



ALLCHAIN<AIA>

ALLCHAIN Block Chain Industry 4.0 White Paper

Data service and asset operation platform

ALLCHAIN FOUNDATION

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Abstract

Now a lot of people do not understand the Block Chain, just like they did not understand the future of the Internet in the early days. The progress of science and technology will greatly facilitate the change of The Times. Block-chain technology is considered one of the greatest inventions in the world, and it will be the next revolution. To make clear that why we say so, first let us review the history of several revolutions. In about 1045, the invention of movable type printing make people's ideas to be passed and accumulated, knowledge is not the privilege of royal anymore. People are no longer confused by the demons created by the royal nobility, and this invention fills the gap of knowledge. In 1760s, the invention of steam engine changed the situation that the production and manufacturing can only rely on physical labor, it liberated slavery and help people ended the colonial era. In 1950s, the invention of Internet is the grace of the times, it makes the world getting smaller and smaller. From then on, knowledge and information spread around people at an unprecedented speed, the invention of Internet also fixed the problem of distance. And the next great invention will be the Block Chain, what kind of problems does it fix? It's trust. From the cave era to the industrial age and then to the information age, people's transactions are based on trust. I trust you, and then I will have transactions with you. As Unile Hullah said: "Both the shell and the dollar, their value is only in our imagination."

