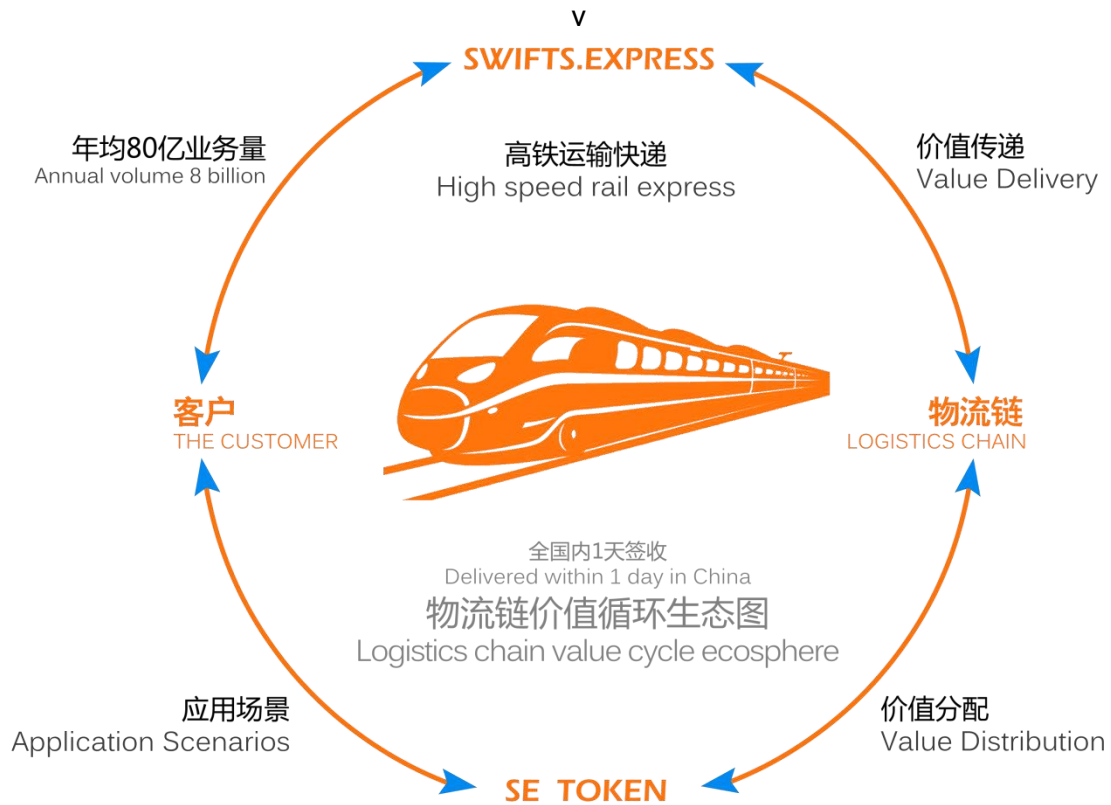


Logistics Chain Project White Paper



World's First Real Value-Based Blockchain Project

Ultimate Form Of Blockchain

Swifts Express Token Foundation

www.swifts.top

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The Overview

Logistics chain is an ecological system that is designed on the basis of commercial development and realizes the value cycle through commercial development.

Logistics chain is the ultimate goal of all blockchain, building block chain economy with the entity landing, and endowing digital asset value with commercial profits.

The market is like a battlefield, and the undetachable commercial landing and market competition are the sword of Damocles hanging on the block chain.

Logistics chain is to build Swifts.Express to develop new application scenarios. The white paper does not involve the privacy of business operations, so as to present the implementation of application scenarios and the expected revenue as intuitively as possible.

Project will take out 50% of the profit every year, for ecological users and repurchase tokens, reward, at the same time it determines the value of the token will continue to grow, also to change the current digital currency with flange and higher malignant ecology.

1. Project background

China's annual logistics express volume is more than 40 billion RMB and its total production value is more than one trillion yuan. Logistics industry is a super industrial cluster with unlimited potential, and it is on the rise year by year. With the high-speed rail coverage, the consequent logistics transportation speed gradually presents a disadvantage. At the same time, the emergence of high-speed rail is a threat to the old world of logistics.

2. Logistics industry pain points

2.1 Speed problem of old logistics system

The transportation speed of traditional logistics enterprises serving customers is 3~5 days, mainly truck and road transportation.

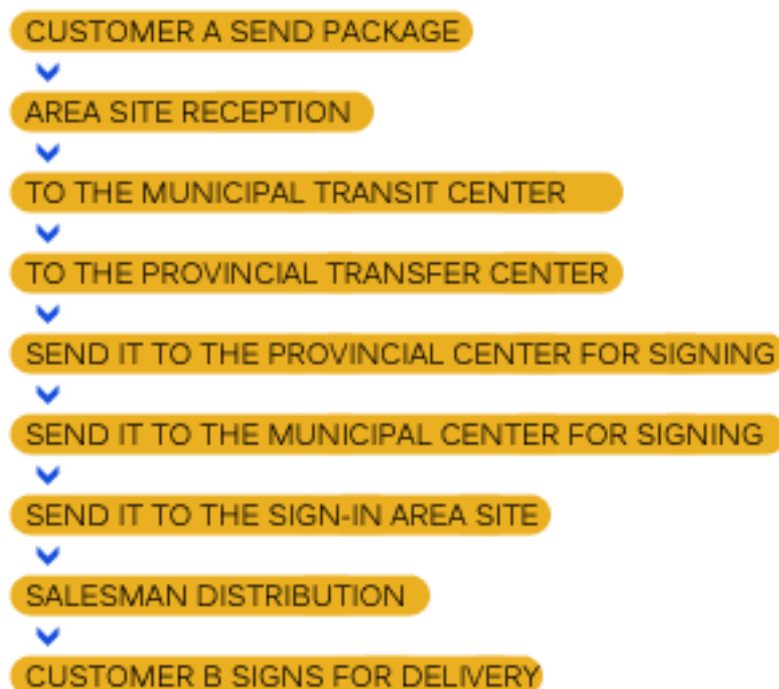
2.2 Transfer pain points

Goods transfer is a very important link in the logistics industry.

The pain points as follows

①Time consuming ②Perishable ③High cost

EXPRESS TRANSFER CHART



2.3 packaging cost

In order to better protect the integrity of goods, logistics enterprises have to pay about 1 yuan for packaging goods, and more than 40 billion rmb of carton costs are wasted in the industry every year.

2.4 customer selection

There are no more or better choices for customers to send goods by post. The speed of traditional logistics has been acquiesced. Nothing but the choice of corporate services and the principle of proximity.

2.5 sales system

Traditional logistics enterprises cover the principle of acquiring customers with branches and have always been the business basis of logistics enterprises.

Charge between 10 and 20 rmb for small package.

2.6 logistics cost

The traditional logistics cost consists of salesman, packaging cost, transfer station point, transportation cost, enterprise tax and enterprise management. Although each link has a different cost. However, in the super industrial cluster, the business volume is large enough for enterprises to gain huge profits.

Example: take shentong express for example, the express business volume in 2017 accounts for 15%, the revenue is 13.06 billion yuan, the profit is 24%. The annual turnover of sf express is 71.094 billion rmb.

3. Swifts Express solutions

We will take high-speed railway as the carrier to build a new logistics ecosystem. Reduce logistics transfer process, adopt direct circulation mode, with high speed flow, two end point to point for customer home service as the principle. Secondly, speed is the pursuit of all. We will change people's cognition with the service that must be delivered within 24 hours.

Speed is the basis of the competition in the express industry, and it is also the leverage to change the balance of the logistics industry. For example, sf is the fastest, so it ranks first.

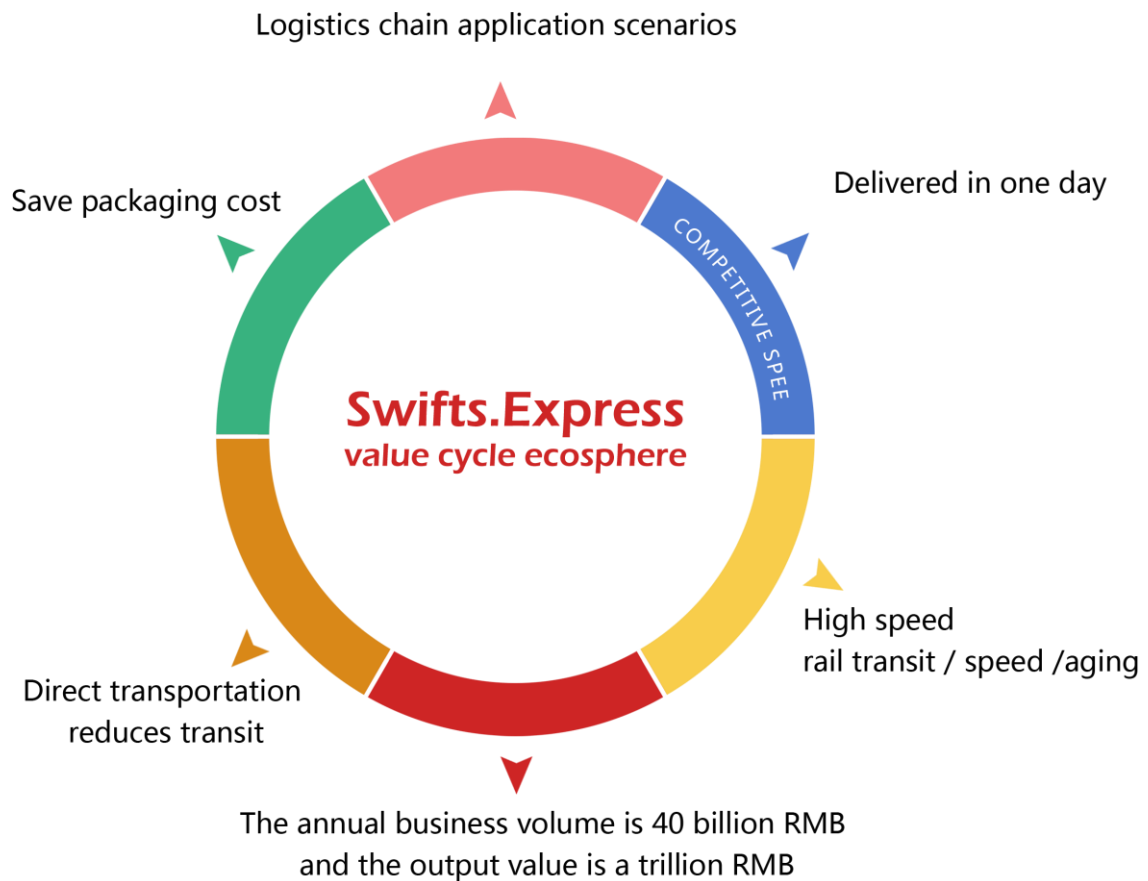
With the development of high-speed rail, swift.express will break the balance of Express industry, gain market recognition with speed, and ensure customer satisfaction and business volume with two terminal services.

