SMARTUNIT

Decentralized Tokens Whitepaper

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Summary

With the development of algorithms, computing power and big data, artificial intelligence is in a period of rapid development at this stage. The artificial intelligence chain covers many aspects such as basic layer, technical layer, application layer and the like, and its radiation range is large, and a single company can not take over Every aspect of artificial intelligence industry, deep plowing and subdividing fields and modular forms of collaboration and integration of resources among multiple industries have become the major development paths in the field of artificial intelligence.

The initial discussion of the blockchain occurred only in the cryptocurrency space, but the real power of the blockchain lies in its multiple functions. Blockchain can be encrypted currency transactions, but its role is by no means limited to this. Nowadays, all the transactions and processes in the world require a lot of people to participate in, as long as you buy a house or signed a contract you can understand this. All industries, such as banking, real estate and mortgages, rely heavily on deals. There is often a need to pay or pay taxes, and no one has any doubts about it. However, some processes can disappear through the widespread use of blockchain and manpower, costs and delays in many transactions can be improved.

In addition to an increasing number of blockchain applications, we can expect artificial intelligence and machine learning to drive this technology that will improve the basic architecture of the blockchain. Smart transaction verification is also in progress. Karin Flieswasser gave a good overview of how he helped to think about the growing relationship between artificial intelligence and the blockchain: "The combination of artificial intelligence and the blockchain drives the fourth industry by restructuring the economy and information exchange Revolution. "The strong combination of health care, government, artificial intelligence, and blockchain, though slow, is bound to revolutionize the industry." Flieswasser provided 10 examples of how AI and

blockchain work together, Traditional databases and security technologies solve complex problems faster and more cost-effectively. In the area of precision medicine, Google DeepMind is developing a "healthcare data review system." The blockchain will keep the system safe and shareable while artificial intelligence will allow medical staff to obtain medical predictive analytics through patient data. DeepMind's blockchain technology has been tested on NHS data and artificial intelligence applications are being deployed to help Moorfields Eye Hospital detect signs of eye disease. Precision medical use cases are scalable: AI provides intelligent search and analysis, and blockchain provides a secure transaction platform.

The blockchain-based decentralization mechanism described in this article is to solve the above problem. One of the core strengths of the blockchain is that the combination of data and the blockchain ensures that the data over time evolves in a safe and transparent manner, allowing customers to maintain trust in the validity, ownership and trading of the contract.

Contents

1, Background

Artificial intelligence, also known as machine intelligence, refers to the intelligence shown by machines made by humans. Usually artificial intelligence refers to the human-like technology that is realized by means of ordinary computer programs. Since its advent, artificial intelligence has been the constant concern of the capital market. Accompanied by the development of artificial intelligence technology, startup companies, Internet giants, technology giants and traditional companies have entered the market, the rise of Unicorn. At the same time, artificial intelligence technology has been applied in many industries and scenes. Some technologies such as speech recognition / natural language processing, computer vision and robotics have gained some development, taking the lead in realizing the technology.

AI general technology companies such as computer vision and intelligent voice semantics extend upstream and downstream of the vertical industry chain and integrate hardware / algorithm / software into a software and hardware all-in-one solution. At the same time, through an open platform, they attract developers and clients at the B end Build industry ecology. Based on the application of artificial intelligence technology has become the focus of development, of which the financial sector with its large amount of data, high innovation, strong purchasing power, demand pain points clear, has become the first artificial intelligence technology landing applications; security on the one hand driven by government management needs, On the other hand, building intelligence is the dominant trend; medical big data, imaging diagnosis and genetic testing companies are accelerating growth; networking and autopilot speeding up R & D / testing / piloting / landing; the new retail industry is also under the impetus of capital; Five major industry is expected to become the first application of the outbreak of AI.

As the underlying technology of bitcoin, blockchain can analyze information data and form credit. It can save a lot of manpower cost, intermediary cost and credit record, which makes it hard to fake. In essence, it

is an existential consensus mechanism in a decentralized and trustless environment. Existence can be applied to a variety of different data, such as equity, copyright, the right to use. Although the types of consensus data in affiliate chains and in the private chain of businesses are becoming more diverse, the value of those data has clear boundary restrictions – only for affiliates and within the enterprise. We believe that the value chain attributes of blockchain are only better represented in the public chain.

2, Value Proposition

2.1 Artificial Intelligence Development Analysis

Artificial intelligence is not a new concept, it was born in the 1950s. During these 60 years, the development of artificial intelligence has not always been smooth, but it has gone through ups and downs. It has gone through the golden age, the first trough, the second prosperity, the second trough, and now the third wave.