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Chapter One The birth of ALLCHAIN

1.1 The idea of ALLCHAIN

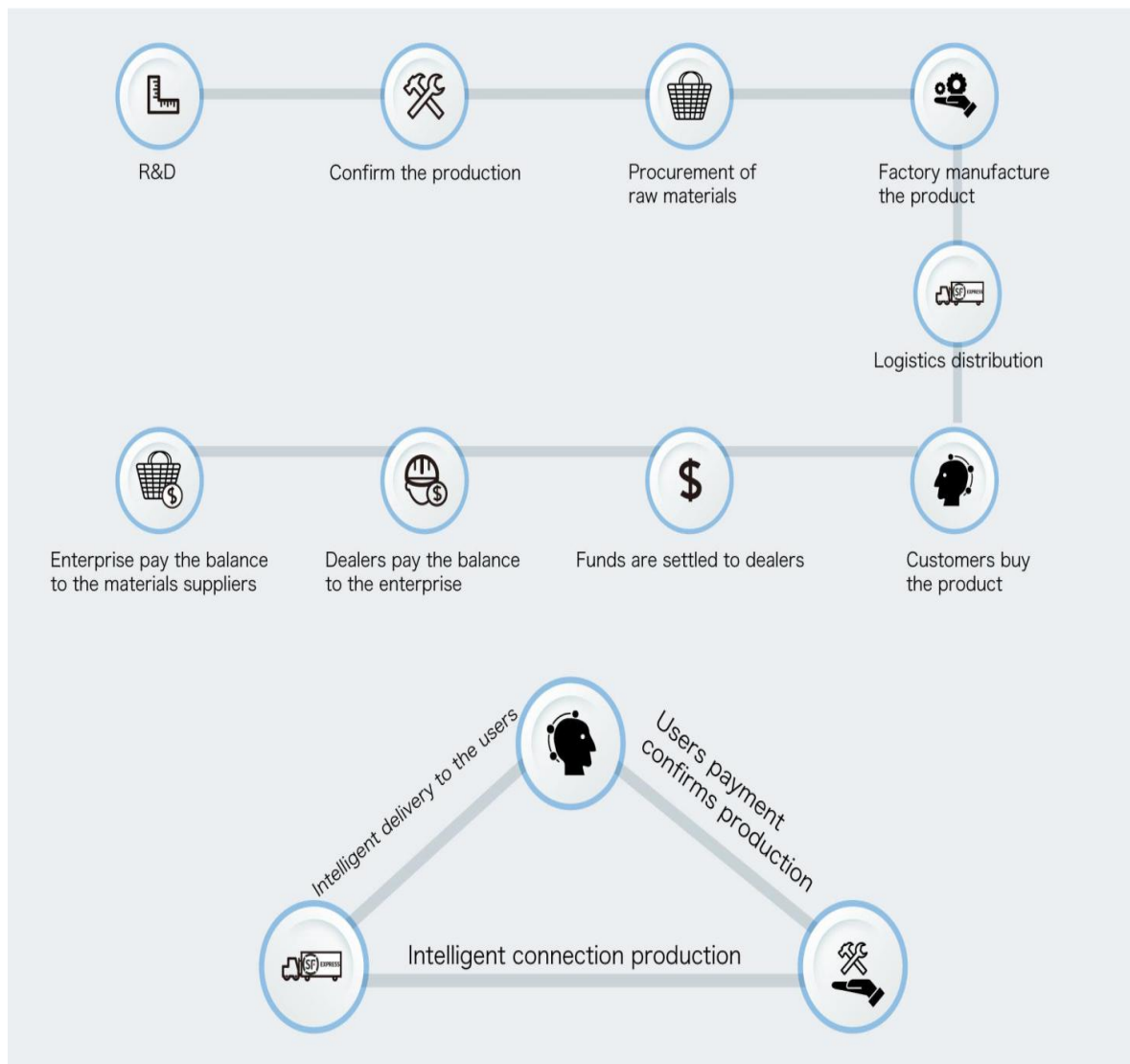
ALLCHAIN Block Chain is different from the Block Chain project in the market, ALLCHAIN project is based on traditional manufacturing revolution, dedicated to the development of Block Chain data intelligent manufacturing industry 4.0. Although the industrial development so far can be mechanized, informational manufactured. But mechanization is only the way to use the electricity or the other power to manipulate machinery and equipment to replace the manual labor to produce. Using the mechanical equipment but still need manual or animal labor to promote the production, which is “semi-mechanized”. Assembly line production refers to the working object in accordance with the scheduled process sequenced, unified speed, continuously through the various workplace to complete the corresponding processing of a form of production organization. The informational of traditional manufacturing is only remain on pure production transaction, rather than to make the information become a productive tool. ALLCHAIN combined Internet of things(IOT), Near Field Communication(NFC), Data technology(DT), Artificial Intelligence(AI), Block Chain(BC) all together to a perfect combination. It will makes the data intelligent production a reality, the production will decided by users, not the industry anymore. It will makes a ecological platform that customers drive the manufacturing industry directly. Please play your imagination, the future of all your needs, ALLCHAIN can be tailored for you.