China's high-speed railway, with eight vertical and eight horizontal lines, can reach all cities within 10 hours at a speed of 350km/h. Swifts.Express has achieved the absolute first speed in the logistics industry through high-speed railway speed. This is due to the cooperation of high-speed rail and the new business model, so that we are in no man's land development, unstoppable.

3.1 opportunity

This is a business opportunity arising from the rapid development of high-speed rail, which will be followed by the strongest mode of business competition, because it can completely solve the speed and cost of the logistics industry.

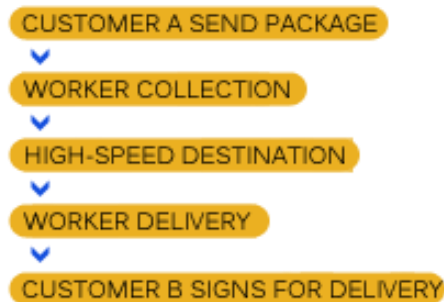
Swifts Express is attached to high-speed railway and fully realizes the commercialization and scale of high-speed rail logistics. Through the coverage of the high-speed rail network, we set up business outlets to better serve the masses.



As shown in the above, logistics chain has unparalleled advantages, and self-built ecological application scenarios will bring real block chain value.

3.2 transportation process

SWIFTS.EXPRESS TRANSFER CHART



As shown in the figure, our services to our customers will not be limited to transit and quantity of goods, but will be subject to mass transportation control costs. Thus, the efficiency of the whole logistics transportation is raised to the highest point.

3.3 packaging cost

The model of direct circulation will ignore the problem of loss of circulation directly, so as to reduce the cost of packaging completely and create more profits at the same time.

3.4 operations

Our service fee will be in the same industry standard pricing (10 ~ 25 yuan), the difference is the speed of our 2-3 times that of the traditional logistics enterprises, the two of us the will of the humanist service of termination point to point directly to business.

The new logistics ecosystem we have built is the key to changing the balance of the industry, and it is also the necessary solution for customers. The improvement of the whole service system will be the basis for the rapid development of the project.

At the same time, we will also set up business outlets in cities without high-speed rail. Influence the market with effect, solve with high-speed rail + car transportation solution, make whole ecosystem operation system more complete.

Swifts.Exoress is grounded in Swifts, which involves too much business privacy and operational detail. But our growth will eventually become a trillion-dollar business.

3.5 the profits

With Swifts.Exoress in place, our advantages can reach at least 20% of the market and more than 20% of the profit in the industry competition.

Express business volume: 40 billion * 20%=8 billion;

Revenue: 8 billion yuan x 20 yuan =160 billion yuan, net profit 40 billion rmb.

3.6 prospect

Swifts.Express competes in the market at a rapid speed, and there is no doubt that the advantages and industry balance favor us. In the future development will obtain the unique grand situation, at the same time, the brand new ecology we build is what customers are pursuing.

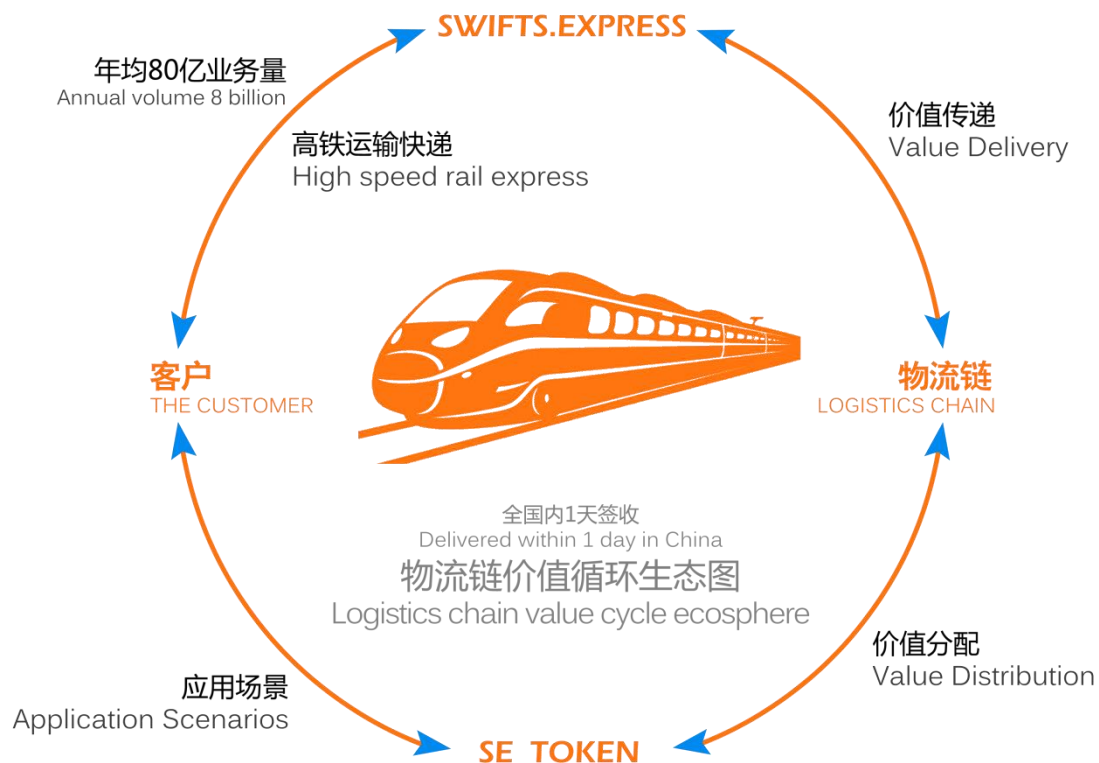
3.7 incentive mechanism

As an important application scenario of logistics chain, SwiftExpress will allocate 50% of its annual profits to stimulate the development of logistics chain, so as to ensure the continuous growth of the value of SE Token.

3.8 ecology & application scenarios

As future SwiftExpress fall to the ground and the development of the logistics chain is complete, we will map points distributed to ecological users, to use SwiftExpress mail Courier service and the surrounding scene, and cost will be produced by using integral enterprise.

4. What is SE (Swifts Express Token)



4.1 introduction of SE

SE currency (Swifts Express Token) is the world's first self-built entity application scenarios and Token of real value, based on block chain and intelligent network technology based on contract, project operation and design of digital encryption according to logistics chain of virtual currency. It and the economic system designed around it are designed primarily for distribution to the global blockchain consensus. On this basis, services will be provided to various participants from different cultures, countries and languages around the world based on an open ecological environment.

We organize the SE currency project as a "club", and we will set up a Swifts Express Token (sec.club), a founding club of the SE digital virtual currency, to release it to the ecological future participants. Like other organizations, the SEC has a unified set of rights and responsibilities throughout the ecosystem. The SEC. Club will work with Swifts Express to provide it with block chain application technology and operational solutions to make its SE currency more valuable.

The SEC club is one of the organizations operating around the virtual digital currency ecology of SE.

4.2 SE value

The value of SE currency comes from the application and circulation of real operation scenarios. Swifts Express will use 50% of its annual profits to encourage ecology and buyback, so as to stabilize the continuous growth of SE currency.

4.3 SE advantage

SE currency is also different from the current virtual digital currency. It is the only product of the blockchain that has been de-virtualized and brought into reality. It is completely different from the current so-called blockchain economic ecology.

The blockchain project has no productivity value as its support, and Token foam will be amplified from 0 to 100.

Therefore, only based on profit can the block chain economy develop in a circular way and benefit human beings. Only in this way can digital assets be truly valuable.

4.4SE incentive mechanism

SE currency is an ecological right of logistics chain project, which is irreplaceable. SE currency is the exchange tool of project value, a total of 1 billion pieces, and the system will stimulate around each SE currency. The total number of SE TOKENS issued will never increase based on the emulated blockchain and smart contracts. It's open to the public.

As founding team system, in addition to the initial public offerings, no unique methods and channels to obtain SE TOKENS, can only and all of the participants to the ecological joint efforts to achieve the same stimulus. In organizations involved in ecological management and decision-making, the number of SE TOKENS that have been locked for a long time is the basis for voting to gain a voice. The policy-making committee will be encouraged to hold the SE currency for a long time to maximize the value of its benefits.

4.5SE currency redemption mechanism

After Swifts Express enters the market, the team will purchase back the SE currency in an orderly manner according to the plan, and the annual repurchase rate will be 20% of the total circulation, until the end of all the repurchase.

4.6 economic system

As a project initiated by the founding team, we have the responsibility to develop Swifts Express into the largest ecological application scenario of SE currency.

SE currency as a system of independent encryption digital currency, owner can enjoy around it and set up relevant incentive and application of Swifts Express, at the same time can also through the third party platform open exchange. The SE currency is based on the block chain and intelligent contract based on etheric imitation, and all the accounts are open to ensure the ecological fairness and justice.

4.7. Development roadmap

For the whole development of SE currency, it is the process of the blockchain from virtual to real. As the world's first digital currency with value support, the blockchain industry has been stimulated to develop in a positive way.

