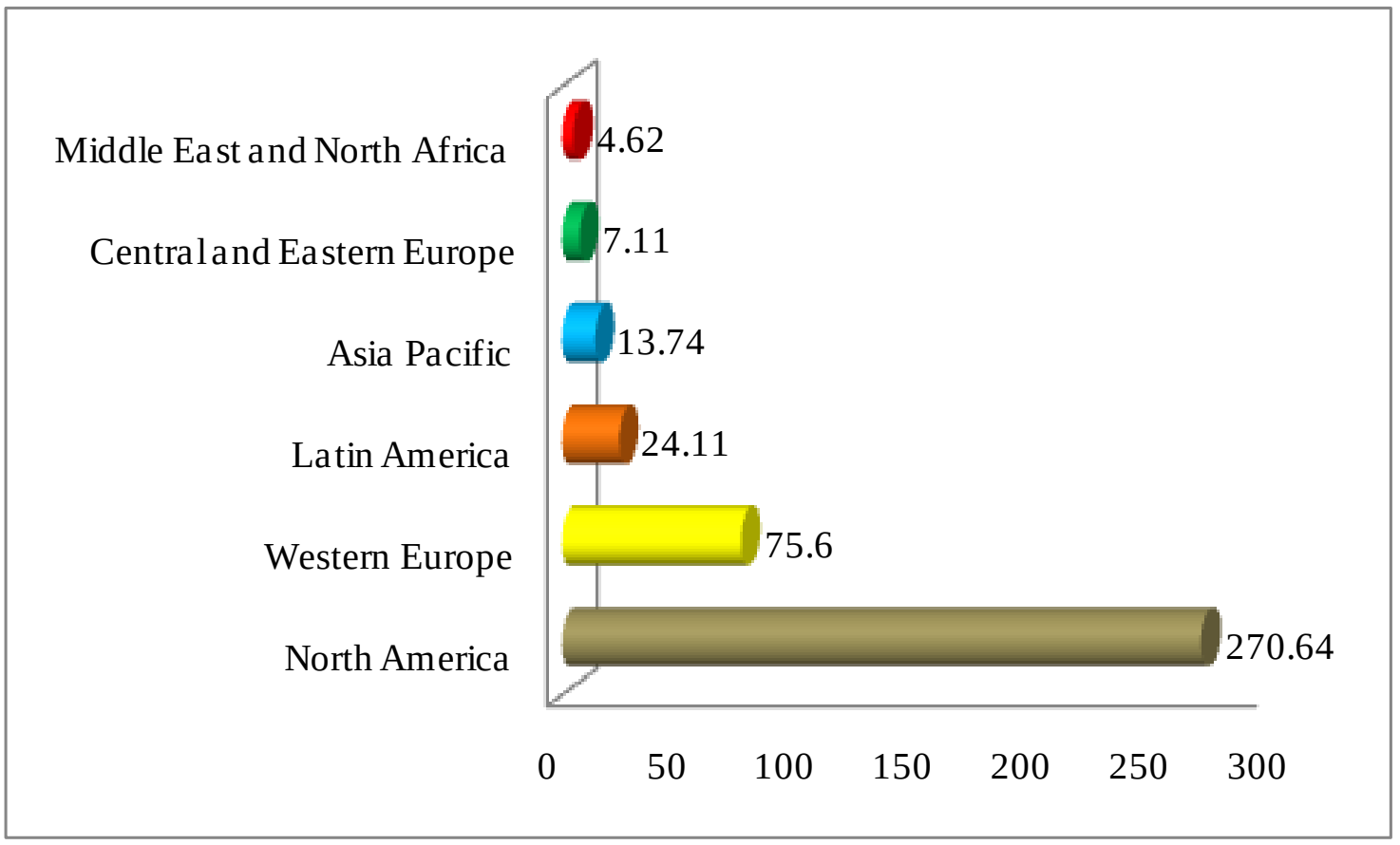


Figure 1-2: Annual average video revenue of households in various regions of the world in 2019 (USD)

According to data predictions, the global digital media market sales will reach 150-1.966 billion US dollars in 2019, of which the e-publising industry is expected to reach 227.925 billion US dollars.

It is expected to reach US $ 16.638 billion in 2021 and US $ 17.567 billion in 2023. According to information from the American Content Promotion Agency, the world content market will reach USD 257 billion in 2020. Among various countries and regions, the US market has an absolute advantage of 36.4%, followed by the Chinese market 12.7%, Japan 7.5%, the UK 4.4%, Germany 4.3%, France 3.0%, and South Korea 2.5%. The digital media content market size in 2021 is nearly US $ 200 trillion. This can be said to contain unlimited growth potential and opportunities.

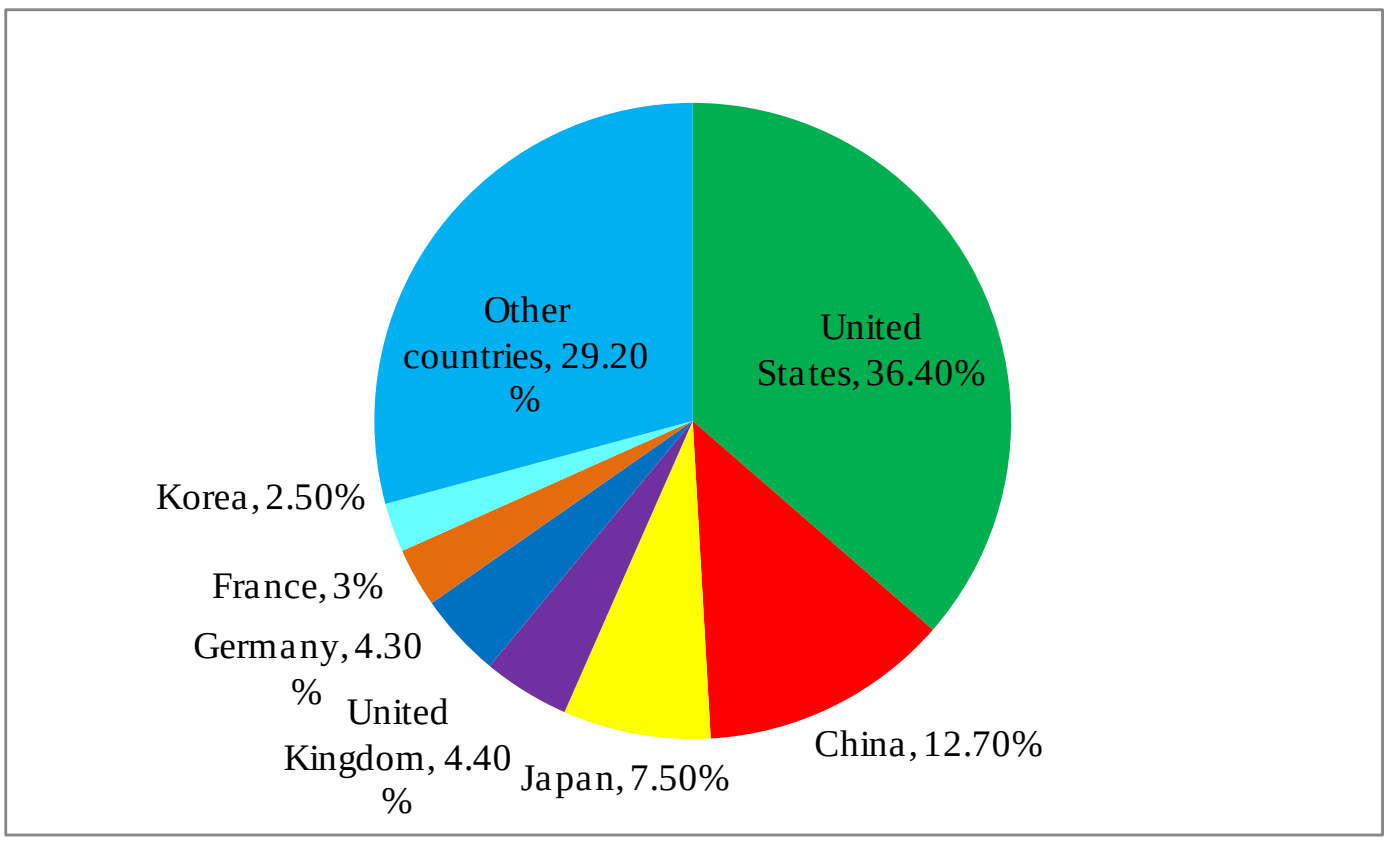


Figure 1-3: Proportion of video content share of major countries in the world

In 2019, global digital advertising spending will increase by 17.6% to reach 333.2 billion US dollars. This means that for the first time, numbers will occupy half of the global advertising market. So, which companies will take more markets? Take a look at the data below. In 2019, Google ’s global advertising expenditures were 31.1% of US $ 13.73 billion, Facebook was US $ 67.37 billion, and the third place was Chinese-American Alibaba with US $ 29.2 billion, closely followed. There is no doubt that Google and Facebook, most of the sales come from advertising. In order to achieve this goal, armed with data that can better understand customer journeys, they can better capture their customers. In addition, in terms of marketing environment, statistics also has the ability to personalize recommendations. "In the global advertising market, online advertising platforms such as Google, Facebook, and Naver are using blockchain to focus on the technology of legal observation and analysis of people ’s purchase journeys to display advertisements. To master the consumer ’s itinerary, you must combine personal identification keys with multiple Media linkage. While protecting personal information, the technology of organizing individuals three-dimensionally will determine the success or failure of the next-generation advertising market.