The first artificial intelligence research was the product of a series of scientific developments from the late 1930s to the early 1950s. In 1943, Warren McCulloch and Walter Pitts first proposed the concept of "neural networks." In 1950, Alan Turing proposed the famous Turing Test: If a machine can speak to humans (via teletype equipment) without being able to tell its identity, then the machine is said to have intelligent.

The 1956 Dartmouth meeting was considered a landmark event in Al's birth. At the meeting, the concept of artificial intelligence was formally established. The main topics discussed were: automatic computer, programming language, neural network, computational scale theory, self–transformation (ie machine learning), abstraction, randomness and creativity, Research direction magnificent historical picture.

Decades after Dartmouth, artificial intelligence ushered in the first period of prosperity. In this golden age, computers have the ability to solve algebra

problems, prove geometric theorems, and learn and use English. In 1957, Frank Rosenblatt proposed "Perceptron," the first neural network that was precisely defined using algorithms and was the first ancestor of many new neural network models in the future.

From 1974 to 1980, the monolayer neural network was unable to solve the problem of non-linear segmentation and the lack of computer capability at that time. However, the lack of sensory data limited the further development of the perceptron. Since these problems could not be solved and perceived The development of the device almost stagnated, artificial neural network-based research began to enter a downturn.

In the 1980s, "expert system" began to move from theoretical research to practical application, and artificial intelligence entered the second boom. Expert systems generally use the techniques of knowledge representation and knowledge inference in artificial intelligence to model the complex problems usually encountered by domain experts. In 1980, Carnegie Mellon University designed an expert system called XCON for Digital Equipment Corporation (Digital Equipment Corporation) with a huge success, at which it saved the company 40 million dollars each year . However, due to the fact that the practicality of the initially successful expert system such as XCON was limited to certain scenarios and was difficult to upgrade, maintenance costs were also high, causing the second wave to quickly cool down.

The vast amount of data generated by the rise of the Internet and the rapid increase in computational power brought by Moore's Law have promoted the popularization of deep learning technologies in the field of artificial intelligence and have promoted the rapid development and rapid industrialization of technologies such as speech recognition and image recognition. Since 1993, the rapid development of AI: In 1994, the American scientist Jonathan Schaeffer artificial intelligence program Chinook defeated the checkers world champion for the first time; 1997, IBM's "dark blue" supercomputer beat the chess champion world champion Garry Kasparov;

2006 In 2011, IBM Watson participated in the "Jeopardy!" Program and finally defeated the human player. In 2016, AlphaGo defeated South Korea's JiuDui Go player Li Shishi, and AI completely entered the public's field of vision.

2.2 Artificial Intelligence Industry Chain Analysis

Internet and technology giants are the most important forces in the development of artificial intelligence industry. They have the advantages of data, technology and capital. With their own R & D and mergers and acquisitions, they carry out cross-layer layouts in various fields in the field of AI and lead the development of the industry. Among them, the integrated data advantages of Internet companies such as Google, Baidu, a comprehensive layout of the artificial intelligence industry; scene-based Internet companies such as Facebook, Apple, Amazon, Alibaba, Tencent, artificial intelligence and their own business depth combination of continuous improvement Product features and user experience. Traditional technology giants such as IBM and Microsoft have built intelligent platform systems for enterprise users. Hardware giant enterprises such as Intel and NVIDIA have strong industry barriers and actively distribute the downstream of the industry chain.

Artificial intelligence industry chain is divided into basic, technical, application layer. Among them, the basic layer includes a number of infrastructure such as chips, big data, algorithm systems and networks, laying the foundations for networks, algorithms, hardware laying and data acquisition for the artificial intelligence industry. Upstream manufacturers such as NVIDIA are vigorously developing related technologies, Smart industry, and create an open source platform. More familiar to users is the Artificial Intelligence layer, which includes Computer Vision, Speech Semantic Recognition, Machine Learning, Knowledge Atlas, etc., which currently have a flourishing growth momentum. Most AI companies use one or more technology segments as their starting point , Plowing the technical strength. The ultimate artificial intelligence technology can be landing and generate enormous business benefits, but also the application layer multi-scene applications. At present,

artificial intelligence technology has been applied to multiple scenarios and covers multiple industries, including financial, security, smart home, medical, robotics, smart driving, new retail and other scenarios.

In the artificial intelligence industry chain, the basic layer controls the giants in their hands, occupying the first mover advantage, the competition in the technical subdivision field is fierce, the technical differences between the head manufacturers are gradually reduced, and the enterprises without technological advantages are gradually eliminated. Application layer market space, many participating companies, through the integration of technology, software and other resources, the development of vertical applications to solve industry pain points, to achieve the scene. Among them, the technology giants such as Google, Amazon, Microsoft and Baidu have laid the layout in the middle and lower reaches of the industrial chain, using their own data, technology, talent, capital advantage, through acquisitions, investments, independent research and development and other forms The cross-layer layout of positions, and the entry of the giant will further tap the market resources, open up industry barriers, test the new business model, thus driving the development of the entire industry.