4.8 team incentive mechanism

(1) motivation of the founding team

The founding team of Swifts Express, which provides services to the whole ecology through the operation of Swifts Express project, has been granted corresponding token rewards under equal incentive conditions. At the same time, the team's ultimate goal is to one day make Swifts Express the largest application scenario of SE currency.

In the early stage, the team acquired the right to vote and influence by owning a certain proportion of SE TOKENS. After the system matured, the number of SE TOKENS was the only criterion for voting decision. In order to prevent unpredictable risks, the team will design consensus action protocols and necessary protection measures through legal procedures before the system is strong enough.

(2) the policy-making committee

The decision-making committee is the highest decision-making body of SE Token and its ecology, and was represented by the core members of the founding team at the early stage. Founding team will also step by step according to the plan will be held by the early delivery market, and promised through exchanges and other agencies to bid to get the necessary votes proportion, in order to make the public get equal opportunity.

(3) incentives based on eco-service providers

's policymaking committee vote, which is elected by the technical committee, the culture, the ethics committee, the product committees, etc., to establish open and transparent SE currency reward mechanism, thought the SE currency corresponding ecological service organizations, as well as enough tokens, incentives, and by the members of the committee according to provide SE Tokens holdings.

5. Logistic chain LogisticsChain

5.1 summary of logistics chain

The logistics chain system is designed to build Swifts Express to meet the needs of large-scale daily business. The logistics chain enables it to be distributed, encrypted and tamper-proof, so as to ensure the authenticity and security of the waybill data and achieve "credibility, security, efficiency and cost reduction".

Due to the transparent data in flow between parties, the overall system to form a complete and smooth flow of information, this ensures that each relay node in logistics system problems existing in the process of operation, and to find the methods to solve the problem, and thus enhance the overall efficiency of the logistics management.

Data within the logistics chain, logistics, information security, financial, management can avoid disputes directly, between the data of tamper-resistant and timestamp proof for the existence of a trait can be well applied to solve the disputes between the customer and subject system, realize easy to proof and accountability. The combination of data tampering and transaction traceability can eliminate the loss of products in the process of product circulation. Secondly, logistics chain helps to reduce the cost of logistics transit.

In fact, the logistics industry often involves many entities, including logistics, capital flow, information flow and so on. There are a lot of complex cooperation and communication between these entities. Traditional mode,

different entities keep their supply chain information, a serious lack of transparency, caused the high cost, time cost and money problems, collecting and fake goods, etc.) is hard to track down and deal with. By chain block parties can obtain a transparent uniform information platform, can real-time view state, reduce logistics cost, traces the items of the production and delivery of the entire process, so as to improve the efficiency of the supply chain management. When disputes arise, it becomes clearer and easier to provide evidence and track down. The application of block chain technology in the logistics industry improves the security and transparency of transactions.

In the changing market, provide customer need the service is the key to enterprise stay ahead, the future logistics growth need data oriented, by big data algorithm, data visualization technology, intelligent analysis technology and other advanced technology, Swifts Express can greatly shorten the order delivery time, improve delivery efficiency and service quality.

5.2 technical proposal

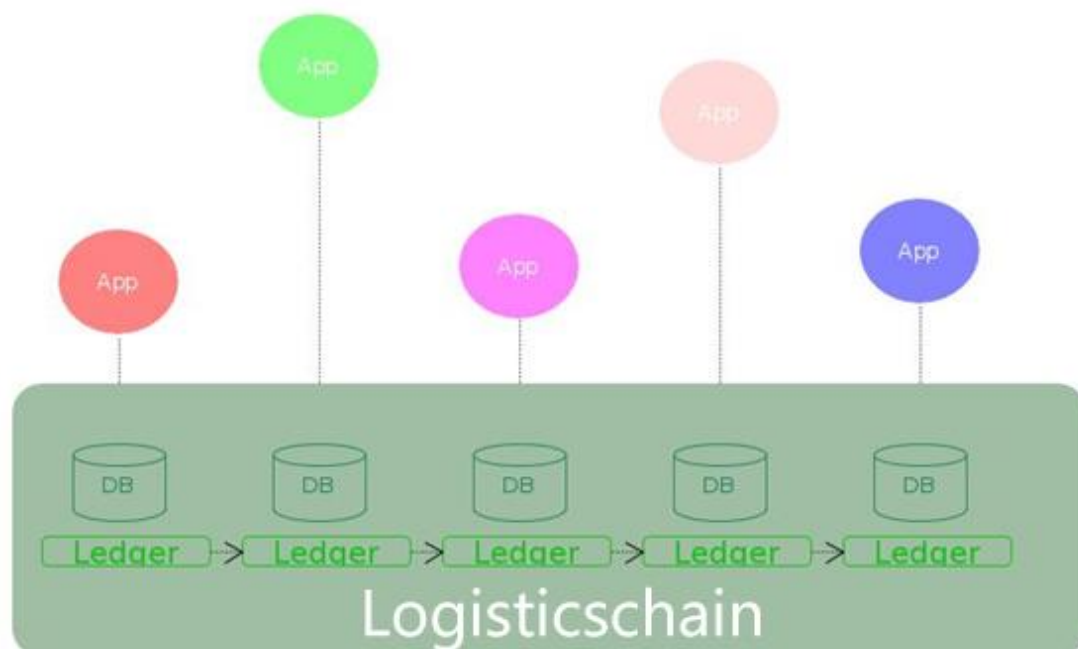
Logistics chain is distributed security, distributed encryption, a distributed forwarding, distributed routing, distributed storage, distributed consensus identity, rights and interests of the distributed management and distributed management integrated after a new computing paradigm, has realized the general labor exchange registration to the society, (labor) commonly pay (labor) and liquidation; Through the registration of confirmation, pricing and delivery contracts for each individual data producer (individual and legal person), as well as the accounting, checking, reconciliation, bookkeeping,

auditing and sales of these processes; While protecting personal privacy and business secrets, it also promotes information disclosure and value circulation.

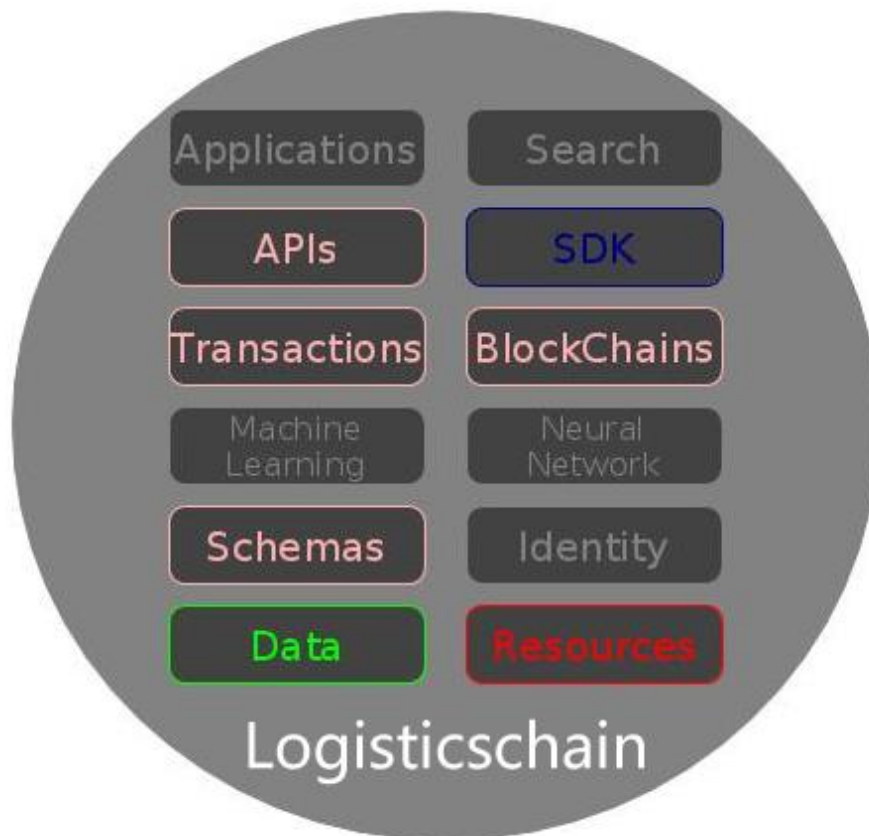
Logistics chain not as existing in the development of various block chain system, it is more like human society in the digital space of infrastructure (soft), on top of this infrastructure, each industry participants can be customized according to your requirements and run their own market.

5.2.1 why logistics chain is needed

Platform as a service is the natural attribute of logistics chain, as a developer oriented service, provide hardware support the platform with the (development), the developer toolkit, deployment toolkit, as well as the common interface, convenient application developers to quickly implement field.



As a service, blockchain is the essential attribute of logistics chain. It can meet the business needs of "general data" for any market producer or consumer.



(1) allow users to access P2P and logistics chain naming networks. We recommend that you use the logistics chain naming network because it not only provides rich service and tool support, but also enables access to data and resources in a urine-like manner.

(2) connect data sources from different systems and register them in a common blockchain account. Create a certificate of contract with verifiable integrity without surrendering custody of sensitive information.

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(3) standardized resource and data management. BlockLabel is uniquely identified globally, adding an identity registry for individuals, groups, and devices, and assigning a universal blockchain ID. Create permissions for users and roles on the network, and implement keykey-based authorization automatically. Protection of industry-leading security of user access based on

PKI and hierarchical deterministic (HD) identity trees. Integrate the organization's identity and authority patterns into the mirroring capabilities.

(4) manage documents, identification and resources. An abstract block chain network is provided to manage the interception of events occurring in the network.

(5) equity management and identification. The equity management module is responsible for tracking and fine-grained access control of any resource, as well as the decentralization of rights after the identification of these resources.

(6) collaboration and visual management. The association between any resources managed and documents or assets associated with their respective identities or connections; Through elegant and flexible management tools and GUI management end, it provides users and partners with multi-party management experience.

(7) transaction visibility. View all blockchain transactions triggered from the application to implement a real, distributed, central portal.