In the future, it will also be an era of digital value, with very strong potential, especially the maturity of 5G technology, 6G technology is coming, which will greatly promote the sharing and dissemination of content, accelerate the production and interaction of content, and promote the development of video .

Ⅱ、The call of the new era

With the development of science and technology and the call of the times, people now enjoy the convenience brought by technology more and more, and also use technology to enrich their entertainment life. Short videos, live broadcasts, information, video socializing, etc. surround people's lives, allowing people to experience content sharing and dissemination brought by digital value all the time, bringing new vitality to the society.

2.1 Difficulties encountered by current digital value content

Driven by the Internet technology, the development of digital value content is developing more and more rapidly, and the content is spreading more and more widely. However, most of the current digital value content platforms belong to centralized databases, such as Douyin, Toutiao, and Kuaishou ... These will encounter different dilemmas and pain points with development, and their specific manifestations are in the following aspects:

1) Deviations occur during content dissemination

In various countries and regions around the world, many companies or individuals have created a lot of fake content in order to achieve marketing purposes, and there have been biased information during the transmission process, such as "Vicious events circulating on the Internet. After FBI / police investigations, this event is completely empty. Bring adverse effects, give a certain penalty decision. "

These videos or community contents with deviations in the communication process, especially in today's developed Internet, all kinds of unreal content appear on various networks, which can be seen everywhere, it is easy to mislead people's eyes and confuse people's understanding of the world concept.

2) Poor traceability of video information

Because the current Internet website platform is in a centralized management mechanism, there is no transparency, and there is information asymmetry. For the traceability of some content information, it is difficult to know the source of the information, which causes the content information to spread like a virus, and the traceability is very poor, which brings certain reconnaissance difficulties to the national cybersecurity agency, which also causes a lot of content in the process of deviation. The phenomenon spread everywhere.

3) Low content creation protection

Although many content creations (such as video creations) have the signature of the contributor and some copyright attribution records, but under this Internet-centric management mechanism, many content creations cannot be effectively protected by copyright, and the rights are determined from content

creation , Rights, and rights protection have multiple difficulties, which have a certain negative impact on intellectual property workers.

4) Human interference is serious

Nowadays, the Internet is developed today, but most of the content management platforms are in a centralized management platform with a centralized database. Many administrators have a certain ability to interfere with the release of content, such as tampering and deleting content information, and have very high centralized management.

The artificial interference with content information and information has greatly curbed many users' understanding of the information and the real world, and will also curb the fair, just and free development of the content dissemination market.

5) Low transparency of content information

There is a centralized management among the major digital content dissemination management platforms, with many asymmetric content information and low transparency. Many users cannot distinguish the true and false of the content, and cannot effectively use and learn the value of the content.

6) Industry data island problem

In the content markets around the world, in various countries or regions, each type of content platform has its own centralized database, and there is no connection between the databases, forming independent data islands. The criminals used the content dissemination platform to carry out illegal activities. After being blacked out by the platform, they turned to illegal activities on other content platforms, which provided opportunities for the criminals to seriously damage the normal healthy and orderly development of the content market.

In summary, it can be seen that the global digital content dissemination market has encountered various difficulties and faced many difficulties, and it is far more than these. Under the current Internet technology model, it is difficult to have more rapid development.

2.2 Development opportunities in blockchain technology

The current blockchain community is the Internet community more than two decades ago. Many people did not understand, despise, or want to look at the Internet more than 20 years ago. However, the first batch of crab-eating people who really see the Internet are now at the forefront of the times, leading the trend of the times.

The current booming blockchain industry market is also the same. A large number of digital asset investors who have entered the market early have already enjoyed the dividends brought by the rapid development of the market, but more people are still hovering outside the door. I believe that the sooner investors enter the blockchain industry market, the greater the gains.

If blockchain technology is used in the digital content dissemination market, then blockchain technology is a brand-new encryption and authentication technology and a decentralized consensus mechanism to maintain a complete, distributed, and non-tamperable ledger, allowing participants Under the premise of knowing and establishing a trust relationship, a unified ledger system ensures the safety of asset management, exchange, and related information. Letting trust be the basis of asset exchange is of great significance for asset statistics and analysis.

(1) Blockchain can reduce the risk of trust

Blockchain technology is open source and transparent. Participants of the system can know the operating rules of the system, verify the authenticity and integrity of the ledger content and ledger construction history, and ensure that the asset exchange data and history are reliable and not compromised. Tampering is equivalent to improving the traceability of the system and reducing the trust risk of the system.

(2) Blockchain can reduce asset management costs

The original asset registration and exchange often face the current status of long process, multiple links, and asymmetric information. Blockchain can simplify the exchange process, reduce the exchange of asset information between different asset investment institutions, and save a lot of manpower, material resources and time. It is of great significance for improving the circulation of asset investment value.

(3) Blockchain can effectively prevent network failures and attacks

The current chaotic and inefficient asset management status and the opacity of asset information have greatly increased the risk of asset management and exchange. The blockchain is supported by many distributed nodes and computer servers on the peer-to-peer network. Problems in any part will not affect the overall operation, and each node saves a copy of the blockchain data. The smart contract built into the blockchain is the key .The core asset circulation business has extremely high reliability and fault tolerance.

(4) Blockchain can improve the level of automation

Since all files or asset information data can be embodied in the form of codes or ledgers, by setting up data processing programs on the blockchain, smart contracts and automatic exchanges may be realized on the blockchain. For example, smart contracts can write terms such as option grants into the agreement to ensure the automatic execution of contracts and default payments.

(5) Blockchain can meet the needs of asset supervision and audit

At present, the laws and regulations of the blockchain industry in various countries around the world have not yet formed a unified set of regulations. The digital wallet project aimed at the registration of physical assets on the chain has been cooperating with different countries and legal advisers from the first day of its birth, doing its utmost to ensure that it complies with major international laws and regulations,

and has completed the regulatory agencies of various countries registration required.

2.3 Blockchain + diversified content value solutions

With the integration of blockchain technology, the digital content communication platform uses big data analysis, which greatly guarantees the normal analysis of user behavior and the fairness of the global diversified content value economy The healthy development of the diversified content market.

In 2020, blockchain technology is still highly concerned by investment institutions and professionals, and has huge development potential. Blockchain technology has good advantages, and has a good solution in the content media market, which is manifested in the following aspects:

A. The content creation process can be traced to the source and the content is permanently recorded, highlighting the reliability of the memory production link.

The content dissemination platform applying blockchain technology stores information content on the public blockchain of the blockchain. This will be a public blockchain platform with open source code and smart contracts. Provide decentralized virtual machines to process peer-to-peer contracts through its dedicated cryptocurrency. In the entire blockchain, each node holds all the data information of the blockchain. As long as one node disappears or has changed, it can be noticed by other nodes. The content platform uses this feature of the blockchain to prevent content information from being tampered with at will. At the same time, the content published on these platforms is saved on the community-managed super network node service, and each server retains a copy of all the content posted on the network. By this means, the reliability of the content value can be guaranteed.

B. Content production is achieved through mechanisms such as civilian participation and fairness.

Related to the technical attributes and environment of the birth of the blockchain, the blockchain content also shows the characteristics of civilian participation and fairness. On the blockchain technology content dissemination platform, the token mechanism used encourages as many people as possible to participate in content production and consumption. Anyone can provide content reports, but you must first use Token (a virtual currency issued by the platform) to purchase writing rights. When the content of the video submitted by the author is reviewed, verified and published, the creator can withdraw his tokens and will receive additional token rewards based on the clicks generated by the video. Similarly, the reviewing users also need to provide tokens as collateral. Any user can "bid" to apply for reviewing this video. The seven highest bidders will jointly review this video. They will review the video according to the platform's editorial guidelines. The authenticity of the video is evaluated. When the video receives a significant majority of votes, the video will be automatically published and the reviewer will also receive a certain amount of tokens to reward them for their efforts. This is a new fair incentive model rebuilt by the

blockchain technology content dissemination platform using tokens. The value of these tokens is often linked to the value of some digital currencies that have been recognized by society. At the same time, the number of tokens issued needs to be limited and explained. This guarantees the value of the token and makes it attractive to readers. Readers can also use these tokens to subsidize journalists or organizations for content reporting, so that the content can get rid of the control of commercial capital to the greatest extent, return to the content value itself, and maximize it.

C. Realize the transparency of content dissemination and ensure the authenticity of the content.

In traditional content media and social media, the process of content production is basically still a black box. Users cannot understand the entire process of content production. Even if the content dissemination agency wants to make the content transparent, it cannot be technically done. The blockchain technology makes all operations transparent, and almost every operation has a clear and unchangeable record. In addition, in the activities of blockchain technology, the factors such as the flow and direction of funds and the credit of users are also clearly visible. For example, in the function of the information editing room established by the blockchain technology, users are allowed to initiate the selection of information reports. Users can support this report through the platform's tokens. Individuals or organizations willing to undertake this report , Will use the collected tokens as funds to support the start of the report. If more than two users or organizations want to participate in the report, it is necessary to bid through the bidding method, and finally the users participating in the fundraising vote to determine the flow of fundraising funds. This new blockchain content production method allows users to have more right to know and participate in information reporting, making information content production and other auxiliary activities transparent, ensuring the authenticity and reliability of content information .