2.3 Consumption Upgrade and User Experience

According to the ratcheting effect of the Sunbury, people's consumption habits are irreversible after they are formed, that is, they are easy to adjust upwards and difficult to return to the bottom. In particular, consumption is irreversible in the short run. Consumer escalation brings new opportunities for products and applications, but also puts forward higher requirements. However, artificial intelligence can effectively improve productivity and efficiency so that more application scenarios can be optimized and improved. The same improvement brought by smart technologies will be more To effectively match the needs of consumer upgrades. For example, the rise of smart customer service enhances the service efficiency and service quality of

traditional customer service, and the rise of the live broadcast industry has become a new form of user consumption and entertainment.

User experience upgrade is another impetus for the development of artificial intelligence. Artificial intelligence technology can provide more natural human–computer interaction, so as to realize the effective combination of products, services, content and hardware and meet various activities under the trend of mobile Internet and IOT.

Consumer–grade applications that incorporate artificial intelligence technologies can significantly improve user experience and maintain user stickiness. For those young people who have become the main consumers, 80 and 90, they grow up along with the Internet. The demand for Internet services has become a habit. They also have natural demands for intelligent and personalized products, which can respond quickly and become New product new service early adopters and opinion leaders.

3 Development Status

Since the human brain mechanism has not yet been completely revealed, the human brain–based computer can only use the existing chip and software technology to simulate, but its operating mechanism has completely different from the traditional computer. The chip has become the core of computing formally. Artificial Intelligence "brain". At present, the basic artificial intelligence functions based on the cloud, can not fully realize the intelligence capabilities, the reason lies in the absence of smart chips.

In the machine intelligence, the chip is the basic component that carries the computing function. With the development and application of the deep neural network (DNN), the computing requirements of the multi–level features can not be met by the traditional CPU, and the GPU has the requirements of deep learning Parallel computing power, attention is increasing. In addition, TPU and FPGA chip has also become the current rapid development of

artificial intelligence chips. The layout of the chip manufacturers to NVIDIA, Intel, Qualcomm, ARM, Apple, Huawei and other manufacturers based.

NVIDIA rapidly cut into the field of artificial intelligence through the excellent performance of GPU in deep learning, and greatly enhanced the programming efficiency, openness and richness of NVIDIA CUDA platform by establishing NVIDIA CUDA platform and established a network including CNN, DNN, Depth Awareness Network, RNN, LSTM, Learning network and other algorithms platform. Today, NVIDIA's chips are increasingly being used on devices other than computers, such as VR devices, drones, robots, and driverless cars, and more importantly they are becoming the new core of artificial intelligence servers.

In August 2016, Intel acquired Nervana Systems, a startup company in the US, which processes deep learning chip engines 10x faster than GPUs. At GPU Technology Conference 2017, NVIDIA announced Volta, a next-generation processor architecture, and a Deep Learning Accelerator that uses this architecture.

At the end of 2016, AMD released three processor-accelerated solutions for deep learning. In 2017, ARM released AI optimized DynamIQ technology to achieve the size of the core configuration on a single computing cluster, each processor for independent frequency control and open, close, hibernate control, can be achieved in different tasks Efficient and seamless switching of the most suitable processor.

In May 2016, Google released TPU (Tensor Processor), a dedicated processor optimized for machine learning, and announced AlphaGo's computing hardware core. In 2016, Qualcomm released its neuro-processing engine SDK package to support the popular deep learning framework Caffe, Tensor Flow, etc., to provide the computing power needed by artificial intelligence on high-end chips and to continue to work on mobile phones and

cars. In 2017, Huawei, a communications equipment manufacturer, unveiled a hand-held smart phone chip Kirin 970.

At the same time, some companies that do not have a chip R & D background also have joined the battle. In 2015, Microsoft began to implement the application of CPU + FPGA combination. In 2016, Amazon launched AWS-based cloud server products. Chinese companies also followed up, Baidu and Inspur co-design dedicated chip server motherboard, Aliyun announced for its artificial intelligence system reserves Intel and Xilinx and other chip vendors FPGA products. Horizon, a startup that names its Artificial Intelligence chips "BPU" and offers artificial intelligence solutions, has more than 100 patents and its own instruction set system in the Cambrian era.

Artificial intelligence applications will no longer be a single type of terminal equipment, embedded artificial intelligence devices for high-performance computing more urgent requirements, such as dedicated to the car driving chips, traffic monitoring areas to monitor the video computing platform, robotics, Human-machine, smart home and other products require the support of the chip, which are made of the chip company's new requirements, the chip will be able to provide a more diversified services in the future.