5.2.2 why logistics chain is needed

Pain points

(1) role and digital. Our interactions with companies have grown exponentially. The problem is that every time we interact with a new business, we create a new digital persona.

(2) the problem of isolated island data. These digital characters or identities are disconnected from each other. Split identity to create data islands. And the islands can't talk. This data sharing problem increases costs due to manual reconciliation, loss of time, and loss of records. The inevitable disasters are: mistakes, waste, fraud and abuse.

5.2.3 solutions

(1) we create global identifier BlockLabel, will belong to someone with the asset data link together, eliminating the time-consuming consumption conflict, provide real-time transparency, reduce risk and create better results.

(2) digital identity management. Allows us to register digital identities worldwide.

(3). A Shared infrastructure for data exchange and exchange has been created for multiple enterprises, organizations, groups and individuals.

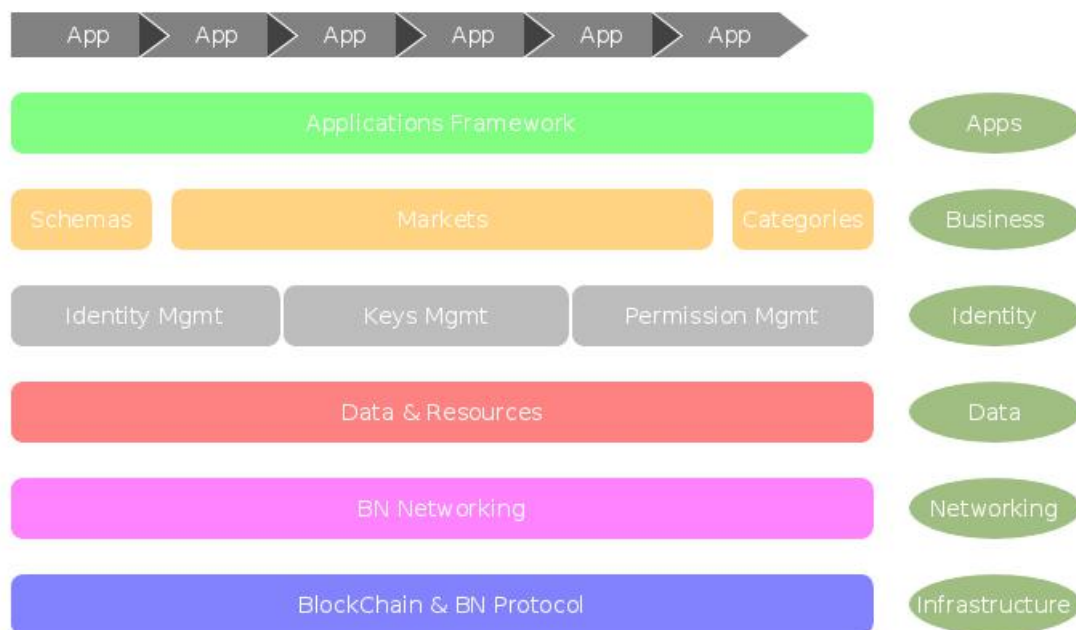
(4) automation. New automated processes and workflow.

5.2.4 logic stack

Cloth type basic elements of the application of advanced abstraction, to simplify the extension, adapter and the logic of application development stack

Logistics Chain--World's First Real Value-Based Blockchain Project

is divided into: (1) block chain and logistics chain protocol layer, network layer, (2) logistics chain layer (3) the data resources, (4) the identity rights layer, layer (5) business market, the application framework layer (6). Use well-defined and well-managed microservices to encapsulate functionality, isolate sensitive data, scale up responses quickly, and provide a framework for future improvements. Speed is important, but it's also moderating. An event-driven architecture to build a responsive system can provide support for alternative operating modes. In a powerful, easy-to-understand programming environment.



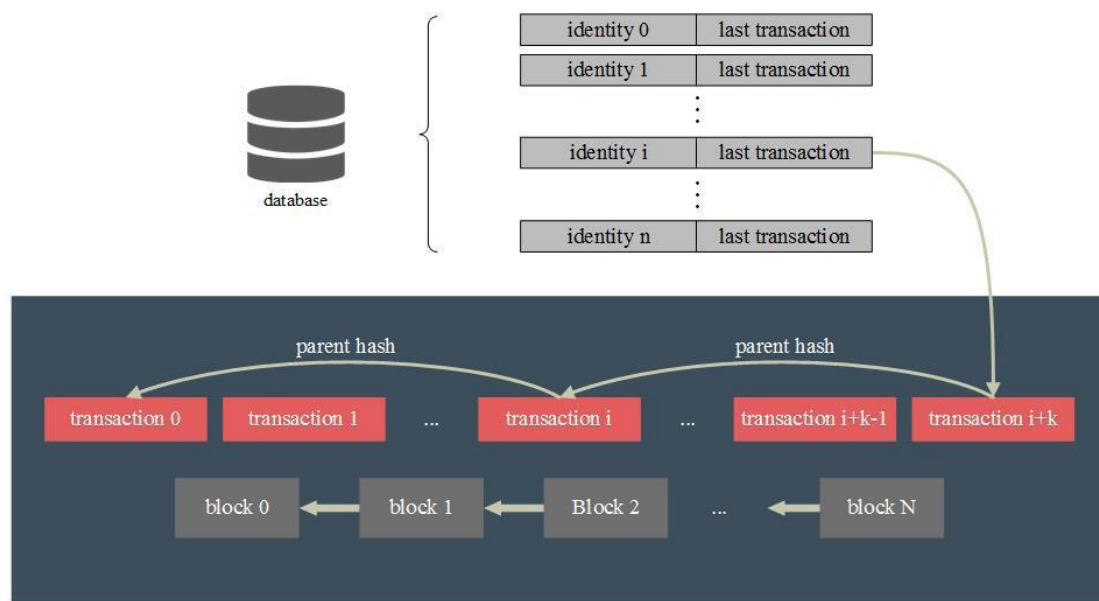
5.2.5 performance and hardware

External hardware provides a good support to overcome the existing of all performance, can with the increase of the application of special hardware and wire speed performance, achieve wire-speed forwarding and 1 million seconds/S speed, and can continue to increase line-speed way.

5.2.6 optimize mathematical algorithms to improve system concurrency

Logistics chain double - chain data storage strategy. In the case of single point file system database failure or data loss, the hashing data on the chain

can be used to realize the fast traversal of blocks. Also, multi chain assemble structure, efficient scheduling strategy, control algorithm, optimized the etheric fang difficulty in view of the massive data analysis, provides the 1 w deal/SEC high concurrency storage capacity.



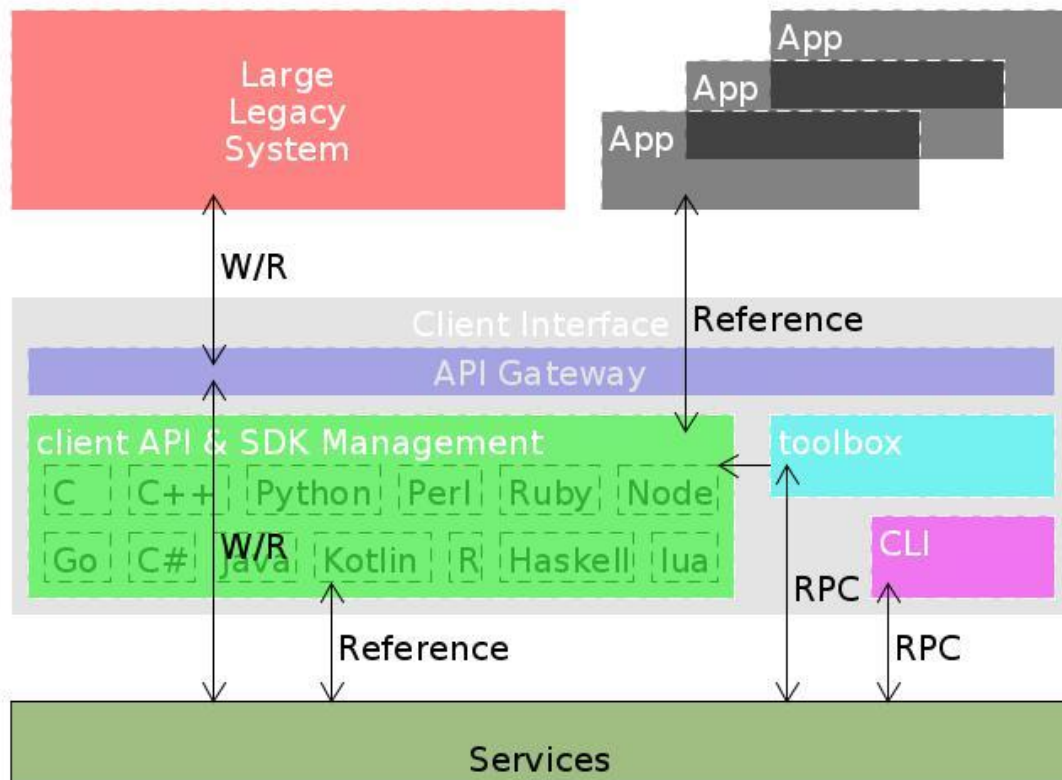
(6th pic double-chain data storage strategy)

5.3 logistics chain ecology

A platform is an open platform between developers and non-developers to build, deploy, and run blockchain based applications for a business ecosystem. Use the legitimate smartcontract-based SDK to speed up your launch time with complex ecosystem applications. The main functions include blockchain, intelligent contracts, and distributed storage technologies to share data, eliminate redundancy, and communicate more effectively with other participants in the business ecosystem. Application oriented platform. Through, you can take advantage of the enterprise, mature, free and open source applications platform, using the best modular components, fast construction and the existing system and infrastructure in good running application ecosystem.

5.3.1 ecological architecture

In the whole logistics chain ecology, service providers are logistics chains, and service users are divided into two categories. First, medium and large scale business system; Second, general end users, such as mobile phone, PC or personal workstation;



5.3. 2 formats

Logistics chain makes every industry participants can be customized according to your requirements and run their own market, such as distributed electricity IP, intellectual property and copyright issue, distributed autonomous organization, self-service social software, distributed electrical business, access to thousands of trillions of objects networking equipment. Its emergence will bring new finance, a better society and a digital economy in a digital society.