As can be seen from the above content, the development of the new era, "blockchain + diversified value content" provides a new and diversified solution for the content value communication market, and the data using blockchain technology cannot be tampered with and distributed. Ledger, traceability and decentralized features, combined with the advantages of existing content dissemination media, using cross-chain and big data, artificial intelligence technology, convenient and convenient DAPP characteristics, well solved the current many content dissemination markets Dilemma, free to complete value transfer, conduct big data analysis, and realize the bridge between the content value communication market and the blockchain world.

Ⅲ、LIVE VIDEO platform --- distributed content value ecological application

3.1 What is the LIVE VIDEO platform?

LIVE VIDEO platform, which is synonymous with the live video ecological application on the blockchain, is the content value ecology on the blockchain application, and is a unified and open blockchain live video service platform, which supports the legal digital assets of the sun , friendly interface, simple and easy to use, user complete private key control, based on efficient native code development, multi-functional content application, security and stability, etc., so that each user can use blockchain technology to create their own works at zero cost , one-click release, is the super content value dissemination platform of the blockchain 3.0 application era, will continue to expand the application and technical boundaries of blockchain content value, and provide users with a decentralized video business ecological platform.

The LIVE VIDEO platform is to freely build blockchain video ecological applications and digital smart contracts based on compliance with international conventions. Relying on the powerful compatibility and integration capabilities of the blockchain system, it will expand the unlimited application of super digital content business application ecology. It is also a bridge connecting the diversified video ecology and the blockchain world, building a value Internet based on blockchain technology, and giving the global content value market a brand new ecology.

LIVE VIDEO platform, composed of members of the international social creation team and the international top technology development team, is committed to exploring the blockchain diversified video ecosystem, and effectively uses artificial intelligence and big data analysis technology to create a global diversity based on blockchain technology digital video commercialization platform to solve some of the difficulties encountered in the current global digital content dissemination process. Based on the characteristics of blockchain decentralization, data tamper-proof, traceability, distributed ledger, etc., and synchronization of all ETH wallets (such as imToken), wallet addresses can be created and imported to achieve peer-to-peer cross-border transfers, points a distributed video business ecosystem with diversified content services like praise, rewards, and payment.

LIVE VIDEO platform is also a diversified video content industry application ecosystem based on blockchain technology and taking blockchain network as the core derivative ecology. Based on this

blockchain network, the characteristics of blockchain decentralization, distributed storage, and peer-to-peer transactions, integrate multiple excellent features in the blockchain field, and develop it for free. Multi-party collaborators can share data and information in a timely manner. Form a highly transparent, highly trusted and highly efficient blockchain video business application ecosystem.

Under the LIVE VIDEO platform ecology, developers, creators, and enthusiasts will build on the blockchain super network to build a video ecological service with super network nodes, so that more enterprises or users can enjoy blockchain 3.0. The video industry application services, fast, safe, high trust, asset value judgment, digital empowerment, etc. have a more clear division, so as to achieve a free control of the new ecosystem of video business applications.

3.2 Positioning vision

The LIVE VIDEO platform will also have its own position in the future development of the global content value communication market system: taking the digital content communication market as a starting point, radiating the global diversified application market, giving full play to the advantages of blockchain technology, and taking advantage of the traditional global digital content communication system to reshape the new global digital content video application ecosystem. A new ecosystem of trusted, fast and economically friendly decentralized global video commercial applications..

In the global content value communication development market, let more people have a safer, high-quality distributed global video content business application security network. The true value of trusting blockchain can be traced back, so that the global economic market can develop and be stimulated in a healthy and trustworthy way through LVO tokens. This is also the vision of the LIVE VIDEO platform ecological team.

3.3 Design Principles

The LIVE VIDEO platform develops under the global content value video transmission ecological economy, and has the following design principles:

3.3.1 Stability

Stability is a necessary condition to ensure that the LIVE VIDEO platform is available. Blockchain comes with decentralized features. Decentralized networks are usually more complex and full of uncertainty. Therefore, with the help of modular design tools to abstract and simplify the blockchain, by separately constructing a modular virtual machine-Lua Virtual Machine (hereinafter referred to as LVM) to run smart contracts, such a design can bring two benefits.

One is to optimize LVM performance to directly improve contract execution efficiency and reduce interference factors caused by system coupling;

The second is to weaken the correlation between the blockchain network and the running status of

smart contracts. Even if there is a problem with the execution of the contract or the virtual machine runs abnormally, the stability of the blockchain network can still be guaranteed.

3.3.2 Security

PoW has contributed greatly to the security of the Bitcoin network, but due to the increasing mining demand and increasing difficulty of computing power, almost all rights are concentrated in the hands of miners and mining pools. Through professional cooperation, in fact it has become a highly centralized "central server". If the combined power exceeds 51%, in theory, most Bitcoin transactions can be controlled, such as the well-known DOS (Denialof Service) attack. In addition, the high power consumption is also criticized.

Compared with the PoW mode, the PoS mode is still developing, and these development directions are mainly based on security and applications. The PoS mode has a great advantage in security over the PoW mode, but the premise is to attract enough holders to conduct PoS mining in order to give full play to the security advantages.

DPoS is an improvement of PoS, and the technical innovation of the LIVE VIDEO platform is to propose a more commercially meaningful X-DPOS consensus mechanism. Under the same security conditions as DPoS, it can theoretically improve the block response and increase the stability and security of the network. In addition, the LIVE VIDEO platform innovatively proposes an intelligent sandbox mechanism. Anyone's contract must first be tested in the smart sandbox. The LIVE VIDEO platform will conduct full-path automated testing and continuously monitor its running status. If the health deteriorates, or a vulnerability is found. The network will terminate it at its own discretion to prevent the problematic contract from damaging the blockchain ecosystem.

3.3.3 Scalability

Scalability is proposed to solve the problem of information islands where blockchains are incompatible with each other. First of all, we believe that upgrading and bifurcation are one of the effective ways of network evolution. After bifurcation, a main chain and several sub-chains are formed. From the technical point of view, the main chain and sub-chain are completely equivalent, but they are set with different logos based on community consensus. Each sub-chain can be appropriately customized according to different ecological applications. By constructing VEP between the sub-chains, it works like a gateway, and the sub-chains can exchange information and exchange value through VEP. Through such collaboration, a multi-application blockchain ecology can be formed.

Not only that, non-blockchain online data will also be incorporated into the LIVE VIDEO platform video business application ecosystem, supplemented by smart contracts, which can respond to real-world events.

3.3.4 Ease of use

The LIVE VIDEO platform achieves ease of use in two ways.

One is to provide a blockchain as a service platform (Blockchainas a Service, referred to as BaaS) to lower the threshold for enterprises and individuals. Through network forking, data customization, smart contract issuance and upgrade, asset transaction monitoring, etc. and supplemented by visualization functions, the blockchain application becomes simple and easy to use.

Second, the LIVE VIDEO platform provides multi-language support, from Go, C ++ to Java, so that developers of different platforms can easily develop.

3.4 Design goals

In order to create a distributed future decentralized LIVE VIDEO ecosystem, blockchain technology and digital asset applications can be popularized to a greater extent. According to the investigation of existing technologies, considering the characteristics of blockchain decentralization and its application scenarios, the design goals of the LIVE VIDEO platform are as follows:

Cross-chain ecological transfer

▲ Able to connect with existing major digital asset networks (such as Bitcoin, Ethereum, etc.), and complete the asset exchange without changing the original chain mechanism. The newly generated digital asset network can also be connected to the LIVE VIDEO platform digital payment global diversified ecosystem at a very low cost;

▲ The blockchain network of the nature of the alliance chain can access the LIVE VIDEO platform digital content value diversified ecosystem, and realize the transfer of assets from the original chain to the LIVE VIDEO platform, from the LIVE VIDEO platform to the original chain, and a variety of assets. LIVE VIDEO digital content video business ecosystem for trading and other functions;

▲ Ensure the safety of cross-chain transaction assets and the stability of cross-chain transaction services.

Provide privacy protection for transactions:

▲ Both parties to the transaction can choose a transaction with privacy protection;

▲ Can provide privacy protection for digital asset transfer and transaction;

▲ Able to provide anonymity protection for digital asset holders.

With the extension of the scene

▲ Can become a distributed platform for multiple digital asset exchanges;

▲ Able to develop financial loan business with different digital assets;

▲ Can use digital assets as a medium to complete digital asset transactions;

▲ Able to issue and trade brand new digital industry assets.