1.2 The current situation of manufacturing

The traditional manufacturing industry production process: R&D→ Confirm the production→ Procurement of materials→ Factory manufacture the product→ Logistics distribution→ Customers choose the product→ Funds are settled to dealers→ Dealers pay the balance to the enterprise→ Enterprise pay the balance to the materials suppliers. This process is faced with product cost issues, material supply problems, production management issues, dealer channel issues, sales issues, inventory problems, all aspects of funding issues.

1.3 ALLCHAIN Block Chain make production intelligently

ALLCHAIN data intelligent industry: Users pay the money and confirm the production → Intelligent order taking and production → Intelligent logistics distribution (Smart contract, users can track the whole production process). Yes, it is so easy. We can confirm the owner before the product has been produced, so we can solve the inventory problem. And after that we need to solve the overcapacity problem, business flow problem and management issues. After all the problems has been solved, we will continue to describe how we make this project successfully.



1.4 ALLCHAIN contacts our future

ALLCHAIN is based on the user's actual demand. The private chain gradually transition to the union chain, and then extended from the union chain to the public chain. All the changes talked above are a process of continuous accumulation of users and applications, it is a process of quantitative change to qualitative change. The evolution of the Block Chain means the era of informational Internet becomes the Internet of value, and now it's just the beginning. We all know the Block Chain technology business applications still have a long way to go, so we need to focus on the traditional manufacturing revolution .And we try to make Block Chain from real to virtual, taking the private chain clothing industry as the point. When the private chain finally reached a steady, we will extend it to other areas of commerce(Union chain). Finally, a public ecological chain is formed. And then we can put it into other area, such as Block Chain agriculture, Block Chain property, Block Chain trip, Block Chain medical, Block Chain social, Block Chain finance. And Block Chain will help remodeling all trust we need. ALLCHAIN aim at build a real scene business public chain(The block chain technology has been used in the manufacturing sector, and help promote the accounting services related to electronic notes. financial intercourse, commodity classification statistics and traceability (supply chain), industrial interconnection and other business related to Block Chain applications (trade). Block Chain is working towards the realization of social business activities in the business flow, commodity flow, capital flow, tax flow). Only when we have enough participation, the chain of ecology will have real value. All Chain will focus on the real demand of users to develop the hardware and software facilities. So that the Block Chain can offer the services to the community, the individual, making society enter into a real value of the Internet era, although there will be a long way to go, we also believe that day will come soon, ALLCHAIN will link the future.

Chapter Two ALLCHAIN business solution

2.1 ALLCHAIN Block Chain C2M retail platform

“Customer needs” drives manufacturing enterprise supply effectively thanks to the Block Chain C2M Retail Platform. Now the retail goods are more expensive due to the industry raise the price of middleman. And all the cost, like holding inventory and the other marketing expenses will apportioned to the customer, that's the reason

why the retail goods are more expensive. ALLCHAIN will research and development an online custom direct sales platform—Block Chain C2M platform (Customers demand drives enterprise supply efficiently).

C2M platform is the user's online portal but also a large data platform to support all kinds of product on-line customization. Customers login through mobile devices and other information terminals, they can choose the style, craft, materials online, after the order generated, The product customized, trading, payment, design, production process, logistics and distribution, after sales-service, all the process will based on data driven and network operation. Factory will start production after customer give an order. And then the factory will have no redundant inventory, it makes operation more easily. Factory are able to manufacture according to customer's requirement, realize no inventory. Then we can make good cheaper, the customers don't need to bear the cost. ALLCHAIN has a lot of scalability, ALLCHAIN plans to create a "cross-sector, multi-category, multi-species, platform-level" global chain of new retail custom customization, that is, in addition to clothing, other categories of products can also realize online customization. The customers from all over the world can make demands on the ALLCHAIN platform, then the platform will integrate the patchy demands, and then link to the factory on the platform to complete the large-scale production and distribution of customized products. In this way, we can make manufacturing and service integration. We can make the cross-industry, cross-sector large industrial system all together and generated tremendous value, and ultimately form the industrial and financial integration development.

2.2 Block Chain data drives intelligent industry

Based on the data, the production, design, order and customized data transfer have been digitized. The user of customized need to order through" ALLCHAIN Block Chain C2M" platform. And the system will generate order information automatically, order number will enter to the ALLCHAIN Block Chain database(version database, process database, style database, raw material database, supply chain database) for data modeling, breaking the bottleneck of the artificial version. ALLCHAIN platform will help break down in every production node. Switch data command into production duty. During the production process, every customization product has its own electronic chip, and accompanied by the production of the whole process. Each process has a dedicate terminal equipment that can read

and download the order information from the electronic chip. Through the intelligent logistics system, to solve the entire process of material flow problems; through the intelligent fetching system, intelligent cutting system, to achieve personalized production of assembly line. Based on IOT and Block Chain technology, the data of multiple information system can be shared and transferred, all the process can be traced back. It helps open up the information island, breaking the enterprise boundaries, achieving the multiple production units and upstream and downstream enterprises transfer and share data through the block chain information system, so we can make the entire industry chain collaborative production come true.

2.3 Information intelligentized production

Block Chain system developed by ALLCHAIN will make the whole process intelligently, the block chain put the Internet, Internet of Things, block chain and other information technology into mass production, to create a personalized production of assembly line. Block Chain collect the information of the demand and put the demand into production data, making the research, development, production planning, automatic typesetting intelligently. Block Chain will making the value-chain, production, customer service systems, logistics and distribution, customer service and fully digital customer service operating system all driven by database. It helps us solve Solve the problem of automatic intelligent docking with production system. When we put the user's body data into the drive system, the change of data in driven system will be synchronous, it can meets the needs of obesity, height, humpback, convex belly and other special characteristics of the body, covering all the users personalized design needs.

