X-power Chain

The World is "Flat Screen"

Build Public Screen Ecosystem Based on Blockchain Technology

Preface

Cellphone has been defined as a communication tool, till Apple came into being –

Thanks to iPhone with genius design of Steve Jobs, the cellphone screen becomes larger, the functions transform from unitary communication to smart Internet connection, and the definition of the cellphone as a sole communication tool is substantially changed. It starts to evolve into online surfing tool and mobile computer. The secluded and diversified iOS business ecosystem brings safer and smooth use experience to iPhone users. It also accumulates the most excellent team from the world to develop one and another quality Apps, and changes the living state of the human.

The automobile has been defined as transportation means and the symbol of status, till Tesla came into being –

The original team of Tesla adopts the IT concepts to develop the vehicles instead of the ideas of the traditional automobile manufactures represented by Detroit. Therefore, Tesla's development of electric vehicle is commonly deemed as a story of Silicon Valley boy's confrontation with Detroit giant. However, the present increasingly professional technical development, such as artificial intelligence and neural network, etc. makes Tesla closer to the dream of automatic drive. It will make the vehicle more than a cold machine, also as friend interacting with you and transporting you.

Internet information has made the people concerned about mistrust, till Blockchain came into being –

Currently, Internet is still in the stage of information Internet and only delivers information. As the information becomes huger and complicated, various high-tech fraud tricks spring up and lead to mistrust. To look into the future, Blockchain technology has the potential to lead new-generation technology reform. With the characteristics of being decentralized, tamper-resistant and transaction without third-party trust endorsement, it is likely to reshape the enterprise form and social structure, achieve value exchange, and bring economic value effect to every user on Blockchain network.

Public scenario has been mutually independent individual in the eyes of the people, till X-power Chain came into being –

A person will experience multiple different public scenarios, such as company, shopping mall, restaurant, health club, beauty salon, KTV, and hotel, etc. As the world's first public chain of public screen ecosystem, X-power Chain has cooperated with ten thousands of enterprises in the world, deployed more than 400,000 offline screen terminals, created more than 70,000 nodes, had more than daily visitor flow of more than ten millions, and provided plenty of traffic for the development of public scenario. As cooperation further speeds up, X-power Chain will redefine the global screen ecosystem.

Let us witness that Blockchain changes the traditional screen and soars vigorously.

Contents

1. Earth-Shaking Reform of Blockchain: The World is "Flat Screen"

1.1 Enormous Global Public Screen Value Needs to Be Explored Urgently
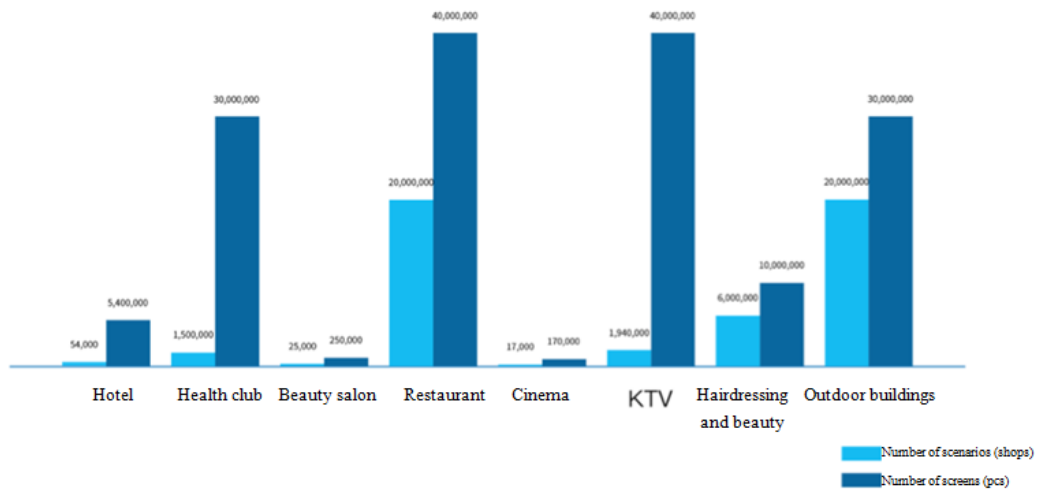
Currently, offline traffic is more than 100 times of online traffic, and the office buildings, shopping mall, supermarket, restaurant, hotel and KTV, etc. throughout the world are surrounded by the screens in various sizes: Some are huge screens in crowded New York Times Square, and some are television screens quietly broadcasting in hotel rooms… However, the value of these screens are not fully explored: only local playing of fixed contents due to no Internet connection, restricted content update, lack of efficient management logic, significant information influence but no certification of information source… This means that plenty of offline screens only fulfill the value as the individual, and there is great value to be explored.