4 Mode of Operation

AI interface communication

AI service is a cloud service provided by a company or individual with big data and artificial intelligence service capabilities. Many AI services analyze and respond to different user characteristics data to provide better service and user experience .

So Smartunit creates an account with user data status outside of the blockchain's address account, in addition to the user's transactional information, which contains many user-defined information that can be

protected according to cost and privacy Different considerations, stored in the blockchain.

For example, Smartunit will develop a DApp on Ethereum, which is actually composed of a series of smart contracts, including call contracts, agency contracts, and user information management contracts.

Smart contract

With an improved version of its core infrastructure and a compatible Ethereum version, SMU has both the unbreakable blockchain network of Bitcoin and the limitless possibilities of smart contracts.

One of the biggest advantages of smart contracts is the non-interruptible execution of a program or contract, but the execution of some contracts depends on some external data facts or evidences, which are usually the truth of some data through the submission One of the trends in data delivery is that trusted third parties will become AIs provided by multiple trusted third parties for higher participation and reliability.

Because smart contracts are deterministically executed in every node in a network such as Ethereum, any deterministic error can lead to failure of the network consensus, so external services can not be invoked directly in deterministic smart contracts executed by nodes , They will obtain external AI information and data by collecting information and performing chain consensus processes through the accounts selected by the smart contracts on the chain. Smart contracts will provide the high degree of timeliness and reliability of external information due to Smartunit's access to AI services.

Based on this, we make further improvements to utilize the more efficient data acquisition by AI and use the consensus in the chain to draw conclusions based on AI factual data. Although it may still be controversial whether AI can completely replace humans, AI has reason to be deeply involved in the depths

of what they are good at, and because human decision-making processes exist in the black box of the brain with a great deal of uncertainty and uncertainty The area of blockchain certainty is better than humans, and future governance of the DAO will most likely be replaced by the AI.

5 The Future Development Trend

Artificial intelligence has brought changes and reconstruction to all walks of life. On the one hand, new technologies are applied to existing products, innovating products and developing new application scenarios. On the one hand, the development of technology also causes the subversion of traditional industries. Artificial Intelligence Artificial substitution has become an irreversible trend, especially in the areas of simple, repeatable and programmable processes such as industry, finance and agriculture. In the defense, medical and driving industries, artificial intelligence offers the ability to adapt to complex environments and more Accurate and efficient professional services to replace or strengthen the traditional manual services, service forms will tend to be personalized and systematic in the future.

For the application of artificial intelligence, the technology platform, industrial application environment, market, users and other factors have a great impact on the industrial application market of artificial intelligence. At present, the main application scenarios of artificial intelligence technology include, but are not limited to: how to realize the innovation of the artificial intelligence industry and apply it to specific fields such as security, manufacturing, service industry, finance, education, media, law, medical care, home, agriculture and automobile The scene will be the key point for the development of various industries.

Security

More security applications, small identification, home security, large anti-terrorism defense. In modern society, population flow is large and the middle class is rising gradually. User property is gradually accumulated. However, the

increase of income brings with it increased risks, lack of user safety and security as the users' need. The diversity of means of identification is of great significance to security. Therefore, the requirements for image recognition are higher in the area of security and require more measures to be identified through multiple dimensions. The progress of AI technology can greatly enhance the diversity and accuracy of the means of identification The rate is of great significance to security. In particular, the application of security in the field of national defense and security is of strategic national significance.

Financial

The application of AI in the financial field mainly focuses on three aspects: investment decision support, credit risk control and intelligent payment.

In the area of investment decision support, AI will assist financial workers in quickly retrieving valid information from tens of thousands of messages and further analyzing the data, automatically and accurately using big data engine techniques, natural semantic analysis techniques, etc. And predict the market trend of each market, so as to realize intelligent screening and processing of information and assist staff in making decisions. On the other hand, artificial intelligence can also help financial institutions to establish a financial risk control platform for risk management and risk analysis and decision-making of investment projects, personal credit rating and credit card management. In the field of smart payment, artificial intelligence face recognition and voiceprint recognition technology can achieve "brush face payment" or "voice payment."

Manufacturing

The application of artificial intelligence is expected to realize the transformation from semiautomatic production to fully automated manufacturing. The establishment of Industrial Ethernet, the use of sensors and the innovation of algorithms will enable the data of all production links in the industrial manufacturing process to be opened. People and machines,

machines Interoperability with the machine, on the one hand more convenient man–machine interaction, on the other hand will be collaborative office machines, both to refine the operation, but also timely prediction of product demand and adjust capacity. Artificial intelligence will drive the machine to further replace labor in the manufacturing industry, increase productivity and reduce production costs, and deliver smart, customized services through low–cost, personalized production.