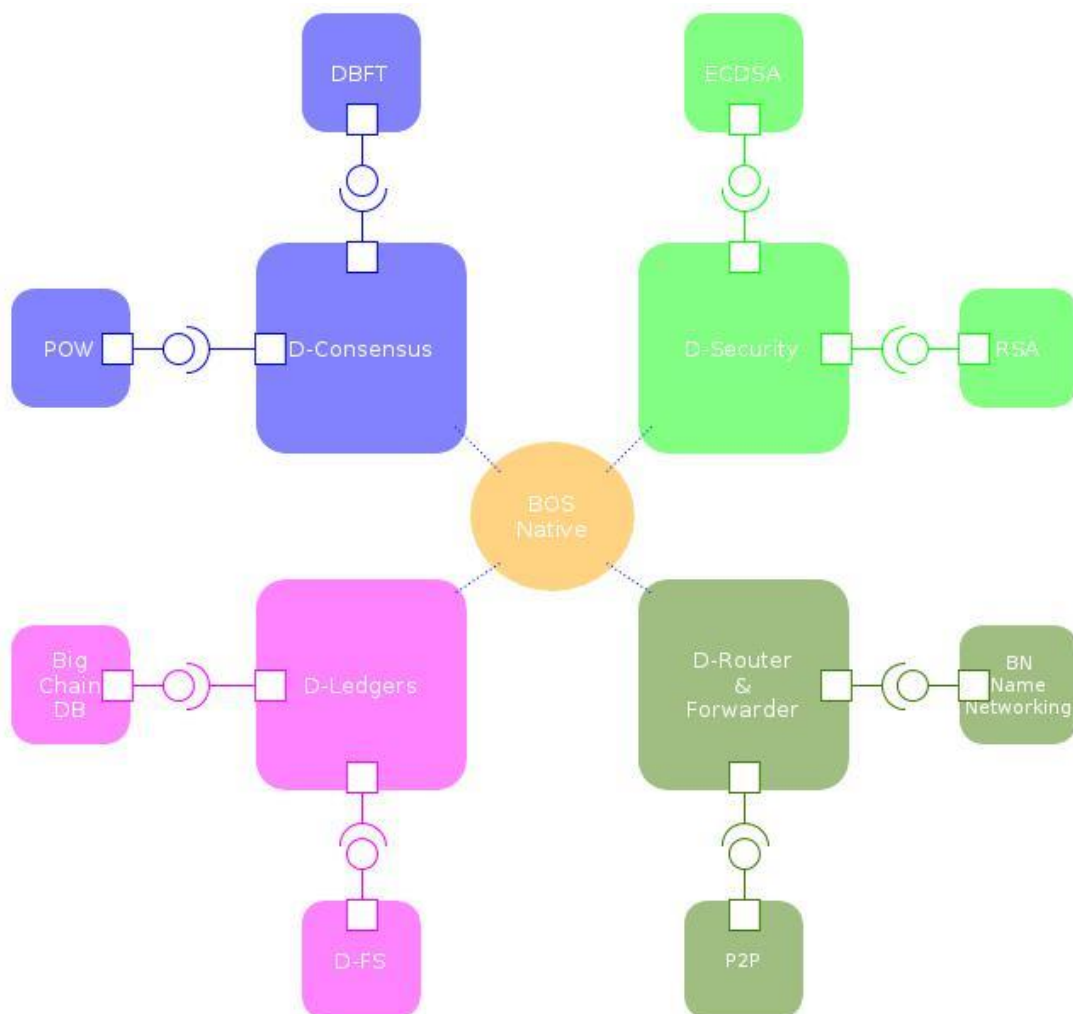
5.3.3 ecological composition

(1) comprehensive platform. Contract subsystem, record and event cache, block chain management tool set, intelligent contract package management tool set, multiple consensus algorithm scheduler, full application access management subsystem, etc

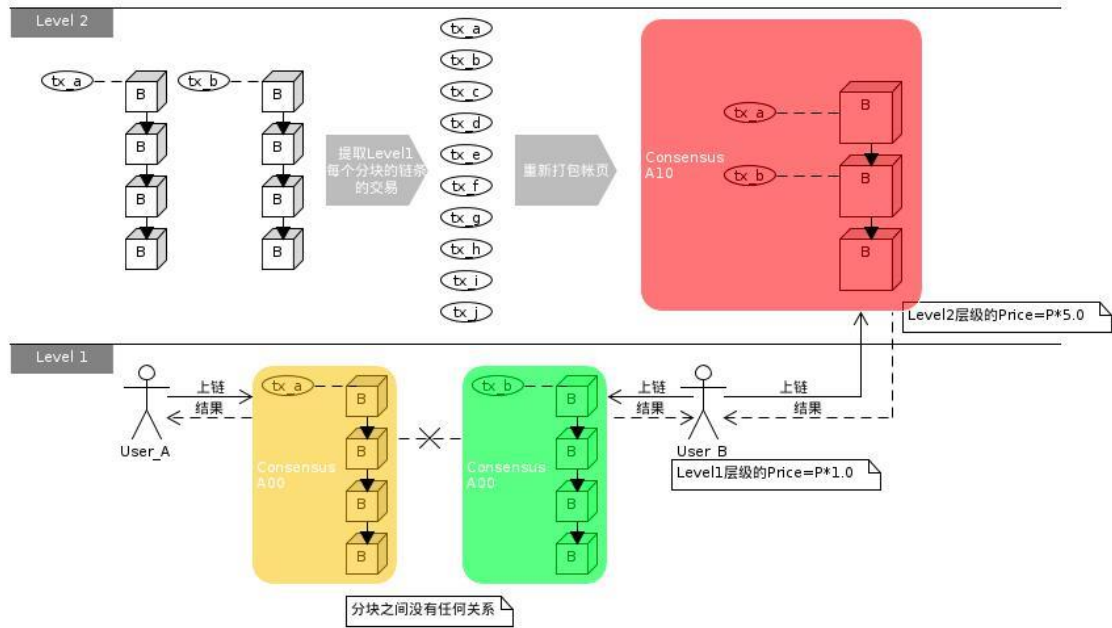
(2) development-oriented. There are two main types of interfaces, one is application oriented development, the other is platform oriented service. For application development, a complete set of SDKs is provided. Platform oriented services provide a set of APIs.

(3) plug-in computing platform. Distributed consensus, distributed encryption, distributed storage, distributed routing forwarding as a "plug-in container." In other words, distributed consensus allows any consensus and consistency algorithm to be accessed as a plug-in. Similarly, distributed encryption also allows access to various encryption algorithms. Value of stress is distributed storage, allowing the traditional storage model, as well as the current models of all kinds of large data storage, different is, however, these storage model in the form of a plug-in access, and combine with chain/the block chain store model; For distributed routing and forwarding, it not only has an independent set of logistics chain communication paradigm, but also allows IP network and IoT network to connect smoothly as plug-ins

Into the. The following is a logical diagram of the plug-in computing platform.

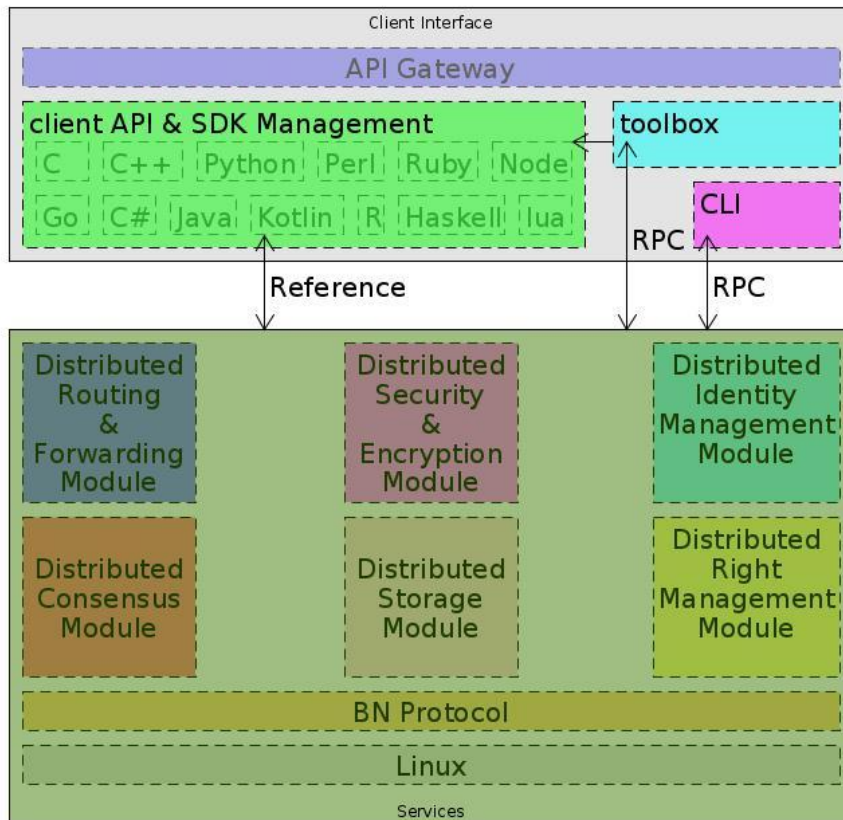


(4) market stratification. The large capacity, high concurrency and high load logistics chain market is the main part of the whole ecology, which is reflected in the layered and segmented design.



5.4 system architecture

The architecture of logistics chain consists of two parts: service and client access; Including logistics service chain based protocol implementation, distributed security, distributed encryption, a distributed forwarding, distributed routing, distributed storage, distributed consensus, distributed rights management and distributed identity management; Client access includes API gateway, application development interface, logistics chain toolkit, logistics chain integration command line tool.