Under the traditional mode, the customization cost is high and the quality can't be guaranteed, the delivery time is more than 1 month. And it's hard to achieve mass production. ALLCHAIN connects the consumer and producer, designers through the Block Chain networking device. The MOQ of customized clothing or other products is one piece. Traditional clothing custom production cycle is 20-50 days at least, ALLCHAIN can make it 7 days at most. Create the optimal cost performance product: In the old days, only a few people can afford "high-end atmospheric grade" aristocratic custom, now most of people can afford it thanks to ALLCHAIN. At the same time we also accept school uniforms, corporate staff uniforms, wedding dresses

and other small quantities tailored. ALLCHAIN convert the “production before sales” into “sales before production”, “high-stock model” into “zero-stock model”. It helps us change the “C2B2B brokers model , B2C retail model” to “C2M model”, which means the factory customization are driven by the demand of customers directly. ALLCHAIN creating a way of making large scale assembly line product personalized goods. ALLCHAIN make this method a business solution that can be blocked, networking, coding, programming and generalization.

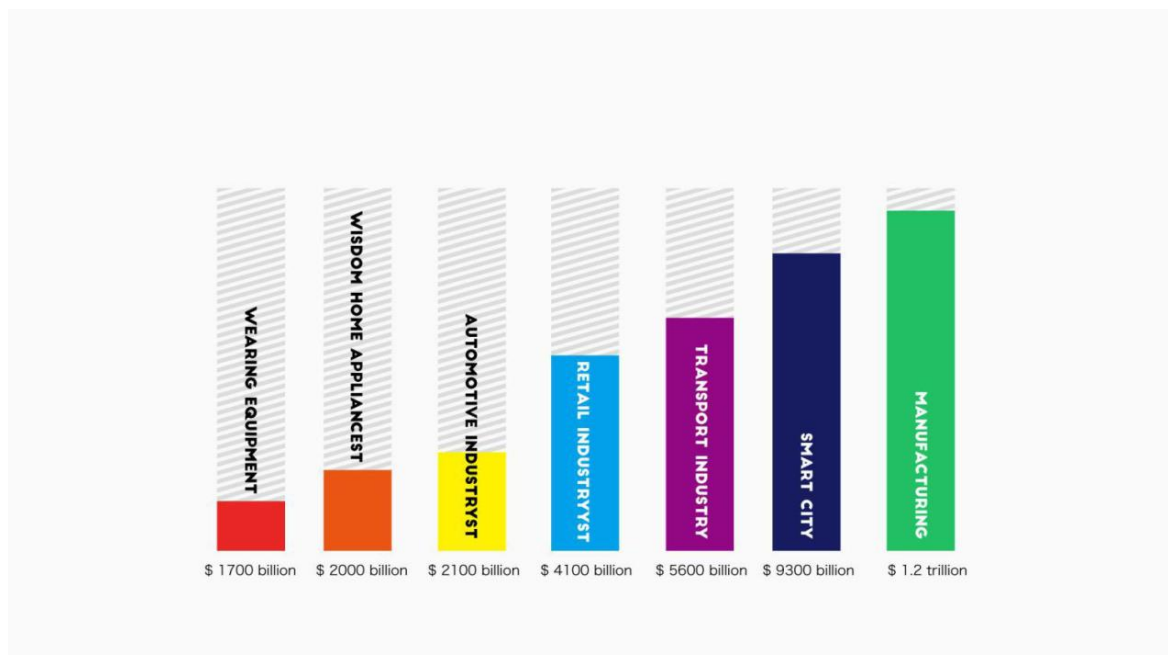
2.4 Expansion of information technology and globalization

We will lay out the project in the major international country, like American, French, Italy, England, China, Japan, Korea, Austria, and so on (In the early stage, we will aim at Internet developed areas such as China and the United States, and then continue to landing intelligent factory, to solve their international logistics costs and efficiency issues). We will have cooperate with local business via the extension workers from different countries, the system will transfer the data to the blocks from data-collection, at the same time, our intelligent factory will start personalized customization according to user requirements. We will send the finished product to the user's in the fastest time, and the whole process will be recorded on the ALLCHAIN Block Chain platform, which allows the user to track the customization process. If the customer holds ALLCHAIN token, we will conduct an equivalent transaction through a smart contract or a direct currency transaction.