Smart Home

AI in the smart home scene, on the one hand will further promote the intelligent home products, including lighting systems, audio–visual systems, energy management systems, security systems, home products from perception to cognitive development to achieve the decision–making, on the other hand Is located in the smart home system, equipped with a variety of artificial intelligence products are expected to become the core of smart home, including robots, smart speakers, smart TVs and other products, smart home system will gradually achieve home self–learning and control to provide for different users Personalized service.

At present, the smart home is still in the transition from handset control to multi–control. The mobile phone APP is still the main control mode of the smart home. However, hardware and software products such as a voice assistant developed based on artificial intelligence technology and equipped with voice interaction hardware have been started Market education, through the use of voice control, multi–product linkage scenes gradually become a reality. In the future, artificial intelligence will promote the intelligent home from multi–control to inductive control to machine self–learning decision–making stage of development.

Medical

Based on artificial intelligence technology, the medical industry will form a diagnostic expert system and establish a medical search engine to help realize medical diagnosis and health management. The machine will assist doctors in decision-making through image recognition and knowledge atlas, while the development of medical big data will bring patient information Digitize, increase the chances of finding a potential illness, and provide targeted solutions. On the other hand, the use of medical robots and rehabilitation robots optimizes the traditional surgical and rehabilitation processes, and artificial intelligence technology will bring new ways of treating diseases to doctors and patients in the medical field.

Autopilot

"Unmanned Automotive Brain" – AI's intelligence determines driverless reliability. Continuing research and development of driverless technologies are being carried out by Google, Tesla, Baidu and others. Although the travel environment changes a lot, the current technical level can not be directly applied to daily life. But in the travel process, artificial intelligence technology has begun to play a role, including tachograph, range finder, radar, sensors, GPS and other equipment ADAS system, has been able to help the car real-time perception of the surrounding environment and make an alarm for advanced assisted driving , To ensure user travel safety.

Under certain scenarios, unmanned vehicles have been initially realized. For example, Yu Technology has begun trial operation at Guangzhou Baiyun Airport with low speed and driverless.

6 Technical Overview

6.1 Basic Resources Support Layer

Since the human brain mechanism has not yet been completely revealed, the human brain-based computer can only use the existing chip and software technology to simulate, but its operating mechanism has completely different

from the traditional computer. The chip has become the core of computing formally. Artificial Intelligence "brain". At present, the basic artificial intelligence functions based on the cloud, can not fully realize the intelligence capabilities, the reason lies in the absence of smart chips.

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6.2 Technology to Achieve the Path Layer

Technology layer refers to the base layer, combined with hardware and software capabilities to achieve for different segments of the application development technology. The main technical areas include image recognition, speech recognition, natural language processing and other deep learning applications. The areas covered include machine vision, fingerprinting, face recognition, retina recognition, iris recognition, palmprint recognition, expert systems, automatic programming, intelligent search, theorem proving, games, automatic programming, intelligent control, robot learning, Image understanding and genetic programming. In addition to the comprehensive technology giants, startups also rely on the accumulation of their own technology and the rapid rise of the subdivision areas. Currently, technology companies are highly competitive in fields such as computer vision and speech recognition.

Technology companies covered by the technology giant, the traditional research institutes and emerging technology startups based. In the development path to 2B, 2C or 2B2C-based. The one hand, for enterprise

users, for the application layer manufacturers to provide technical support, on the one hand to develop the appropriate software and hardware products, directly to consumers, or provide automotive, home and other products, human–computer interaction technology to meet user needs.