3.5 Innovation advantage

With the development of technology and continuous improvement, the LIVE VIDEO platform ecosystem based on blockchain technology has unique innovative advantages, which are manifested in the following aspects:

Innovation 1: Decentralization

Because the LIVE VIDEO digital content dissemination diversified ecosystem is based on blockchain technology, there is no central database, nor centralized centralized server management. It has the most cutting-edge super nodes and distributed ledgers. The user of any node can query and summarize the past data or current data under the authorization.

Innovation 2: Go to the central account

In the LIVE VIDEO ecosystem, there is no central control account, all are independent accounts, a 64-bit universal address format to save their account address, for those users who forget their passwords and mnemonics, it is impossible to retrieve themselves asset. Therefore, in the LIVE VIDEO ecosystem that goes to the central account, you must remember your account password and mnemonic words.

Innovation 3: Peer-to-peer network

In the LIVE VIDEO ecosystem, because there is no central account or central server, peer-to-peer transactions are taken between accounts, especially in terms of rewards and likes. This method has unique advantages and few procedures. Fees, even there is no phenomenon of handling fees, which is also the most distinctive point in the LIVE VIDEO ecosystem standard.

Innovation 4: Orderly access

The phenomenon of network congestion or expansion often occurs in the major centralized network video application ecosystems, causing network delays or stalls. The LIVE VIDEO ecosystem uses a combination of main blockchain and side chain, which greatly eases the network crowd Phenomenon, there is an orderly entry and exit for major video networks. A network node's sudden power outage will not cause other networks to stop. Network data will enter and exit in an orderly manner, which greatly guarantees the security of the video content network.

Innovation 5: content value

In the LIVE VIDEO ecosystem, content creators have no value circulation before they ca n’t trace back to the original content creators during the dissemination process, so they ca n’t value the content, often a lot of content is ignored or disseminated by intermediaries Earn a little fee, so that the value of the content distribution process is very small. Under the blockchain technology, this system allows the content to be traced back to the creator, maximize the value, and realize the value of the content.

Ⅳ、Technical architecture design of LIVE VIDEO platform

The goal of the LIVE VIDEO platform is to provide a global open blockchain video business service platform, combined with the advantages of blockchain technology, to solve the current difficulties encountered in the process of traditional content transmission value. It realizes the landing of the LIVE VIDEO ecosystem and the LIVE VIDEO digital diversified video business ecosystem, and promotes the ecological development of the LIVE VIDEO platform.

4.1 Technical ideas

The LIVE VIDEO technical team is committed to providing low-level blockchain services suitable for diversified video applications and a variety of ecological needs, to ensure that the underlying development maintains its ideal underlying technology stack while facilitating the development of upper-layer applications on the blockchain.

The LIVE VIDEO blockchain underlying platform takes hash randomness, versatility, modularity, pluggability, and security as its design principles, making the construction of the blockchain bottom layer as lightweight as possible. In the underlying organization, each consensus module and function module can be customized and pluggable, which provides convenience for adapting to specific diversified video application scenarios.

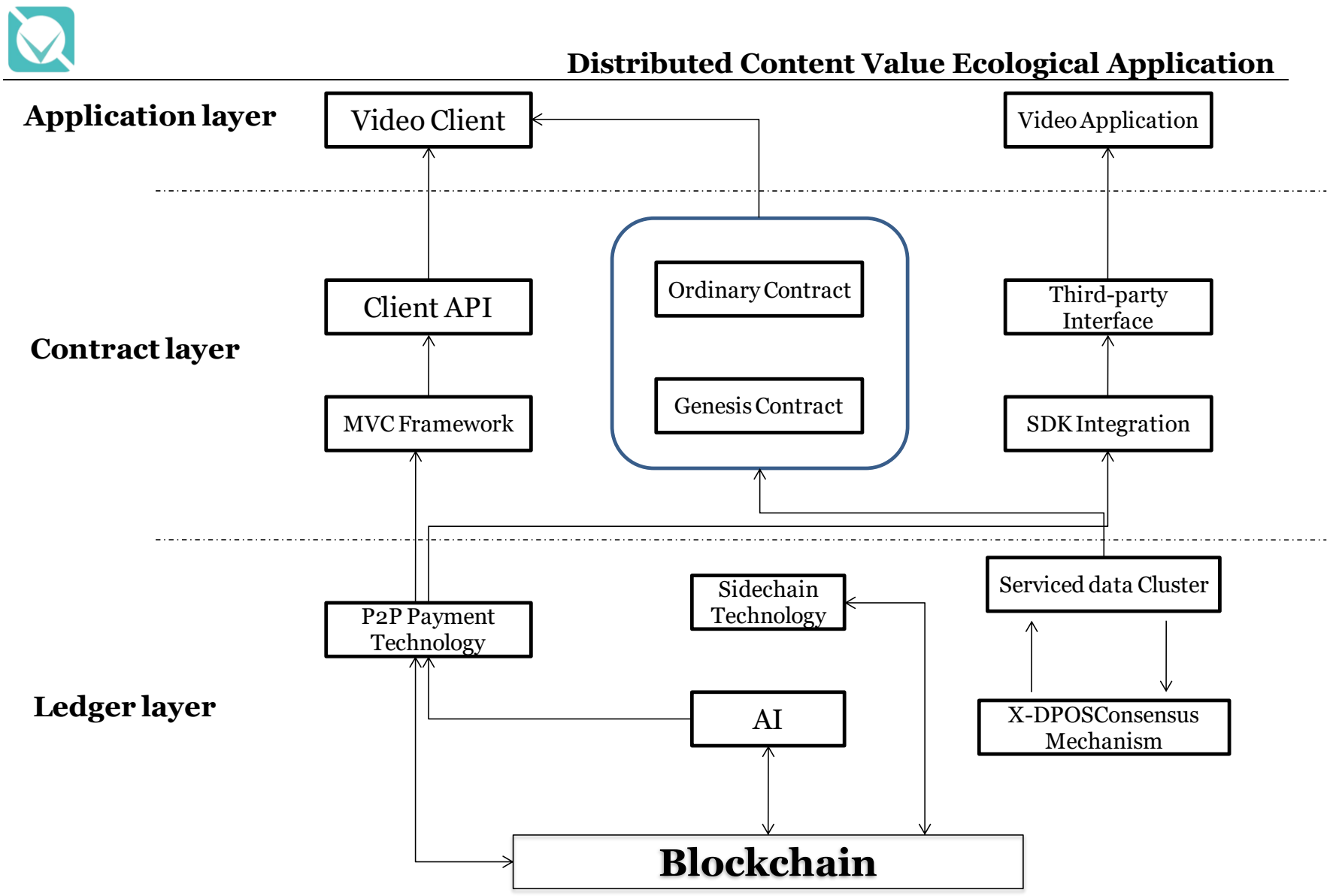
4.2 Overall structure

The LIVE VIDEO ecosystem will adopt a three-layer structure of application layer, contract layer, and ledger layer (data layer), as follows:

1) Application layer: support the development of programmable distributed ecological applications, call contracts for asset transactions, transfer and management, incentive (dividend) and other ecological applications;

2) Contract layer: account system, contract code support;

3) Ledger layer (data layer): public chain layer without permission, X-DPOS consensus mechanism.



Application level

The LIVE VIDEO ecosystem provides various forms of PC, WEB, and mobile applications to facilitate calling contracts for asset management operations. Through the packaging of the underlying technology of the blockchain and reducing the application threshold, it provides developers and asset issuers with a more flexible and friendly interface, so that developers and asset issuers can focus on business models and business logic Innovation.

Contract level

A. Ordinary contract

There are two functions of this contract, which are asset management and dividend setting and identification. Such authority is released, and each contract is equivalent to a fund in reality. If you need to develop or introduce a new asset in the contract, you need to submit a request to the Genesis contract, which will be released on the blockchain after being approved. The underlying implementation of the ordinary contract will call the control program in the data transmission layer.

B. Genesis contract

The Genesis contract is a special type of contract on the LIVE VIDEO ecosystem. It is a contract that can issue and review smart contracts. The developer will retain some permissions, such as private keys, scope, etc., and has certain specifications and automated audit function to ensure that the assets on the chain meet the corresponding specifications and templates are recorded and released, and the underlying implementation of the Genesis contract will call the release program in the data transmission layer.

Ledger level (data layer)

At the ledger and data transmission layer, the mature DPOS mechanism on the LIVE VIDEO ecosystem public chain has been improved. It adopts a friendly algorithm for artificial intelligence and uses a sharding mechanism. Accelerate the efficiency of transaction processing, while ensuring data consistency.

4.3 Consensus mechanism

In order to ensure the security of transaction data of the entire blockchain, the generation of blocks needs to comply with a certain consensus program (Consensus Program). A secure asset blockchain consensus program should include the following attributes:

(1) Verification of transaction authenticity: transaction authenticity verification is only related to public-private key pairs, and a single participant can generate and use multiple key pairs;

(2) Non-repudiation: after the fact, the participant cannot deny that the transaction has occurred;

(3) Integrity: After the fact, the transaction cannot be tampered with. Once the transaction is created, it is broadcast to the peer-to-peer network.

According to the principle of the least feasible blockchain, transactions need to be packaged into blocks, so that the transaction fee is low relative to the value of the asset itself; valid blocks require effective proof of work, which makes it difficult to generate workload, but it is very difficult to verify easy; the workload is realized through the hash cash algorithm, which is based on the energy cost, thereby increasing the cost of generating effective blocks, making it difficult for malicious attackers to bear the cost of the attack.