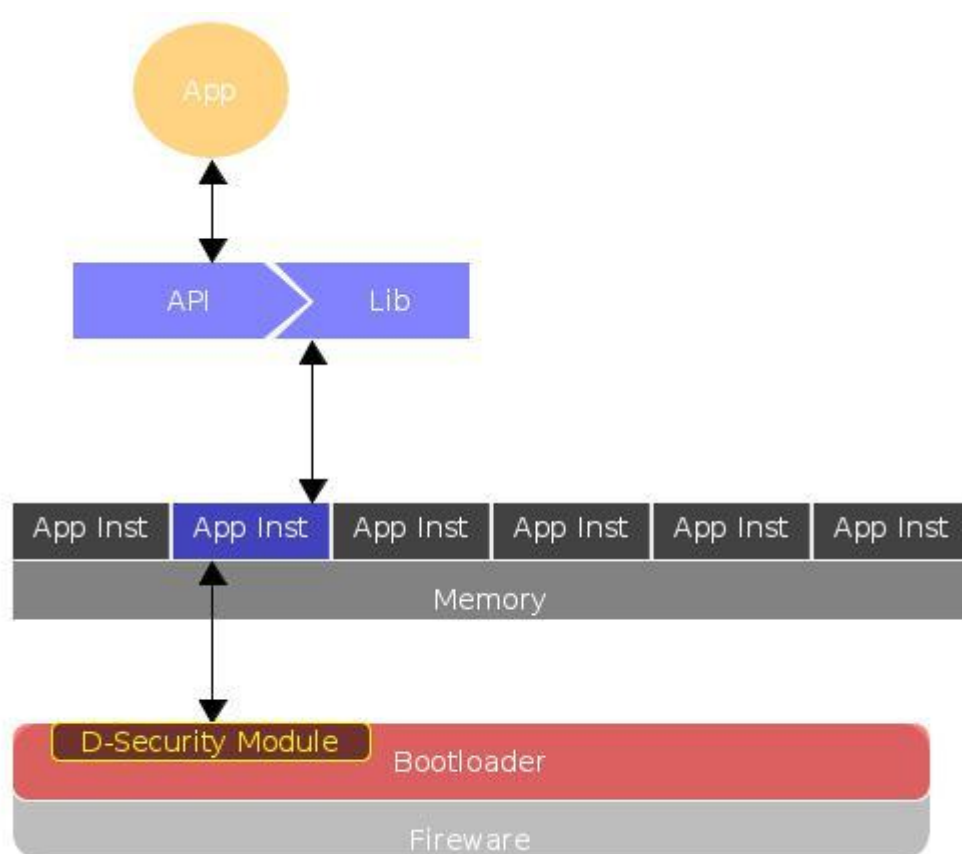


- (1) connect to any Blockchain network. Create flexible applications that can accommodate different protocols, such as Ethereum, Hyperledger, etc. Run block chain nodes of different sizes and functions to meet your needs as validators or read-only participants. In addition, you can connect to one or more protocols.
- (2) connect to any data store. Connect data sources from different systems and register them on a common block chain. Create a certificate of existence with verifiable integrity without handing over sensitive information.
- (3) standard resources represent BlockLabel. Attach an identity registry for individuals, groups, and devices, and assign a generic block chain ID. Create permissions for users and roles on the network, and implement keykey-based authorization automatically. Protection of industry-leading security of user

access based on PKI and hierarchical deterministic (HD) identity trees.

Integrate the organization's identity and authority patterns into the mirroring capabilities.

(4) access control. Attach an identity registry for individuals, groups, and devices, and assign a generic block chain ID. Create permissions for users and roles on the network, and implement keykey-based authorization automatically. Protection of industry-leading security of user access based on PKI and hierarchical deterministic (HD) identity trees. Integrate the organization's identity and authority patterns into the mirroring capabilities. Exploratory security isolation design, embedding security modules into firmware so that each application can only access its own memory area and run in user mode. This module allows pluggability, which is off by default



Module composition:

- (1) dedicated security input/output module;
- (2) implement the encryption block of low-level encryption primitives;
- (3) d-identity and d-permission implement the d-security user layer interface;
- (4) soft mode and hard mode. By default and when there is no firmware identification number, the module is in soft mode.
- (5) the application layer implements the endorsement block of d-security certificate;
- (6) user interface block for user existence and confirmation;

5.4.1 level

- 1) the base layer (InfrastructureLayer), is based on, MacOSX, Windows, Linux, FreeBSD, iOS and Android general operating system platform (ServicesLayer),
- 2) the service layer is the realization of the basic agreement [*], and distributed security, distributed encryption, a distributed forwarding, distributed routing, distributed storage, distributed consensus, distributed rights management and distributed identity management subsystem (3)
- customer service layer (ClientsLayer), Contains the whole stack SDKs, toolbox, configuration management module, user access the CLI command line and GUI suite (CoreApps), 4) the base application based on routing forwarding module HTTPServer (Nginx/Apache), based on the routing forwarding E-mail

application (ChallengeEmail), streaming media based on routing forwarding (routing forwarding + gstreamer), etc

5.4.2 logistics chain agreement

The registration, payment and liquidation of social general labor exchanges have been realized. By registering the confirmation, pricing and delivery of contracts for each data producer entity (individual and legal person), as well as the accounting, checking, reconciliation, bookkeeping, auditing and sales of these processes.

5.4.3 distributed routing and forwarding

Distributed routing and forwarding based on named network is a complete new communication model centering on naming. This module includes routing services, forwarding services, development frameworks, toolkits, and integration service command lines.

5.4.5 distributed security and encryption

This module includes software and hardware encryption scheduling services, algorithm libraries, development frameworks, toolkits, and integration service command lines.

5.4.6 distributed consensus

This module includes synchronous services, billing source services, wallet services (collaborative identity management), blockchain management

services, development frameworks, toolkits, and integration service command lines.

5.4.7 distributed storage

This module includes distributed database services, distributed file system services, development frameworks, toolkits, and integration service command lines.

5.4.8 distributed identity management

This module includes identity management services, identity synchronization services, identity registration services, development frameworks, toolkits, and integration service command lines.

5.4.9 distributed equity management

This module includes an equity management service, an equity request service, a development framework, a toolkit, and an integration service command line.

5.4.1.1 the token currency mechanism

5.4.1.2 overview of tokens

Logistics chain supports public chain, alliance chain and private chain; In particular, in the case of public chain, it is necessary to maintain the operation of the entire logistics chain network. The built-in Token of logistics chain is SE(logistics chain Token), which is used to reach consensus of logistics chain

network, charge for bookkeeping and storage, and realize economic incentive to bookkeeper.

5.4.1.3 token economy

The maximum amount of SE(logistics chain Token) is 1 billion yuan of logistics chain SE. The bookkeeper can still get economic incentive through transaction fees. A limited aggregate and no additional issuance created an anti-inflation model of token money supply.

5.5 consensus algorithm of consensus module

5.5.1 consensus strategy

The consensus strategy will be flexible and support multiple consensus algorithms. Specific consensus algorithms will be selected by modifying the system consensus parameters. Upper creative market customers can choose specific consensus algorithms according to their business characteristics

1. Public link: PoW(ProofOfWork) workload certificate, PoS(ProofOfStake) equity certificate, and DelegateProofOfStake certificate
- 2, league chain: PBFT (PracticalByzantineFaultTolerance) practical Byzantine fault tolerance, the BFT - RAFT, algorand algorithm
3. Private chain: the traditional distributed consistency algorithm (Paxos, Raft) is described below

5.5.2 public chain

5.5.3.3 DelegateProofOfStake certificate

Similar to the voting mechanism of the board of directors, n accounting nodes are elected, in which the proposal submitted by the sponsor is voted by these accounting nodes to decide who is correct. DPoS is the upgrade of PoS and requires tokens.

5.5.4 league chain

5.5.5 PBFT (PracticalByzantineFaultTolerance) practical Byzantine fault tolerance

PBFT is a consistency algorithm based on messaging. The algorithm achieves consistency through three stages, which may be repeated due to failure.

Allow 33% of nodes to do evil. PBFT and its improved algorithm are called the most commonly used alliance chain consensus algorithm because it is especially suitable for application scenarios of alliance chain

5.5.6 BFT - RAFT

The improved algorithm combined with BFT Byzantine fault tolerance and raft algorithm has both BFT fault tolerance and raft efficiency

5.5.7 algorand algorithm

Algorand algorithm is based on BA Byzantine protocol, which USES BA, so algorand will not have bifurcation problem. There are improvements, of course, mainly based on such considerations as node substitution/efficiency.

The BA protocol was first proposed for a fully synchronous (SC) network, but Algorand simplifies the BA protocol.

The basic model is as follows:

1. A randomly selected node (leader, main node) proposes and generates a new block.

First select a small number of potential primary nodes and then, within a controllable time range, select the primary node

Part 2, and randomly selected node, on the master node, Byzantine agreement reached new blocks in every step of the Byzantine agreement, participating nodes are independent, each node is the same consensus of blocks, the nodes of the signature by a given amount of participation in consensus

5.6 private chain

5.6.1 Paxos algorithm

A typical example of Paxos being used in distributed systems is Zookeeper. Paxos is the first proven consensus algorithm. Traditional distributed algorithm, all nodes can be trusted. Second level consensus verification;

5.6.2 Raft algorithm

Raft algorithm is a simple implementation of Paxos algorithm. Traditional distributed algorithm, all nodes can be trusted. Second level consensus verification;

5.6.3 innovation of Hash mechanism

Logistics chain has two compatible block chain architecture systems

1. Hardware architecture system: logistics chain block chain hardware equipment (BAAR, BSDR, BCR)

2. Software architecture system: logistics chain

The logistics chain can operate independently or on the block chain hardware equipment of the logistics chain.

Recommend + logistics chain logistics chain block chain hardware scheme, combined with the hard and soft of logistics chain when using the program automatic identification system hardware, hardware accelerated engine, depth in hardware and software's potential performance, increase block chain system performance:

1. Hash calculation

1.1 hardware calculation: GPU programming (openCL, CUDA), FPGA programming (Field)

ProgrammableGateArray), ASIC programming (ApplicationSpecificIntegratedCircuit)

1.2. CPU calculation: X86 system and MIPS system

2. Encryption and decryption calculation. Use the encryption and decryption board card to improve the encryption and decryption performance

5.7 application access

It aims to be a simple modular distributed block chain/block chain platform.