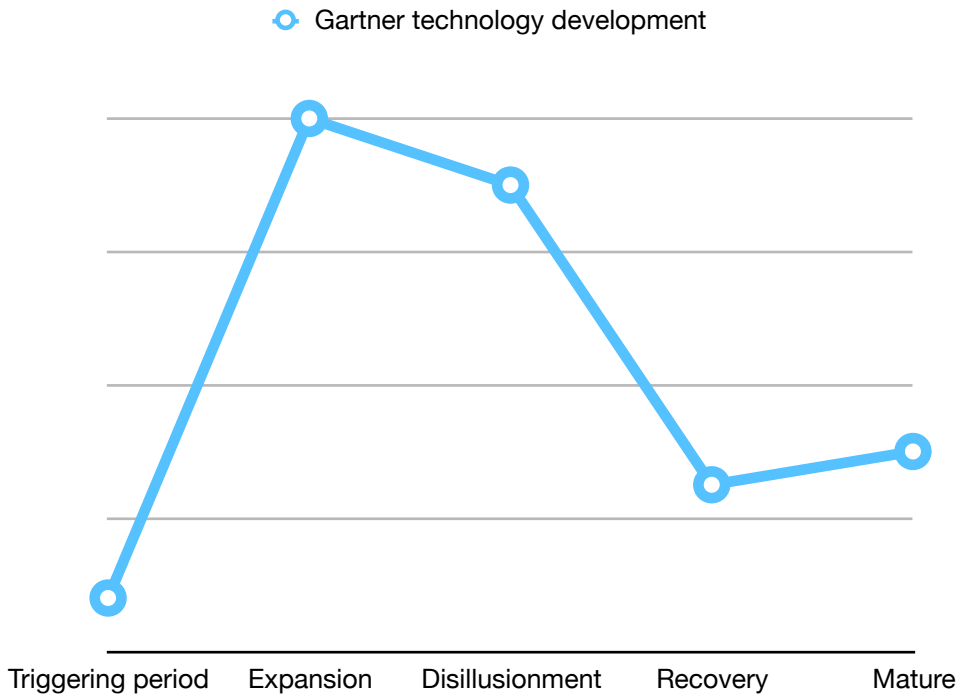

Table 1. Gartner technology development curve

Technology giants still have the technical, data and financial advantages and the ecological chain is relatively complete. However, traditional technology vendors such as iFLYTEK have a strong scientific research background and a certain amount of research and development capabilities. At the same time, they are supported by the government and obtained large amounts of cooperation with relevant government agencies Data sources, strengthen artificial intelligence technology.

Start–up companies cultivate the vertical field, the founding team mostly technical experts, master the research and development technology, financing and other ways to make up for the lack of capital, and gradually accumulate funds, personnel, technical strength, specializing in the subdivision field, you can quickly achieve the technology, and its technical Innovation also make up

for the lack of traditional technology providers and technology giants, to achieve the maturity of the technology in the competition.

6.3 Application Implementation Path layer

AI can use its technology to empower multiple industries to realize the deep integration of artificial intelligence and industry, including AI + finance, AI + medical care, AI + security, AI + home, AI + education, etc. to realize the intelligence in traditional industries. Financial, medical, security and other industries and user life are closely related, and there is a lot of human and material resources can be programmed to optimize the work content, so in the relevant fields and scenarios, the first to achieve AI +.

In each vertical area, traditional vendors have the advantages of industry chain, channel and user data and are transforming through the access to the Internet and AI's wave of artificial intelligence. Venture companies to cultivate the rapid rise of the vertical field, go out to ask, you must choose, Tesi and Unicorn enterprises lead the development of their respective fields, is committed to promoting technological progress, the scene landed, and build a platform to continuously access more Manufacturers, powerful combination, to provide more comprehensive services.

Application layer vendors are more directly facing users, or follow the 2B2C development path, compared with the technical layer and the base layer, with more user data, but also need to further polish the product to meet user needs.

7 Market Opportunities

We expect a compound annual growth rate of 34.52% between 2016–2022 for the Global Encrypted Currency and Blockchain Markets. The cryptocurrency market is generally analyzed in two aspects – industries and regions. Increasing online transaction, less transaction costs, convenient and

fast transaction process, changes in the perspective of buyers and sellers are accelerating the rapid development of the market.

The application of artificial intelligence technology in various industries usher in many positive and help the development of artificial intelligence technology.

In terms of policy environment, most countries in the world have introduced a series of policies to support the top-level planning of artificial intelligence technology development, boosted the development of artificial intelligence technology and promoted the innovation of artificial intelligence technology and industry convergence.

In the technical environment, artificial intelligence technology continues to mature, deep learning, computer vision, natural language processing and other technologies breakthrough for the combination of artificial intelligence and finance to create the technical basis. The entire society has a huge network of intertwined, in the long-term development process precipitated a large amount of data, such as user identity data, asset data, transaction information data, the strong dependence on data for the application of artificial intelligence technology in various fields ready .

8 Tokens mechanism

8.1 Virtual Token Market Overview

As of December 2017, the total amount of virtual token market reached 700 billion U.S. dollars. By 2018 1% of Internet users will have their own virtual token wallet. Due to the advantages brought by the introduction of blockchain technology, the penetration of virtual tokens may be as high as handsets and broadband networks, facilitating cross-border transactions, low transaction fees, and high security. It is estimated that by 2025, the penetration rate of virtual currency wallets will reach 5% of the global population, providing more

support for asset tokens transactions, with the total virtual token market exceeding 5 trillion.

Because of the traditional virtual tokens' advantages, low volatility and portfolio optimization features, tokens are worth at least 80% of the market by 2025 with total market value of tokens (all tokens associated with asset prices).

Due to the improvement of technology and computing power, the blockchain technology transaction fee has the opportunity to be reduced below 0.001% of the asset price within 10 years. We expect the low transaction fee will lead to a substantial increase in the transaction volume of assets tokens, and the non–liquid assets before the conversion of non–liquid assets will be non–liquid assets "non–liquidity" disappear, so that non–liquid assets Market value increased by 10–40%. The transaction volume of tokens linked to asset prices (such as stock tokens, bond tokens, commodity tokens and real estate tokens) can exceed 10 times of the original market capitalization.