Because the LIVE VIDEO ecosystem focuses on blockchain solutions for the value of diversified digital content, it needs to reach a strong consensus on multiple nodes. The entire system is not vulnerable to Sybil Attack and 51% attacks. Decentralization requires higher requirements, and sacrifices efficiency to a certain extent. Based on the DPOS mechanism adopted by the bitcoin public chain and the Ethereum public chain, the LIVE VIDEO ecosystem implements a consensus algorithm that is friendly to artificial intelligence ASIC chips, so that computing power can be applied to the field of AI hardware acceleration, thereby solving The problem of hardware consumption creates a new consensus mechanism—X-DPOS consensus mechanism.

Ⅴ、Technology innovation of LIVE VIDEO platform based on blockchain technology

For the needs of good business operations and applications, the LIVE VIDEO ecosystem builds the core technical architecture and core infrastructure. It has important innovative features based on blockchain technology.

5.1 Noblock technology engine

With the enhanced application of the LIVE VIDEO ecosystem, the original NOBLOCK technology engine will allow wallets to truly achieve the lightest purpose. At present, a huge problem of light wallets is to receive block information of the blockchain network. Since the blockchain network achieves data security through data synchronization redundancy, the network requests of the wallet occupy a large amount of network bandwidth.

The design idea is to make the blockchain browser our block data source, and no longer synchronize the block data. And the data source using the blockchain browser will bring a question, how can the accuracy of the data source be guaranteed. The design architecture of BCBP (Block Chain Browser Pool) blockchain browser pool is adopted.

5.2 SHA512-ZERO algorithm encryption technology

SHA (Secure Hash Algorithm) is a series of cryptographic hash functions designed by the National Security Agency (NSA) and issued by the National Institute of Standards and Technology (NIST).

The first member of the SHA family was released in 1993. However, people now give it an informal name SHA-0 to avoid confusion with its successors. Two years later, SHA-1, the successor of the first SHA, was released. There are also four variants, which were released to increase the output range and change some subtle designs: SHA-224, SHA-256, SHA-384 and SHA-512 (these are sometimes called SHA-2).

The LIVE VIDEO ecosystem uses SHA512 encryption technology to innovate the SHA512-ZERO algorithm encryption technology to ensure data security for the LIVE VIDEO network ecosystem.

Code show as below:

```
/** Define the content information structure of SHA-512 hash operation */
  typedef struct SHA512Context {
  #ifdef USE_32BIT_ONLY
uint32_t Intermediate_Hash[SHA512HashSize/4]; /* Information Summary */
```

```
uint32_t Length[4];                          /* The length of the message digest in bits */
#else /* !USE_32BIT_ONLY */
uint64_t Intermediate_Hash[SHA512HashSize/8]; /* Information Summary */
uint64_t Length_High;                        /* The length of the message digest in bits */
uint64_t Length_Low;                         /* The length of the message digest in bits */
#endif /* USE_32BIT_ONLY */
int_least16_t Message_Block_Index;           /* Index of the information grouping array */
uint8_t Message_Block[SHA512_Message_Block_Size];/* 1024-bit message grouping */
int Computed;                                /* Summary calculation logo */
int Corrupted;                               /* Message Summary Damage Identification*/
} SHA512Context;
```

Next, the initialization of the SHA512Context structure is implemented to prepare for the subsequent calculation process.

```
#ifdef USE_32BIT_ONLY
static SHAStatusCode SHA384_512Reset(SHA512Context *context,uint32_t
H0[SHA512HashSize/4])
#else /* !USE_32BIT_ONLY */
static SHAStatusCode SHA384_512Reset(SHA512Context *context,uint64_t
H0[SHA512HashSize/8])
#endif /* USE_32BIT_ONLY */
{
int i;
if (!context) return shaNull;
context->Message_Block_Index = 0;
#ifdef USE_32BIT_ONLY
context->Length[0] = context->Length[1] =
context->Length[2] = context->Length[3] = 0;
for (i = 0; i < SHA512HashSize/4; i++)
context->Intermediate_Hash[i] = H0[i];
#else /* !USE_32BIT_ONLY */
context->Length_High = context->Length_Low = 0;
for (i = 0; i < SHA512HashSize/8; i++)
  context->Intermediate_Hash[i] = H0[i];
```

#endif / USE_32BIT_ONLY */*

context->Computed = 0;

context->Corrupted = shaSuccess;

return shaSuccess;

}

Next, the input of the information group is implemented. This function accepts a byte array as the next message group for processing.

*SHAStatusCode SHA512Input(SHA512Context *context,const uint8_t *message_array,unsigned int length)*

{

if (!context) return shaNull;

if (!length) return shaSuccess;

if (!message_array) return shaNull;

if (context->Computed) return context->Corrupted = shaStateError;

if (context->Corrupted) return context->Corrupted;

while (length--)

{

*context->Message_Block[context->Message_Block_Index++] =*message_array;*

if ((SHA384_512AddLength(context, 8) == shaSuccess) &&

(context->Message_Block_Index == SHA512_Message_Block_Size))

SHA384_512ProcessMessageBlock(context);

message_array++;

}

return context->Corrupted;

}

Of course, a function for message processing and final digest output is needed. This function will return a 384-bit or 512-bit message digest to the Message_Digest array given by the caller. The returned information summary, the first element index is 0, the last element index is 47 (SHA-384) or 63 (SHA-512).

*static SHAStatusCode SHA384_512ResultN(SHA512Context *context,uint8_t Message_Digest[ ], int HashSize)*

{

int i;

```
#ifdef USE_32BIT_ONLY
int i2;
#endif /* USE_32BIT_ONLY */
if (!context) return shaNull;
if (!Message_Digest) return shaNull;
if (context->Corrupted) return context->Corrupted;
if (!context->Computed)
SHA384_512Finalize(context, 0x80);
#ifdef USE_32BIT_ONLY
for (i = i2 = 0; i < HashSize; ) {
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>24);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>16);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>8);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2++]);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>24);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>16);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2]>>8);
Message_Digest[i++]=(uint8_t)(context->Intermediate_Hash[i2++]);
}
#else /* !USE_32BIT_ONLY */
for (i = 0; i < HashSize; ++i)
Message_Digest[i] = (uint8_t)(context->Intermediate_Hash[i>>3] >> 8 * ( 7 - ( i % 8 ) ));
#endif /* USE_32BIT_ONLY */
return shaSuccess;
}
```

At this point, the SHA-512 (SHA-384) encoding is completed, and this encoding can be verified.

5.3 Zero-Knowledge-Proof

Zero-Knowledge Proof (Zero—Knowledge Proof) was proposed by S. Goldwasser, S. Micali and C. Rackoff in the early 1980s. It means that the prover can make the verifier believe that a certain statement is correct without providing the verifier with any useful information. Zero-knowledge proof is essentially an agreement involving two or more parties, that is, a series of steps that two or more parties need to take to complete a task. The prover proves to the verifier and believes that he knows or owns a certain message, but the proof process cannot reveal any information about the certified message to the verifier. A large

number of facts prove that zero-knowledge proof is very useful in cryptography. If zero-knowledge proofs can be used for verification, many problems will be solved effectively.

For example: A wants to prove to B that he owns the key to a certain room, assuming that the room can only be unlocked with the key, and cannot be opened by any other method. There are 2 methods at this time:

① A shows the key to B, and B uses the key to open the lock of the room, thereby proving that A has the correct key for the room.

②B determines that there is an object in the room, A opens the door of the room with the key he owns, and then shows the object to B to prove that he really owns the key of the room.

The following ② method belongs to zero-knowledge proof. The advantage of this is that, during the entire proof process, B cannot always see the key, thus avoiding the leakage of the key.

The LIVE VIDEO ecosystem uses this zero-knowledge proof to enable the verifier to believe that a certain conclusion is correct without verifying useful information, to complete the cross-chain and cross-smart contract technology of the LIVE VIDEO network .

5.4 Ring Topology Hub Ring Topology Relay Technology

The Ring Topology Hub (ring topology topology) technology of the LIVE VIDEO ecosystem connects multiple chains to a Hub, allowing digital token asset terminals to easily realize one-key cross-chain and conversion. The advantage of the ring is that the topology consumes much less resources than stars and trees.