Our vision is that in the future, there will be fewer separate projects and

fewer rich, optional, and coherent component libraries to run on logistics chain networks or plain IP networks. The goal is to eventually provide the following encapsulated API components. Rich more stack development, including C/C + +, Java, etc for senior developer 1) distributed consensus development libraries (2) digital signature library (3) the Hash algorithms library 4) transaction serialization 5) API service framework library 6) communication protocol adapter

5.7.1 WebService and Explorer

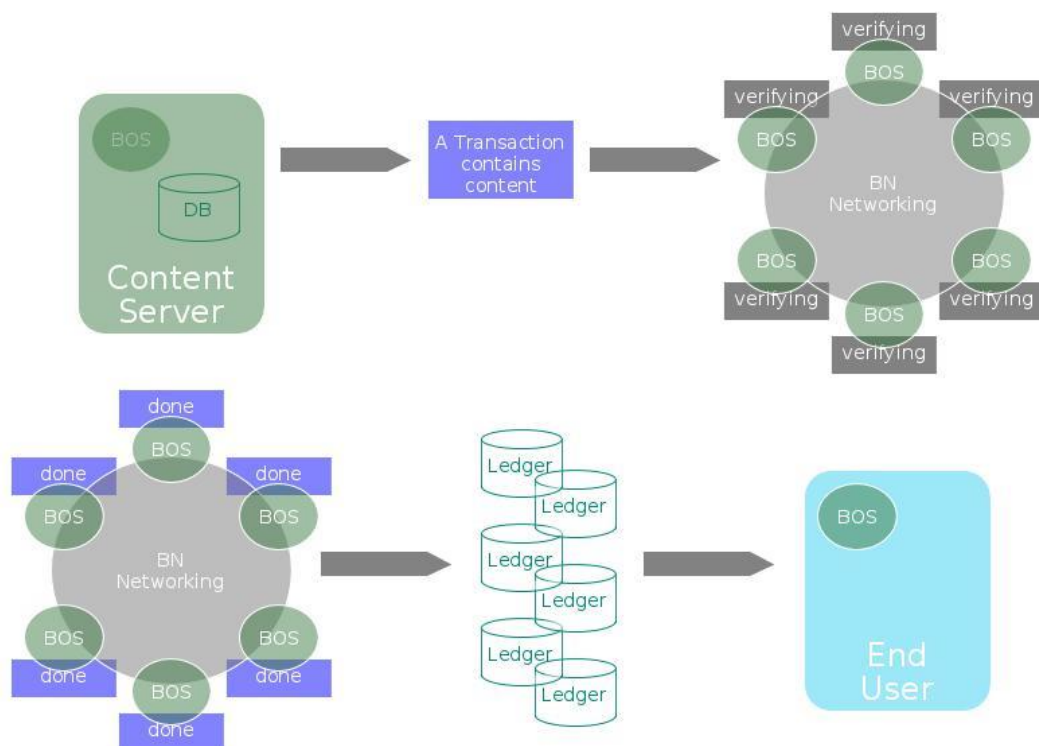
The information system and architecture of the Web have been destroyed, so who can save it? The answer is yes, blockchain/blockchain.

HTTPS is not secure. Because, like most "secure" communication protocols, it is vulnerable to undetectable public keys instead of MITM attacks (for example, AppleiMessages). Internet users don't have online identities. Such Internet protocols raise questions about whether DNS and x.509 are secure. WebService has the following functions:

- 1) multiple data centers. The architecture enables us to run redundancy and low latency across multiple data centers.
- 2) API. Easy to use WebAPI (REST) enables developers to build blockchain Web applications quickly and confidently.
- 3) distributed infrastructure. Modular distributed optimization architecture is enterprise-class, scalable, performance and reliability.

4) stable multiple data storage. Maintains a set of distributed databases containing all transaction data for the entire block chain.

5) managed the complete block chain node. The full node block chain is managed to verify and relay the best security of transactions.



5.7.2 the Internet of things

Distributed accounts based on blockchain can provide trust, ownership record, transparency and communication support for the Internet of things. Localize the synchronization of accounts to ensure the security and uniqueness of facts; Time stamp is added to all Internet of things transactions on the block chain to ensure the availability of traceability. Intelligent contract in the Internet of things communications implementation of the business provisions

of the act; One of the biggest drawbacks of the Internet of things is that security standards are not in place, but blockchains with advanced encryption technology can solve security problems. In addition, the core components of intelligent automation must first return to "data" in this sense. In the final analysis, who can master the "data" of the equipment in the field, who can master the basis of the intelligent generation system, and master the intelligent frontier.

(2) supply chain. Data is moving the world at a brisk pace. Companies and organizations that use complex supply chains to provide goods and other assets have difficulty accessing the vast amounts of data generated by the Internet of things (IoT). Ledge-based software platforms have improved "collective intelligence" or DataIQ from previous data. A vertical and multidimensional view of assets, whether in cars or carbon credits, can reduce operating costs and improve the efficiency, accuracy and transparency of global supply chains. Now your tissue can also move at the speed of light.

6 the conclusion

Logistics chain is the next generation Internet infrastructure platform system, USES the production load distribution, stratified and partitioned data, and the data registration approval, to release pricing through market circulation layer, support data transaction contracts on behalf of the rights and interests of the market participants identity layer, so as to realize the trust next generation Internet. Based on the core elements of the logistics chain, participants in any industry can create a block chain community of their specific industry and

form an ecology. For the original data producer, it will be an effective producer of market value creation.

6. Exchange rules

In order to effectively motivate community builder and participants, the implementation platform ecological growth, and be able to make all of the participants can use Dapp unbounded application in ecological, logistics chain distribution platform of SE scrip.

Currently, SE will be issued under the ERC20 agreement of itaifang to enable all participants to participate in the construction of the community as soon as possible and to accept the participation of wider itaifang community members. As logistics chain of ecology and community, we will in the main online according to established rules, all based on Ethernet fang ERC20 SE tokens to logistics chain native currency, the protection of the rights of all participants.

Logistics chain is an ecological platform built by entities, which will carry the frequencies of hundreds of millions of businesses in the future. SE is an important traffic Token of the platform. With the continuous growth of the number of users on the platform and the sustainable development of ecological economy, the value of SE will continue to increase.

The number of SE TOKENS totaled 1 billion, with a total of 500 million (50%) issued, of which another 500 million (50%) were locked, as detailed in the rules. The total amount of 1 billion SE TOKENS issued by the logistics chain is as follows:

Logistics Chain--World's First Real Value-Based Blockchain Project

The proportion	SE Amount	Allocation plan
45%	450 million	Lock reserve for entity landing project release.
5%	50 million	Fund
5%	50 million	Team incentives
5%	50 million	Project promotion
10%	100 million	Private Equity
15%	150 million	Pre-sale
15%	150 million	Public Offering

Money To Use

Project Construction
20%

Operating Data
15%

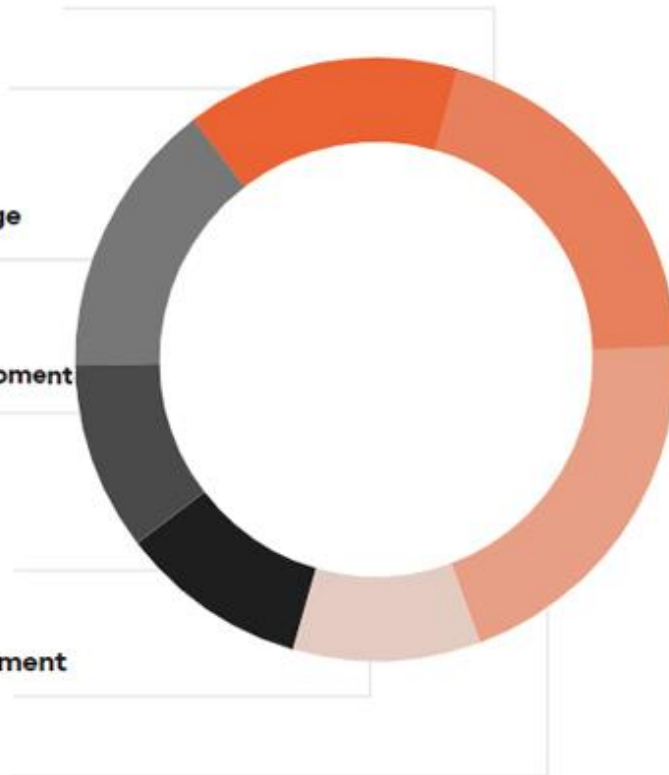
Application Coverage
15%

Core Platform Development
10%

Project Promotion
10%

Operations Management
10%

Market Operation
20%



7、Team introduction

Main Members



Han YanNan

The Founder

Serial entrepreneur, senior marketing master, graduated from Harbin Institute of Technology.



Liu Wenle

Chief technologist

Blockchain expert, Oxford University



Wang Yu

Marketing director

Senior marketing, many years of experience in physical operation.



Zhou Peng

Design director. Co-founder

Chief design officer with years of product experience.



Huang YunFeng

Famous e-commerce expert

Have 10 years of experience in logistics industry, graduated from Taiwan JiaoTong university.



Li HePing

Big data expert

10 years of Internet experience, graduated from Fudan University.



Alexis Rakocovic

Blockchain technologist

Have extensive computer knowledge, software architect.



Andrew Irwin

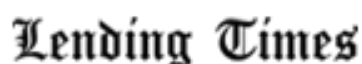
Blockchain technologist

Serial entrepreneur, programmer.

Investment Adviser



宝二爷
Bitangel



8. Laws and regulations

8.1 operation subjects

Swifts Exprsee is funded in part by the Swifts foundation in Singapore. As an independent company, Swifts Express operates in accordance with the laws and regulations. Citizens of countries that prohibit the sale of tokens are not allowed to participate in the exchange of tokens.