8.2 Tokens Application

Blockchain transaction fees are significantly lower than the traditional economy of the main body, for example, the acquisition fee in the United States on average 2% of turnover, and Ethereum average transaction fee of only 0.00257%, equivalent to 99.8% savings in transaction fees Amount.

At the same time we must remember that because they compete for limited computing power, resulting in rapid growth in transaction volume and transaction costs. Since virtual tokens fundamentally drive blockchain technology design and computing power from transaction costs, we believe trading fees will decline as technology updates and calculus capabilities increase. According to Moore's Law, the number of transistors per square inch of integrated circuit doubles every two years. Despite the slowdown in recent years, the computing power of computers continues to accelerate.

According to FT, Brian Krzanich, Intel's Executive Director, estimates that the transitional period between the two technologies will be reduced to six months from the original two years. This means a 20% reduction in costs at least annually. And the improvement of hash algorithm should also reduce the computational complexity. Therefore, the use of tokens as currency denomination instead of currency products, from any perspective, are moving toward the development of lightweight.

8.3 Token Distribution

Tokens are on sale January 18, 2018, ending after two rounds of sales. The maximum number of all available for sale tokens is 2 billion SMUs, and the maximum sales of tokens are up to $ 40 million. Any limit is reached at the close of the ICO.

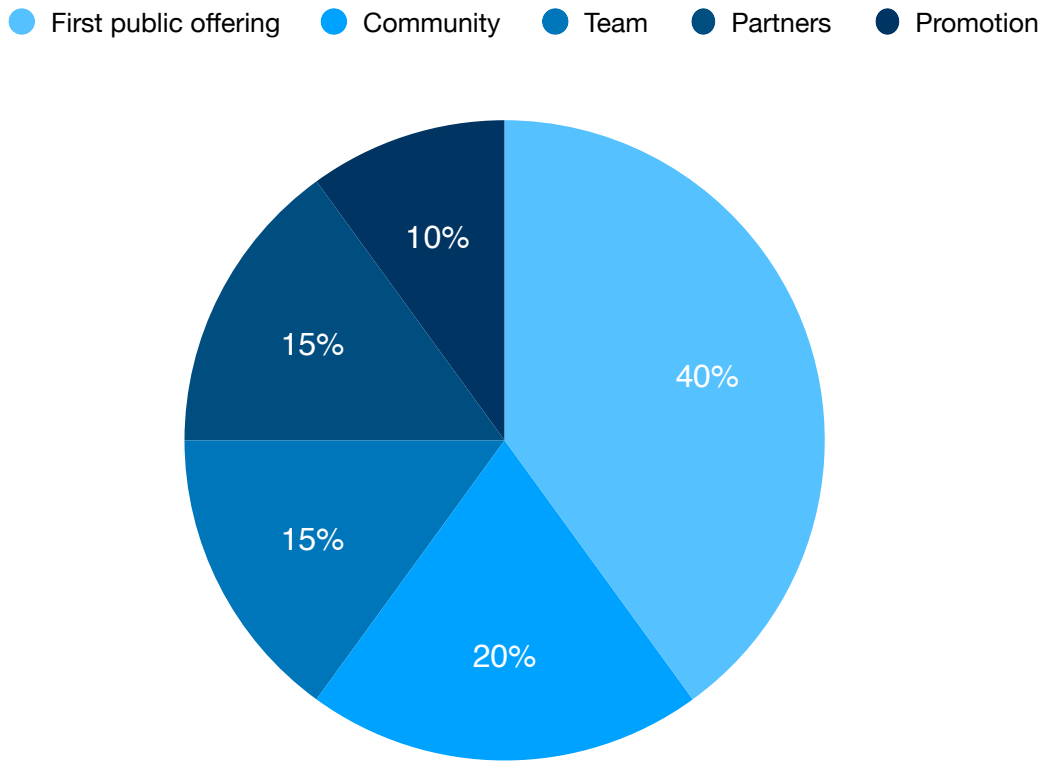

Figure 1. SMU tokens distribution plan

The first stage is for sale by strategic and private equity investors at a price of 1ETH = 65,000 SMU and a ceiling of 15% of the total amount. The second stage is for sale by ordinary investors at a price of 1ETH = 50,000 SMU without a hardtop Limit until the sale of 40% of the total amount of deadline. To facilitate the liquidity of SMU tokens, the minimum purchase limit is only 0.1 ETH. The sale time and deadline see the official website.

The SMU Token Agreement itself complies with the ERC20 standard, it can be transferred and stored via any Ethereum wallets, which allows the virtual token holder to purchase or trade easily.