2.5 The future of Intelligent Industry

The cost of sensor is reduced from \$1 in 2009 to \$0.1 this year due to the IOT can link to the cloud sensor. In few years, the amount of sensor are expected to rise from 9 billion to 29.5 billion. In addition, the cost of the bandwidth and the cloud have been reduced, including cars, clothes, machines, etc., all this things can be installed on the sensor and connected to the network, through deals with large data makes the device can be intelligent, for example: smart football can record and analysis the angle, path; And retailers can quickly get the first line of store sales information and they can make quick order and stock. Even because the individual driving habits are different, personal insurance appears. It seems that when comes to 2025, the intelligent wearing device will own about 170 billion dollars of the market. Not to mention the smart appliance and auto industry own 200 billion dollars and 210 billion dollars of market respectively, retailing own 410 billion dollars of market, transportation business own 560 billion dollars of market, smart city own 930 billion dollars of market, and manufacturing own more than 1.2 million dollars of market, Companies that produce high-priced products, the money they invest on the Internet of Things are 8.5 times more than companies that produce low-priced products. Companies that have invested in the Internet of things, last year's revenue increased by 16%, there are 9% of companies revenue increased by more than 6 percent. Block Chain and IOT is changing the world, and also changing our life too.



Chapter Three The technology background of ALLCHAIN

3.1 Smart device and Block Chain network link

ALLCHAIN use Block Chain technology, committed to solving manufacturing and user's information link problems. Trying to Build a value system of whole society. The core of strength is the incorrigibility of data. Let's see ALLCHAIN how to use this trait of Block Chain to prove the value problem of IOT supply chain. Block Chain and the IOT have a variety of exploration about IOT and intelligent Block Chain system application direction. When applied to IOT, the Block Chain application creates an infinite of possibilities, the Block Chain technology can be used to track the device's running process. And it can coordinate the transactions between devices, the technology will be provided by the equipment and the data transactions between equipment and human make the Internet of things equipment independently. Block Chain makes equipment achieve self-management and maintenance, to help the owner of the property make rights authorized. By creating a private key for the device to ensure that the user's personal data is not stolen by other people, The private key also helps improve the security of IOT.

3.2 Block Chain technology and Internet of Things technology

Block Chain technology and Internet of Things technology will be tight connected in the future applications. Form the development of IOT, it seems that IOT will construct an interconnected world. But what should we do in the process? 1) Standardized communication protocol. A unified communication protocol is required between IOT devices and devices that is, any manufacturer of equipment need to use the same language communication. The Internet of things standards published by 3GPP provide a basic communication standards, which provide more interactive language for Block Chain technology so that a variety of IOT device can interact through this unified language; 2) Uniform Identifier. If you need to identify the other different devices, then you need a unified identification code system. So how to make different devices reach a consensus, and how to solve problems that the unity of the identification code between different equipment manufacturers. Actually the decentralization of Block Chain technology is the best solution; 3) Smart contract. With unified communications protocols and identification, there is a need for further

interaction and commercial activity between objects. Then you need establish a smart contract on the Block Chain. And if we want the value to be transmitted at the same time between the devices, it would require digital assets as a transmission medium; Block Chain application, as a technology to provide a decentralized trust service, the Block Chain can guarantee the actual validity of the data running on the Block Chain network, But how to protect the real effective of data source when they get into the system at first, then we can rely on the integration of Block Chain technology and IOT technology. IOT technology help describe the real physical world and upload to the Block Chain, so that the data on the Block Chain network and the data on the physical world is always consistently, IOT technology can also greatly reduce the influence of human interference when we doing data collection, so as to ensure the true validity of the data.