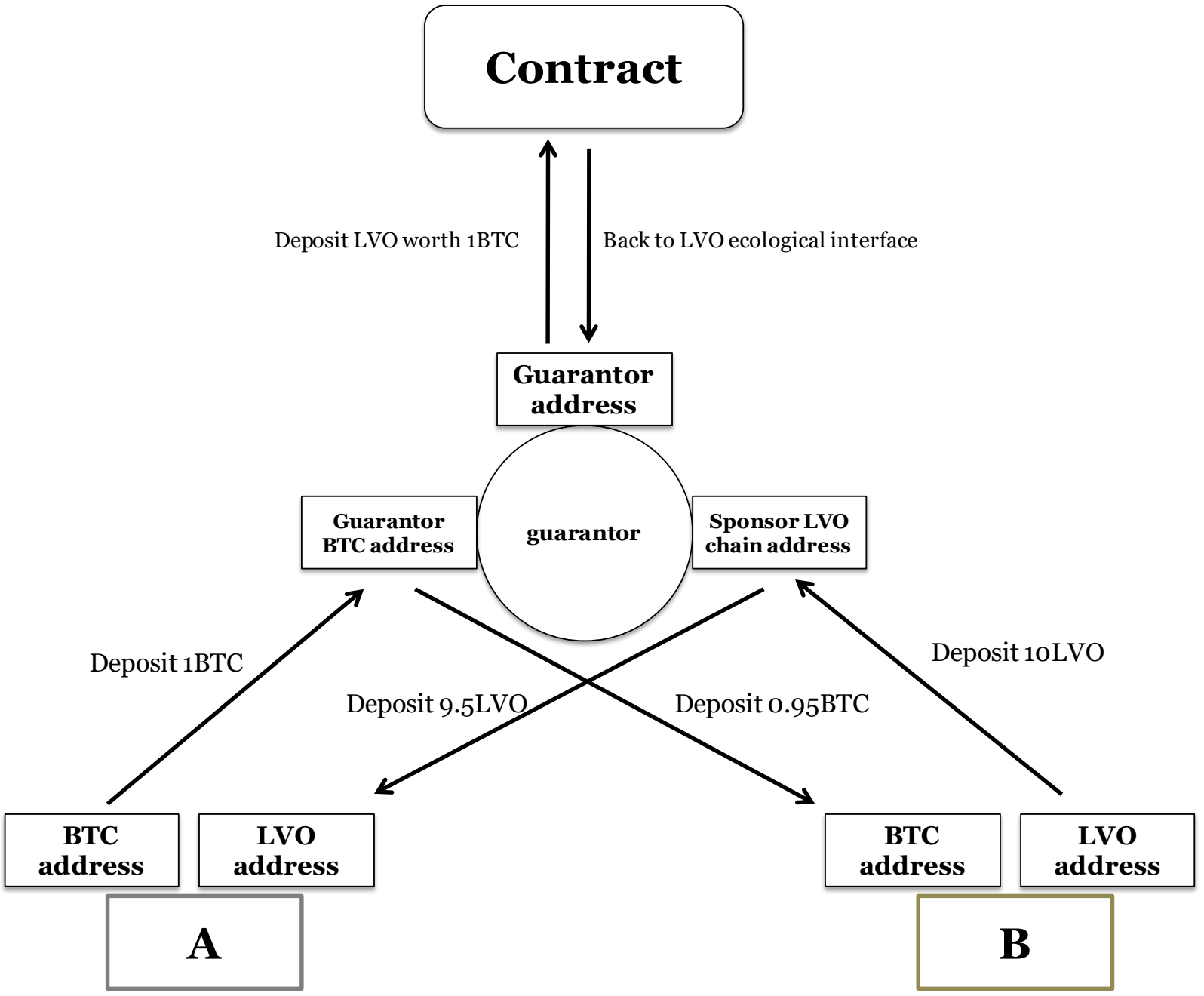
It may not be obvious if there are few nodes and the distance is short, but the advantage of environment will be obvious if the distance is long and there are many nodes. The LIVE VIDEO network will be combined with the form of a super node to make more networks fluent and stable, avoiding network congestion and network dullness.

5.5 NO-Localcoin exchange and network

NO-LOCALCOIN exchange and payment network is based on LIVE VIDEO network blockchain platform through customized smart contracts and cross-chain gateway technology to achieve risk-free digital currency exchange. The LIVE VIDEO platform or users holding other digital tokens can create exchange smart contracts, provide guarantee services by creating contracts, and use the contract mechanism to circumvent breaches of the parties and avoid arbitration bias by the centralized custodian institution, so that there is no loss for all three parties risk. After the creator of the contract facilitates the exchange transaction, he obtains a corresponding proportion of the guaranteed return.

The decentralization of the blockchain will bring about the problem of low payment efficiency. The LIVE VIDEO ecosystem realizes the lightning payment network through NO-Localcoin technology

(essentially, the VPN subnet of LIVE VIDEO is constructed based on the existing blockchain network), and the transfer is confirmed in seconds, ensuring real-time arrival and not being affected by blockchain blocks. Impact, technical design focus is as follows:



Customize the client, use SHA512-ZERO encryption logo for LIVE VIDEO ecosystem users' blockchain transfer;

Develop enterprise-level blockchain nodes, detect blockchain activities of users of the LIVE VIDEO ecosystem at any time, and perform legality verification and traffic analysis. 7x24-hour continuous detection of enterprise-level nodes, analysis of balance changes provided to server users, and reported to the LIVE VIDEO ecosystem server;

The LIVE VIDEO ecosystem server receives the analysis results of enterprise-level blockchain nodes. When a user initiates a payment request, it can already know in real time whether the user has actually initiated a blockchain transfer request to prevent malicious double spending.

VI、Equity token

6.1 Token introduction

Token Name: LIVE VIDEO

Token abbreviation: LVO

Core algorithm: SHA256

Release Date: April 2020

Block speed: 3-5 seconds / block

Difficulty adjustment: 1 block

Total quantity: 1,000,000,000 pieces (1 billion pieces, the number is constant, and will never be issued)

Main features: Application in the field of global content value, not only in live video， social video，video content， video information, but also in other industries, to expand the development and application of its economic field, including new video retail， video advertising, Multiple applications such as video commerce.

In order to make the LIVE VIDEO ecosystem run more flawlessly, an equity certificate (LVO) is issued to reward users who have contributed to the information construction of the digital value ecosystem. System Token (namely LIVE VIDEO Token) is based on the equity token issued by Ethereum, an open source, publicly maintained distributed computing underlying system, providing a decentralized virtual machine to support Turing's complete smart contract operation.

6.2 Distribution and distribution

The equity token issued by the global LIVE VIDEO ecosystem is LVO. The total number of issued is 1 billion, the number is constant, and it will never be issued. It will be distributed through an ecological incentive mechanism. With the accumulation of applications, the ecological growth and prosperity will gradually produce until all The release is complete.

The specific distribution plan is as follows:

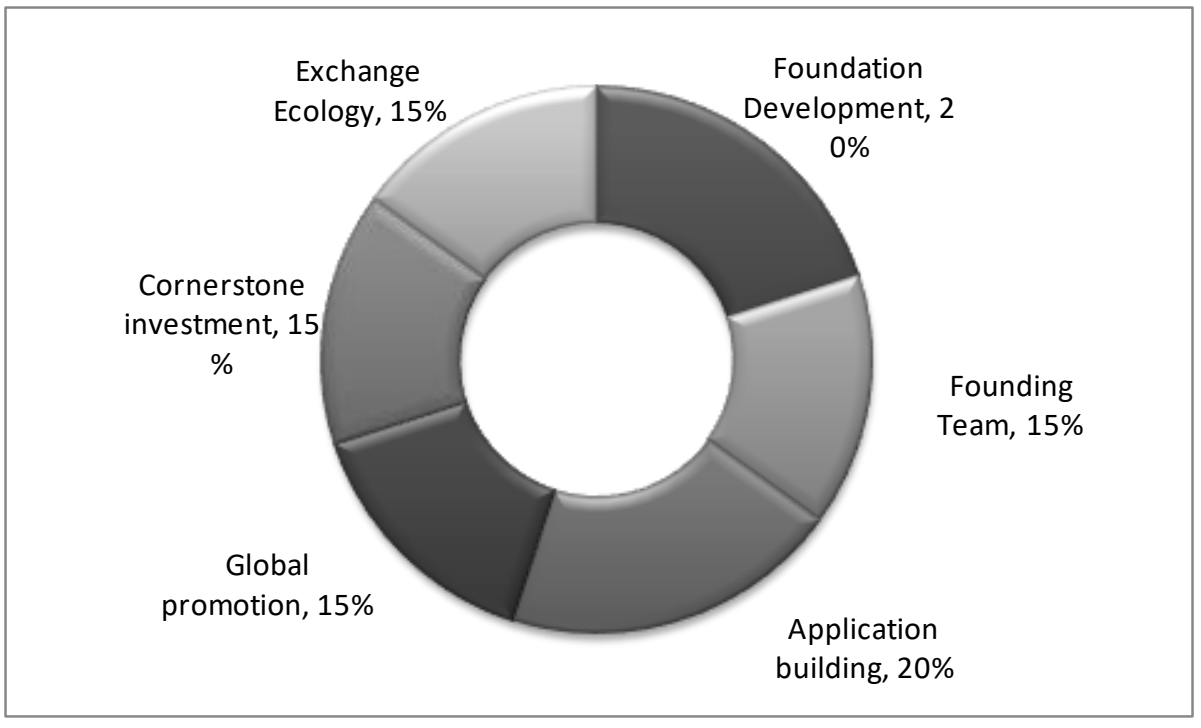


Figure6-1: LVO proportional distribution diagram

Foundation development (accounting for 20%): will be allocated to foundation and ecological construction. For the development and construction of this ecological application field, as well as the foundation's subsequent management and supervision, this part of Token is used to maintain the foundation;

Founding team (accounting for 15%): It will be allocated to the founding team to incentivize the team building, operation and planning of the blockchain ecosystem to be used for a certain number of tokens for incentive feedback.