Due to local laws and regulations, private equity investments do not accept citizens of the United States, Singapore and China, we conduct the SMU verification process. Please comply with local laws and understand the relevant policies before investing.

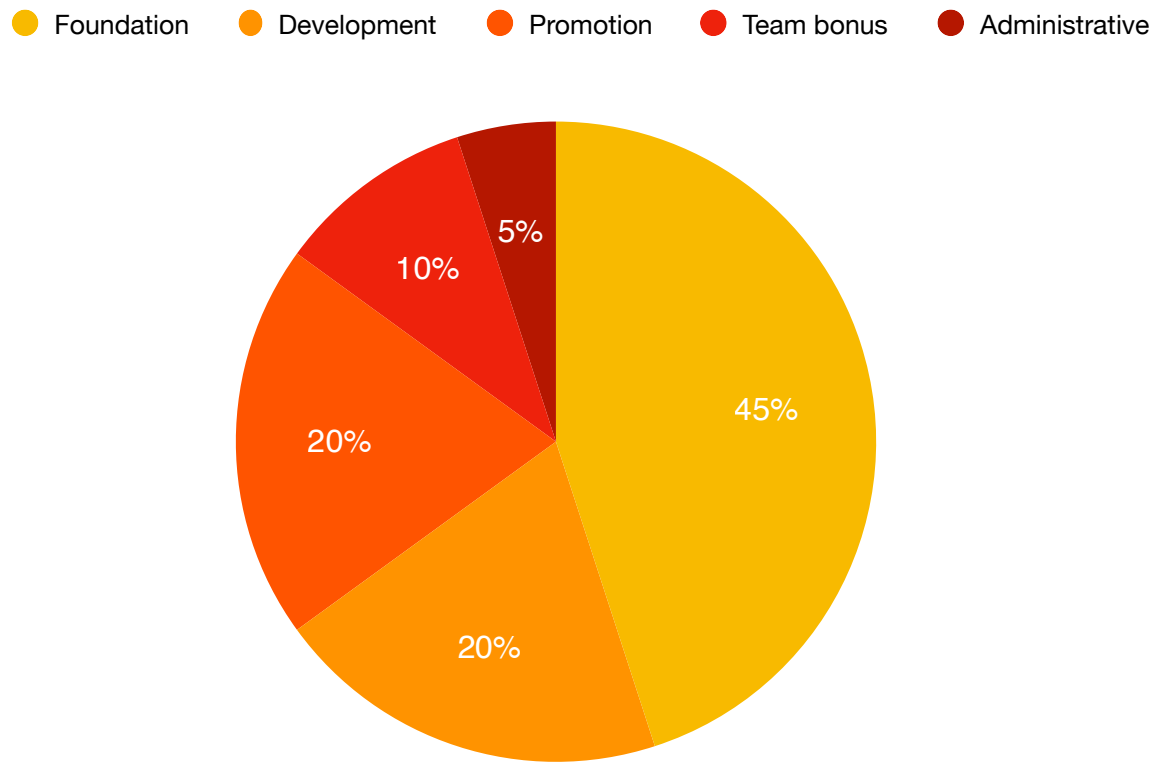

Figure 2. SMU tokens revenue distribution plan

The proceeds of tokens sales will be used to strengthen the rights and platform development of holders of virtual tokens, with 45% of foundations, 20% of product research and development, 20% of marketing campaigns, 10% of team bonuses and 5% of administrative expenses.

9 Contact

Official website is https://smu.io
Telegram Group: https://t.me/smuofficial
Twitter: https://twitter.com/smu_io
If you have any questions, please contact us at info@smu.io

10 Legal Risks

SMUs are blockchain tokens, digital tokens created for the blockchain, part of the decentralized software protocol, and are issued on the ethernet token using the ERC20 standard contract. SMU does not grant monetary holders ownership, or corporate rights or the company's control, decision–making, direction of the resolution. Individuals, businesses and other organizations should carefully weigh the risks, costs, and benefits associated with acquiring the SMU before proceeding with the purchase.

We have no commitment whatsoever to the future performance or value of the SMU Tokens, including no intrinsic value commitment, no guarantee of sustained profitability, the only potential risk that token buyers should accept the purchase of SMUs, and acknowledge that the Smartunit Platform is currently under development and may be unknown Major changes.

Please understand that SMU is not a security, is not registered as a security in any government entity, nor should it be treated as a security or registered as a security in any government entity.

Blockchain technology is monitored and controlled by regulatory agencies around the world. SMU tokens may be subject to one or more requirements or

initiatives, including, but not limited to, restrictions on the use or possession of digital tokens, which may slow or restrict the future functioning or repurchase of SMU tokens.

SMU tokens are not any type of official or legally binding investment. In the unforeseen circumstances, all personnel involved in the purchase of SMU tokens and all parties at their own risk.