3.3 The important features of Block Chain

At present, the Block Chain technology can realize the authentication and authorization of the equipment on the basis of device identification. Through the asymmetric algorithm, we can verify whether the equipment can access the network, whether the digital information source is reliable, and whether the intelligent contract operation can be carried out. In order to ensure the security of the asymmetric algorithm, we will encrypt the private key of the Asymmetric keys, and it can not be read; The asymmetric encryption algorithm runs in the safe mode of the processor to ensure the security of the algorithm.

3.4 ALLCHAIN and IOT

There is a IOT development team in ALLCHAIN team, and this team will help them doing research on Block Chain applications and IOT technology, this team is mainly responsible for the following aspects:

- 1) Authorization module and authentication module of IOT
- 2) Intelligent sensor identification and Block Chain network data interactive verification technology
- 3) The development of intelligent devices chip identification code

4) QR code tag authentication technology: Add the address and ID, Property right authentication and asymmetric algorithm.

Through the QR code and block network we can realize the non-contacted connection. With the complexity of IOT device ,we will upgrade the devices from different solutions.

3.5 ALLCHAIN and future ALLCHAIN network

Through the integration of Block Chain and the IOT technology, ALLCHAIN will eventually build a smart device barrier-free value transmission network, building a large-scale and high levels of trust decentralized value of the Internet. Through the intelligent equipment to build a full range of users of the real-name authentication system, and monitor or transfer the user's assets that has been stored in IOT and block chain network. When the Block Chain network and the IOT equipment that has been in ALLCHAIN arrived to a certain level, we can realize the interaction between objects and objects, objects and people, people and people. IOT using the sensor camera to describe the physical world and record the physical world data. And these data will be protected by distributed storage technology to keep their security. Screening and distribute the data by artificial intelligence technology from a large number of data, in this way the users are allowed to get the resources by custom smart contract and decentralized mode. Ultimately to improve the utilization of social idle resources, and establish our social credit system, to those people who destroy the network order maliciously we will put restrictions on all sides in order to maintain the stabilization and health of the Internet system. Then the whole physical world and the virtual world will reach an unprecedented level of integration, the formation of a new Internet we call it "ALLCHAIN network."

3.6 The core value of ALLCHAIN

- 1) Customization. According to user needs we produce customized products (The future consumer groups gradually become younger, personalization and original)
- 2) Reduce inventory. We can solve the problem of overcapacity at the same time. (According to incomplete statistics, the inventory is available for the global

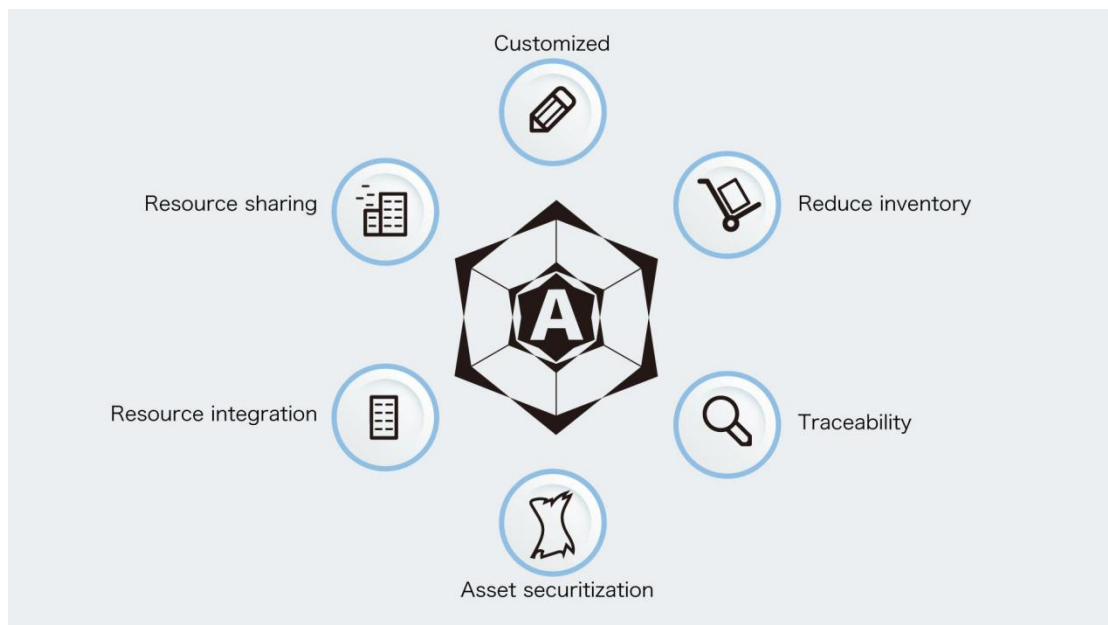
population consume more than ten years even if we stop produce clothing now. Imagine What a terrible waste of resources)