Application construction (accounting for 20%): A part of it will be distributed in the construction of digital content value applications to circulate the application development and construction in the LIVE VIDEO ecosystem, for the development of diversified ecological applications.

Global promotion (accounting for 15%): Incentives and rewards for nodes that build promotion communities. In order to better promote and promote the implementation of the token ecosystem of the LIVE VIDEO ecosystem, the core nodes of the promotion industry services and users are given an incentive mechanism for tokens, and quantitative tokens are given with periodic, regional, consensus volume and node standards excitation;

Cornerstone investment (accounting for 15%): It will be allocated to cornerstone investment institutions or enterprises, and a certain number of tokens will be given back to cornerstone investors for project development to encourage the development of cornerstone investment institutions in the project.

Exchange ecology (accounting for 15%): ecological incentives based on digital asset exchanges, including trading incentives for buying or selling. By circulating on the digital asset exchange, free investors are given more investment opportunities and freedom of wealth.

6.3 Token Value

In the early stage of the LIVE VIDEO ecosystem, a completely decentralized digital content value

system based on the token economic model was built—a truly disruptive business and financial practice. It relies on the establishment of massive application services and the use of user traffic advantages to achieve the ecological value of the consensus. Its significance is extraordinary. The following is an analysis of the economic value of the token economy based on its depth, specifically divided into the following points:

Application ecological rights: LIVE VIDEO ecosystem as an open blockchain video content value service platform is a value Internet system based on blockchain, token economy and services. Obtaining the pass will enable payment of application scenarios in the LIVE VIDEO ecological application system, as well as some diversified application ecological services, which will also be an application right.

Exchange trading rights: This will be the simplest and most direct token value model. Circulate the ecological value through the digital asset exchange and share the ecological construction of the project company ’s digital token trading in the market. Users hold this token LVO Ability to trade on this exchange.

Community voting rights: A community foundation will be established when the LIVE VIDEO ecosystem is launched. In the later stage of development, the more tokens you have, the more community voting rights and weights you will have in the community.

In addition to the above token values, the token LVO will continue to expand the development of more ecological rights. Based on the advantages of its own blockchain, it will discover more value methods, enhance capabilities, and promote the diversification of the digital economy of the token economy. healthy growth.

Ⅶ、LIVE VIDEO platform ecological application scenario

With the continuous upgrade and development of the LIVE VIDEO ecosystem, more and more applications can be used, and its Token (that is, LVO) also has more application circulation, and it will also develop and build more landing practical applications Ecology.

7.1Video content ecology

The video content ecology will be the largest application of the LIVE VIDEO ecosystem, the latest change to the traditional video content platform, and the most valuable industry application.

This video content system will use blockchain technology, adopt a peer-to-peer port system for live video services in the blockchain application industry and service transactions in other industries, and use the underlying asset LVO as the circulation medium for the value of global digital content. Video content service. Through the dynamic algorithm on the LIVE VIDEO platform for content production, content interaction (comments, rewards) and content sharing and dissemination.

LIVE VIDEO platform's Token (LVO) as a circulating asset will be able to perform rewards, likes, comments, etc. on the platform, and provide diversified digital content value-related services. The initial service is mainly for the circulation of LVO tokens. Later, it will be expanded to more aspects, the circulation of other digital tokens.

For example, both the user and the video content platform use the LIVE VIDEO system. The user puts a certain token on the video content platform, performs multiple protection measures, uses artificial intelligence technology to audit the anchor, and records it on the chain to avoid breach of contract by both parties. If something happens, you need to pay a certain amount of security money. After the user succeeds in the live video service, once it is on the chain, the data cannot be tampered with and will be permanently recorded on the blockchain, along with the life of this anchor.

This video content process is not only safe, but also protects the rights of both the video content platform and the user. At the same time, the LIVE VIDEO ecosystem can revolutionize the video content industry, which enhances the service ecosystem of the LIVE VIDEO platform.

7.2 Video New Retail Ecology

In the ecological development process of the LIVE VIDEO platform, a new blockchain + video retail ecosystem will be built to connect the products of merchants who join the system, such as live broadcast of clothes, snacks, or live recommended accommodations, machines, etc. Users can pay with Token (LVO). This new video retail uses blockchain technology, decentralized management, and a transaction settlement

system based on smart contracts.

In the new video retail city, video users and merchants sign a smart contract agreement for commodity trading services, and users pay Token (LVO) to the LIVE VIDEO platform blockchain. Merchants can query this information to deliver or provide related merchandise services. After the user receives the goods or enjoys the service, confirms the receipt or confirms the service, the digital asset or Token (LVO) stored on the LIVE VIDEO platform will be sent to the merchant account. Otherwise, if the goods are not received or the service is not enjoyed, the token on the LIVE VIDEO platform will be judged to the party without fault according to the previously signed smart contract, or returned to the user.

This new blockchain + video retail process is safe, reliable, and true. It can also be displayed to video users in a friendly manner, avoiding a series of operations such as online picture beautification.

7.3 Video advertising ecology

In the process of digital content dissemination, the use of advertisements cannot be avoided, as is the LIVE VIDEO platform. The use of 5G technology has made the video advertising ecosystem more realistic and accelerated the rapid development of live video. The LIVE VIDEO platform will build a video advertising ecology and create new profit points for the ecology.

The current problems in the advertising field include: low content transmission efficiency and information asymmetry between the poster and the audience. The imbalance of discourse rights among the media, advertisements and users and the increasing “overflow” of advertisements have caused the advertisers to place too many intermediate links in advertisements, it is difficult to accurately place advertisements, and the content transmission effect is not ideal. Advertisement audiences are harassed by malicious advertisements and contribute valuable attention resources free of charge. Therefore, the content advertising industry urgently needs to use the characteristics of blockchain decentralization, immutability and high trust, combined with artificial intelligence and big data analysis technology to achieve more efficient, accurate and quantifiable advertising, and to improve user experience.

In view of this, the LIVE VIDEO platform is a transaction system that combines a secure and highly reliable blockchain network with digital content media. Relying on digital content media as a terminal, it has established a chain of trust among users, media operators and customers, and innovatively created a "blockchain + video advertisement distribution" strategy. It deeply explores the economic value of attention, practices the digitization of content value asset value, and provides free access to digital content media information, smart contract setting, triggering, automatic ledger, data on-chain, data query and other processes.

The LIVE VIDEO platform allows users' attention to be quantified through blockchain technology, relying on a better incentive mechanism to stimulate the user's subjective initiative and enthusiasm, and

utilizes the decentralization of blockchain smart contracts and the transparency and transparency of data to solve the issue of value trust. Form a reliable data flow closed loop, completely subvert the value distribution of the traditional advertising industry, and reshape the traditional advertising model.

7.4 More applications

In the development process of the LIVE VIDEO platform, in addition to the above application scenarios, in the later development, there will be more applications, such as video community, video social networking, live video, video information, video content value, etc.

The video service ecosystem based on the LIVE VIDEO platform, in the context of constantly enriching application scenarios, the application range is also getting wider and wider, and the value of use will also be extensive. Traceability, transaction transparency mechanism, etc., can connect with global blockchain video commercial services, support multiple video ecological services, and avoid the disadvantages of traditional video services.

In the future development process, the LIVE VIDEO platform will be able to subvert more industry revolutions, and a truly disruptive commercial financial practice application will lead the video content industry to a new ecological development direction.

Ⅷ、Blueprint

- **Q2 2020**

1) Construction of strategic system and team group, establishment of core founding members of LIVE VIDEO platform, start of fund raising and other series of perfect work, formulation of technical tasks for LIVE VIDEO platform database, open architecture

2) Conduct global data content value industry resource data survey and related industry data analysis, and build LIVE VIDEO global diversified digital content value ecological model

3) Start the "LIVE VIDEO platform" project

- **Q3 2020**

1) Completion of writing and publishing of the preliminary version of the white paper

2) Based on the ERC20 network development rights token (LVO)

- **Q4 2020**

1) Carry out global tour and LIVE VIDEO blockchain technology summit

2) LIVE VIDEO platform service client enters the test phase

- **Q1 2021**

1) LIVE VIDEO Token entered the global mainstream digital asset exchange

2) LIVE VIDEO service platform officially launched

- **Q3 2021**

1) LIVE VIDEO platform officially promoted globally

- **2022 +**

1) Connect more industry resources and build more LIVE VIDEO digital content value service ecological communication circle

2) The LIVE VIDEO ecological platform has officially become a video ecological service platform for global users

3) Ecological expansion, building LIVE VIDEO platform blockchain community and ecological service community of more than 100 billion US dollars

IX、LIVE VIDEO platform market prospects

In the development of the global digital content video industry, especially in the video content market, due to the multiple characteristics of the LIVE VIDEO ecosystem network, such as high security, high stability, and high efficiency, it is an unmatched advantage of other blockchain networks at present. It will also have strong market potential and development. The LIVE VIDEO ecosystem is based on the ecosystem developed on the blockchain network, integrating live broadcast video, video information, video commerce, video advertising and other ecosystems, and building a diversified video application ecosystem.