The Swifts team set up the Swifts Express Token Foundation in Singapore, whose main task is to manage Swifts Express operations in an open, fair and transparent manner. Swifts team believes that "decentralized organization vitality than central control of the organization, this is the ultimate form of human society", so the SE currency on the first day of the birth, it belongs to the society as a whole, rather than some centralized organization profit tools. Support the project development team and manage the construction of SwiftsExpres. SE currency foundation will be approved by the

Singapore accounting and business management area (ACRA) was established, the Singapore company law regulation, the foundation by qualified by have commissioned by the foundation trustee board or management committee, consisting of independent management operations and independent of government. Singapore is famous for its stable and sound legal, financial environment, in accordance with the Singapore law, the foundation is to support or participate in the activities of the public interests or private interests, and do not have any commercial interests legally established organization. The "profits" made by the foundation, known as surpluses, will be distributed directly to the holders of the SE currency in the public interest, rather than to its members. The Swifts team sets up root services and their legal content review committees in each country to ensure that content within the country complies with local laws, regulations and culture. On the basis of legal compliance, cultural styles are defined by the center according to their respective cultural definitions, which are defined by the center as belonging to its ethics and culture review committee.

8.2 governance structure and voting

To make SE currency foundation on the premise of open, fair and transparent and reasonable use of foundation capital, resources, continuously promoting the rapid development of the SE currency, extension Swifts Express fall to the ground of the project, make its ecological value.

Policy-making committee

Policymaking committee is the highest decision-making body of the SE TOKENS, take final decision function, decision-making committee, seniority is responsible for foundation, strategic planning, annual plan, budget and other major issues for review and approval, and on behalf of the foundation ecological major issues on the SE currency vote.

Everyone have some tokens, appoint a qualified technical director to join as SE currency service technical review committee, and for members of the committee set annual reward N tokens (not detailed rules, only for example) the reward mechanism, in order to reward its for SE currency related technical services to provide audit services.

Chief executive officer

The CEO is elected by a vote of the policy-making committee and is responsible to the policy-making committee. Chief executive committee will organize the implementation of a comprehensive decision-making relevant resolutions and regulations, be responsible for the daily operations of Swifts team, complete the order of the indicators, and will report to its implementation on a regular basis. Chief executive officer shall have the right to form the necessary functions, group of management personnel, responsible for technology research and development, product design and production as a whole and ecological operation, marketing, financial

audit five departments such as business, formed a centered on its organization and management system.

Technical department

The technical r&d department is responsible for the development and review of the underlying technologies and is the basic department of the foundation. In order to ensure the information communication within the team and keep pace with each other, the technical r&d department should exchange information with other departments, timely adjust and communicate project details, and determine the r&d direction of the next stage.

Products division

Product design and production department responsible for the technical department to provide product framework for enrichment perfect, establish substantial and can be a sustained development strategy, including market research, to plan as a whole of product function, and take the SE currency team UI design, image design, etc. Members need to keep abreast of the dynamics, hot spots and feedback of the community, actively communicate with the holders of tokens, and hold technical exchange meetings on an irregular basis.

Operations department

On the basis of the technology and products division, the operations department in charge of the whole ecological construction, the work

extends to the depths, actively cooperate with Swifts Express project, closely linked together, thus can make SE currency fund Swifts Express operations. Secondly, build the internal ecological circle of the community, and form a benign interactive, free flow of information and fully symmetrical user community.

The Marketing Department

The Marketing Department is responsible for promoting Swifts Express's core and services. Responsibilities include but are not limited to contacting media cooperation, advertising, and designing user interaction. The department will work closely with the ecological operations department to develop the most appropriate publicity plan according to Swifts Express construction requirements.

The financial department

The finance department is responsible for managing the financial affairs of the whole company, including fund management, accounting and cost control. At the same time, due to the high risk of digital asset projects, the department is also responsible for risk control business, and will cooperate with other departments to analyze and evaluate the operation and financial risks of the project. In terms of auditing, it is difficult for the existing system to effectively supervise the special nature of digital assets and tokens. The policy-making committee will employ professional auditors with relevant

experience to ensure the openness and transparency of the use of SE currency.

9. Risk reminder

Ending policy risks

At present, the country's regulatory policy on block chain projects and swap financing is not clear, and there is a certain possibility of loss of participants due to policy reasons. Market risk, if digital asset value is overvalued market as a whole, will increase the investment risk, the participants could expect to swap the growth of the project is too high, but these may not be able to achieve high expectation.

Ending regulatory risk

Digital assets, including SE currency trading has a very high uncertainty, due to the digital asset trading is still lack of strong regulation, thus electronic tokens exist in slump, risk by banker manipulation, and so on and so forth, if the lack of experience, after the individual participants in the market may find it difficult to resist the market instability caused by impact assets and psychological pressure. Although academic experts, official media and others have sometimes given Suggestions on prudent participation, there are no written regulatory methods and provisions, so it is difficult to effectively avoid such risks at present. It is undeniable that in the foreseeable future, there will be regulations to restrict the regulation of blockchain and electronic tokens. If the sector is regulated by

regulators, the tokens purchased during the swap may be affected, including but not limited to price and salability fluctuations or restrictions.

At present, there are many teams and projects in the field of block chain technology, and the competition is fierce. There is strong market competition and project operation pressure. SE currency project whether can break through in many optimal swift program, has been widely recognized, both linked to their own team ability, vision, planning, etc, are also influenced by many competitors on the market and even the oligopoly, there are facing the possibility of vicious competition. SE currency based on years of industry accumulation, founder of the connections, brought together a vigor and strength and talent team, to block chain senior practitioners, has rich experience in the field of technology development personnel, etc. Stability and cohesion within the team are crucial to the overall development of SE Token. In the future development, it is not excluded the possibility that the whole SE currency will be negatively affected due to the departure of core personnel and conflicts within the team.

Ending balance risk

The founding team of SE Token will spare no effort to achieve the development goals set out in the white paper and extend the growth space of the project. SE currency regiment degree is relatively

mature commercial accumulation, however, in view of the development trend of the industry as a whole is unpredictable factors, the existing business model and the overall thinking exists in accordance with the market demand is not good, which can lead to difficult to profitable results. At the same time, because of this white paper may be adjusted to update as the project details, if the project is the updated details have not been timely access to swap participants, or the public do not understand the latest progress of project, participants or public cognition is not enough, the project due to information asymmetry so as to affect the subsequent development of the project.

ending

First of all, this project is built on the basis of cryptography algorithm. The rapid development of cryptography will inevitably bring the potential risk of cracking. Secondly, the core business development is supported by such technologies as blockchain, distributed accounting books, decentralization and non-consent to tampering. The SE Token team cannot fully guarantee the implementation of technology. Third, during the process of project update and adjustment, it may be found that there is a vulnerability, which can be made up by issuing patches, but the degree of impact caused by the vulnerability cannot be guaranteed.

Terminal risk

In terms of security, the amount of individual supporters is small, but the total number of supporters is large, which also puts forward high requirements for the security of the project. Electronic tokens are anonymous, hard to trace, and are easy to be used by criminals, or are attacked by hackers, or may involve illegal asset transfer and other criminal ACTS. Other unknown risks: with the continuous development of regional fast chain technology and the overall situation of the industry, the SE currency may face some unexpected risks. Participants are invited to fully understand the team background, understand the overall framework and thinking of the project, reasonably adjust their vision and participate in the token exchange before making the participation decision.

Disclaimer

This document is for the purpose of conveying information only. The content of the document is for reference only and does not constitute any investment proposal, instigation or invitation to sell stocks or securities in SE currency and its related companies. Such an invitation must be made in the form of a confidential memorandum and must comply with the relevant securities and other laws. The content of this document shall not be interpreted as forcing participation in the exchange. No action in connection with this white paper shall be deemed to have participated in the swap, including requests for copies of this white paper or the sharing of this white paper to others. Participation in the exchange means that participants have reached the age standard and have complete capacity for civil conduct. The contract signed

with SE currency is true and valid. All participants signed the contract voluntarily and had a clear and necessary understanding of SE currency before signing the contract. The SE currency team will continue to make reasonable attempts to ensure that the information in this white paper is true and accurate. During development, the platform may be updated, including but not limited to the platform mechanism, the agent currency and its mechanism, and the distribution of the agent currency. Part of the document may with the progress of the project in the new adjust in the white paper, team will through the announcement on the website or the new white paper, will update the content public. Participants are requested to get the latest white paper timely and adjust their decisions accordingly. The SE currency expressly states that the participant shall not be liable for any loss caused by (I) reliance on the contents of this document, (ii) inaccuracies of the information herein, and (iii) any action arising out of this document. The team will spare no effort to achieve the goals mentioned in the document. However, due to the existence of force majeure, the team cannot complete the commitment.

SE currency is an important tool for the platform to generate efficiency, and it is not an investment. Owning SE currency does not grant its owner ownership, control and decision-making rights over the SE currency platform. As a digital cryptocurrency, SE currency does not fall into the following categories :(a) any kind of currency; (b) securities; (c) equity in legal entities; (d) stocks, bonds, notes, stock warrants, certificates or other instruments conferring any rights.

Citizens of countries that prohibit the sale of tokens are not allowed to participate.

SE currency appreciation or not depend on the needs of market rules and application after landing, it may not have any value, the team does not value the commitment, and its value are not responsible for the consequences of any increase or decrease.

In the range of the applicable laws allow maximum for resulting damage and risk involved in the swap, including but not limited to, directly or indirectly to the personal injury, loss of business profits, loss of business information, or any other economic losses, the team is not liable. The SE currency platform abides by any regulations and self-regulatory statements that are conducive to the healthy development of the swap industry. Participation by participants means that such checks will be fully accepted and complied with. At the same time, all information disclosed by participants to complete such inspections must be complete and accurate. SE currency platform to communicate, the potential risk to the participants clearly once the participants involved in the swap, on behalf of its has confirmed that account for the terms in the understanding and recognition rules, accept the potential risk of this platform, the consequences of the presenter.

contact

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