3) Traceability. All the goods can be traceable, the counterfeit goods will not exist anymore. (The Rothschild family supply Lafite only less than a few hundred of thousand, but the global sales reached ten times as much, cause all these consumers can not confirm the authenticity of the product only through the packaging.)

4) Asset Securitization. Provide the user's data to the factories, and the factories packaged the data into asset packages to investors, at last we can achieve the value investment.

5) Resource Integration. Reduce human, financial and material resources to achieve better allocation of resource value.

6) Resource Sharing. Based on the Block Chain technology, ALLCHAIN platform can achieve resource sharing, such as: product value sharing (original), talent value sharing (creation), resource value sharing (distribution). About this point is no longer more details, cause it's involving the business secrets. The details we talked above will be reflected on the ALLCHAIN platform gradually in the future.



3.7 The value and future of Block Chain

Try to think that, two hundreds years ago, people will think it is impossible to fly in the sky or having long-distance video communication. Including shop and pay online, they will certainly say that all myth. But now with technology development for 100 years, the science and technology greatly promoted the economic development, human beings start to rely more on the virtual world of the network, all thanks to the development and progress of science and technology. Block Chain brings three huge changes: trust of decentralization, value delivery, the technology base of smart contract. Block Chain will change the trust of trade, like the Internet changes our communication. The appears of Block Chain just like the Internet first appeared. Although few parts will be eliminated in the future, but the transformation of Block Chain will also breeds lots of jobs that we have never imagined. After 10-20 years, we will talked about Block Chain just like the Internet today.