In the not-too-distant future, it is foreseeable that billions of people will obtain a certain amount of circulation by creating new works through video, and at the same time will receive incentive rewards from various digital assets and be recognized by market value.

In the global blockchain environment, various countries are actively developing activities related to blockchain technology. In 2018, CCTV's "Dialogue" column broadcast the relevant content of the blockchain-"Baimai Blockchain", which reached several important consensus conclusions: "Blockchain is the second era of the Internet", " The value of blockchain is ten times that of the Internet "," Blockchain is a machine that makes trust. " In 2019, Facebook CEO Mark Zuckerberg's speech in the US Congress repeatedly emphasized that blockchain is the development and innovation of an era. In the same year, the concept of blockchain appeared in China's Central Political Bureau meeting again in October. Blockchain was used as the core technology. Blockchain entered the eyes of the public and accelerated the development of innovation in blockchain technology and industrial applications. Nowadays, the China Blockchain Research Institute has launched digital currency DC / EP applications for many years and conducted pilots in cities such as Suzhou, China, which has greatly promoted the development of blockchain. The business activities people live in will bring benefits or There will be a strong financial market potential in the economic activities carried out. People will need to keep their virtual assets in one place. This will be the application ecology of the global LIVE VIDEO digital content value ecosystem.

Under the ecosystem of LIVE VIDEO services, there will be a close connection between video and business. The token on the LIVE VIDEO ecosystem has a complete structure and unique encrypted digital asset attributes. It also has multiple attributes such as value preservation, exchange, and risk avoidance. It avoids the devaluation or loss of assets due to factors such as financial crisis and war. Personal assets provide a value-preserving and security mechanism, allowing virtual assets to achieve unrestricted interaction between different periods and different fields, so that virtual assets also have clear and tradable

ownership. At the same time, when these digital assets are circulated, they can communicate and interact with multiple people in the currency circle, which is different from ordinary digital assets, ensuring the timeliness and effectiveness of the news of the people in the currency circle.

At the same time, the LIVE VIDEO platform has high growth, high return, and high added value. It has a wide coverage and fast consumption. It is the way people live in the future, connecting the global economy and linking the global market. The future will be full of infinite possibilities and has a very broad market prospect.

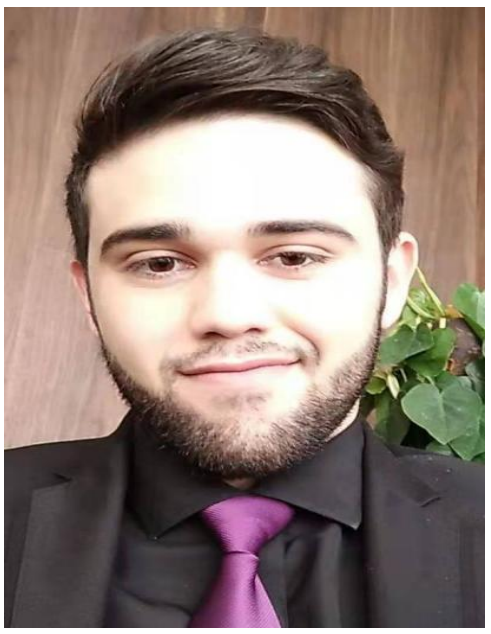
The future world will be a visual world, and LIVE VIDEO video ecology will also lead the development of this era. Looking at the world, the LIVE VIDEO platform will be strategically deployed in the United States, New Zealand, South Korea, the Netherlands, Australia, Japan, China and other countries and regions in the world in the second half of 2020, and will stand in the world block in the shortest time The pinnacle of the chain video industry, a truly disruptive commercial financial practice application. The LIVE VIDEO platform application ecosystem will detonate an explosive global blockchain video application center.

X、Team and cooperation

10.1 Team introduction

The core team members of the LIVE VIDEO platform come from the international social development team and experienced blockchain senior technical talents, the world's top professional technical developers, professional investment financial analysts, management talents, business consultants and top experts in the artificial intelligence industry. And consultant. The LIVE VIDEO platform team can be called an all-round team, with members from elites in multiple industries such as traceability, payment, business research, digital analysis, artificial intelligence, security, blockchain technology, market management, and big data analysis. Its technical staff is mainly responsible for blockchain application technology research and development, system research and development, system security, vulnerability upgrades, patent technology development, etc., and concentrates on researching the application of blockchain video in the economic market, opening up a new value ecology .

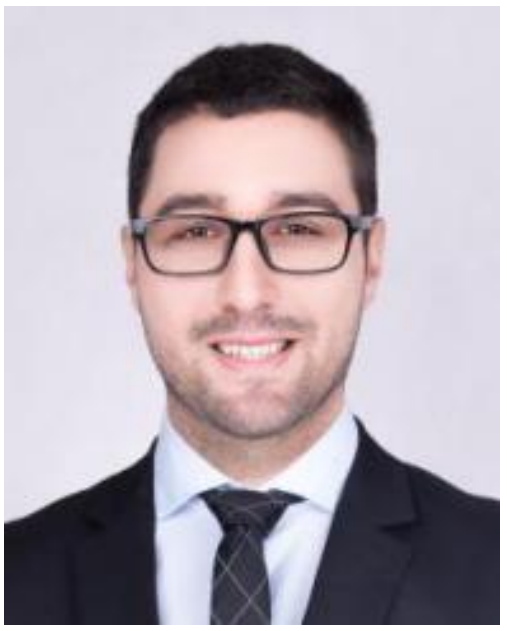
【CoreTeam Members】



Henry

Video Director

Graduated from the University of Pennsylvania, majoring in the direction of the media, mainly studying the conversion of content value. Worked as a manager of Facebook's external video content dissemination department, also served as a video technology consultant for many communication agencies, and has senior self-media experience. In recent years, with the development of blockchain technology, it has formed its own team to establish CDC. The big data product "EOE data" developed by CDC is quite innovative. It reached a strategic cooperation relationship with Google 7 months ago, covering the Linux on Power market Smart cities, video distribution services, management services, consulting and application management services.



Jason

Director of Media

Previously worked at GICSpecial Investments Pte Ltd as investment director, GIC SpecialInvestments Pie Ltd is one of the three core subsidiaries of Singapore Government Investment Group, mainly responsible for real estate and video self-media investment. Jason

He joined the cryptocurrency wave in 2012, and established a blockchain investment fund to participate in early investment in SC, Storl, Taste Analyfics and other blockchain storage, big data video analysis industry projects.

Georgie

Technical Market Advisor

Graduated from West Pacific University, he has been engaged in the design and development of distributed resource scheduling system and high-performance computing framework system. The products developed are widely used in investment banks in Europe, America and Asia. Since he began to contact Bitcoin in 2012, he has been engaged in the design and development of blockchain-related technical products. He is familiar with the principles of cryptocurrency, storage and docking solutions of exchange wallets, and is responsible for information technology strategies, leading the construction of system platforms and blockchain Structural design of information storage, transmission and analysis.

Victor

Technical Engineer

Master of Computer Science, University of Technology, Sydney, worked in Charlotte Vision Center and Taste Analytics, engaged in basic research and development of video big data architecture, ApacheHadoop open source community code contributor. Proficient in the underlying technology of the blockchain, proficient in Hadoop, Hbase, Spark (Streaming / MLlib), YARN, Fume, Kafka and other distributed storage / computing and big data on the basis of blockchain technology development.

Barton

Director of Marketing

International market, a senior marketing expert, over the past decade, research commercialization strategy in the US and European markets, including the block chain technology, video cloud storage technology is committed to cutting-edge technology. He has worked in companies such as Boston Scientific, Dell and Volkswagen as strategic planning, consulting, project management and other positions.

10.2 Strategic cooperation

According to the current development trend and operating speed of the LIVE VIDEO service platform, LIVE VIDEO has been led by KPCB Ventures, DCM Ventures, and IDG of the United States as the international strategic cooperation agency.

XI、Legal / Disclaimer

This document is only for the purpose of conveying information, and does not constitute relevant opinions on investing in digital tokens and securities. The purpose of this white paper is to show potential participants the LIVE VIDEO platform and its potential. The information contained may not be exhaustive and does not imply any content of the contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential LVO holders in order to let them understand the potential of the project and analyze the project.

Risk and uncertainty

There will be further changes, updates and adjustments before the LIVE VIDEO platform blockchain platform is released. This change may have an unexpected impact on the attractiveness of the expected users, which may be due to failure to meet the expectations of users based on the white paper, thus affecting its success.

Due to the above or other reasons, the development of the LIVE VIDEO platform project in the future

may not be completed, and it cannot be guaranteed to be fully released. Further, if the cost and financial compliance with the new regulations exceed a certain threshold, it is difficult to predict the facts. Any changes in government or regulatory authorities may affect the company ′ s future business laws and regulations.

In unforeseen circumstances, the goals described in this white paper may change, although we want to achieve all the goals described in this article, all parties involved in the purchase of this LIVE VIDEO digital token need to bear their own risks. During the operation of the project, you may face the risk of unpredictable policies. The company will make every effort to ensure the safety of funds in the blockchain payment wallet.