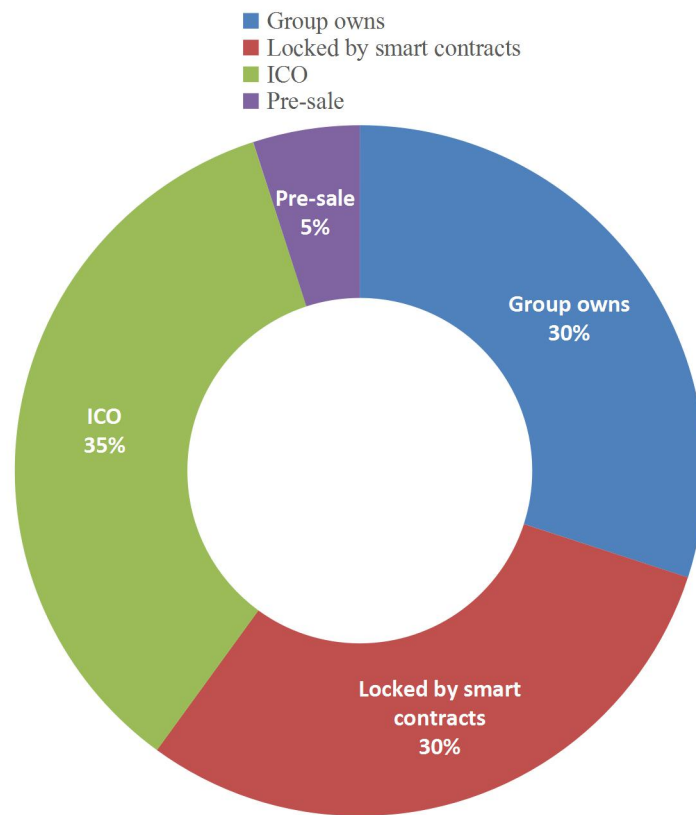


Chapter Four The roadmap of ALLCHAIN



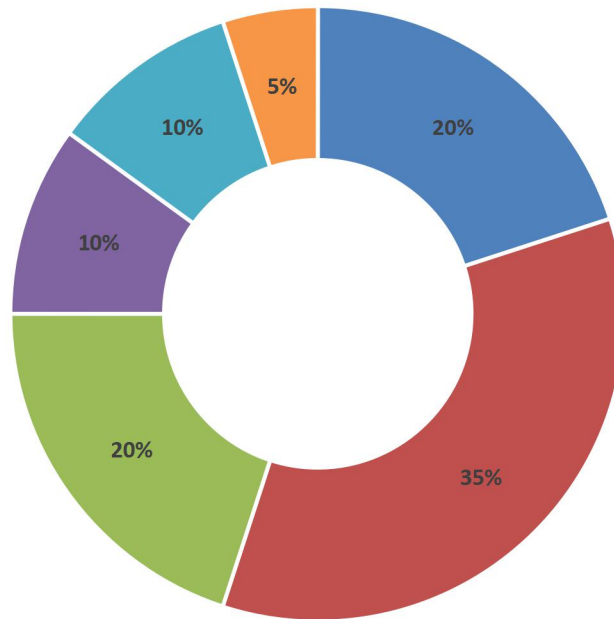
Remark: The above time nodes are for reference only, subject to actual execution.

Chapter Five The distribution of ALLCHAIN Token (AIA)



Total Supplies:1 billion Token : AIA
5% Pre-sale (54 million AIA)
35% ICO (346 million AIA)
30% Group owns (Five years, the token will be lifted 20% every year.)
30% Locked by smart contract (The token will be lifted depend on the process of project and then the next round)
All the token that hasn't been purchased will be retained and locked in the smart contract.

5.1 The use direction of ALLCHAIN Token (AIA)



ALLCHAIN AIA use direction			
ID	Use Direction	Remark	Share
1	Research and Development	Block Chain technology and IOT technology	20%
2	Equipment Investment	The equipment of IOT and intelligent factories	35%
3	Business Applications	To promote the application of city shops	20%
4	Business Promotion	Marketing channel of construction	10%
5	Daily Expenses	Daily operating costs of company	10%
6	Disclosure of Project	Financial and information statements	5 %

5.2 The future plan of ALLCHAIN Token (AIA)

AIA token is a smart contract that based on Ethereum , and we will have our own public chain system later. It means that we will transfer the AIA token that established on the Ethereum to the token on ALLCHAIN public chain equivalently. The reason for this plan is that there will be more companies develop their business applications on the ALLCHAIN public chain platform. At then AIA can be used as digital assets and will have better circulation between enterprise.

Tips: Please note the country and the city when you transfer the currency, cause the regional selection of overseas branch office to promote will based on the data of participant's region. When you recruit staff, you or the recommender can participate in the candidates, candidates will participate in the future development of ALLCHAIN company. We sincerely welcome your participation to witness the business revolution of a better way to make business change.

Additional Risk Disclosure

Unless you know development route of ALLCHAIN and the risk of Block Chain as a new industry or we do not suggest to participate the in the public exchange of AIA token. Encrypting digital money is an early and high-risk industry, so the investment and participation needs your own voluntary and well-thought-out investment decisions. Once you doing exchange, your original currency will not be refunded anymore. The legitimacy, market demand, technical and other uncontrollable factors may led to failure of this project and the ETH you invest can not be recovered.



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Thanks for watching!