The screens can be classified as public screens and private screens by the value property. Private screens refer to the screens in individual or private space, such as personal cellphone, computer and family television, etc.; public screens refer to the screens operated in public scenarios, such as outdoor buildings, shopping malls, metro stations and hotels, etc. The private screens normally have relatively small display volume and few targeted persons. The mobile devices, such as cellphone and laptop, cannot compute for long time due to the electricity capacity limit, and have relatively private contents that make it difficult for propagation. In comparison, public screens normally have relatively large display volume and many targeted persons, stable power source, can carry out computation in a large amount, and thus have a significant advertising & propagation property.

To connect the offline public screens seemingly dispersedly distributed, and create greater value in the same time, we firstly need to find the approach to connect them – connect the screens and build intelligent foundation through network modification; bring stronger interaction property and display performance of the screen by adding touch module, camera, voice control device, and 3D technology, etc.; through technological channel of Blockchain, it allows the huge population to reach consensus at low cost, and thus significantly reduce trust cost, which will create the strong propagation screen matrix that has not existed before, and create more abundant application scenarios for the consumers in all the scenarios.

1.2 Interconnect the Pervasive Screens and Increase the Economic Value of Global Public Scenarios

According to the data released by several authoritative institutions, such as the world largest hotel data provider STR Global, International Society of Aesthetic Plastic Surgery (ISAPA), world largest third-party payment platform Alipay Koubei, and world famous market research company AC Nielsen, etc., in 2017, the total number of shops/buildings of public scenarios, including outdoor buildings, hotel, plastic surgery hospitals, health clubs, restaurants, cinema, KTV, hair salon, gym, café, and bar, etc., has exceeded 190 million, the conservative estimation of screen numbers is around 300 million, and the consumption market scale can be the considerable number of approximately USD 80 trillion.

40,000,000   40,000,000

30,000,000   30,000,000

5,400,000

20,000,000   20,000,000

10,000,000

6,000,000

54,000   1,500,000   25,000   250,000   17,000   170,000   1,940,000

Hotel   Health club   Beauty salon   Restaurant   Cinema   KTV   Hairdressing and beauty   Outdoor buildings

■ Number of scenarios (shops)
■ Number of screens (pcs)

Brief Introduction to Market Space of Some Offline Screen Operation Scenarios

Currently, there are many private screens that have reached the effect of information circulation and sharing through Internet connection and platform operation, and had increasing influence; in the future, the public screens will reflect the value of public culture through Internet connection and Blockchain technology modification, restructure people's living space and create the social circle with the same values.

The essence of public screen transformation is to transform the existing centralized businesses, and create capacity through Blockchain: In some existing offline screen scenarios, the centralized businesses run well, and the application of Blockchain does not transform the previous infrastructure in poor condition, but provides another capacity, namely Token economic incentive mechanism, which achieves the measurement of the acts, information, value and data of the consumer group in the previous scenarios. The Token can rapidly circulate, have definite price and considerable value increase potential, which will create very attractive incentive for users and bring larger economic value.

1.3 Blockchain Technology Gets Ready

Blockchain technology is the technology that carries out direct point-to-point transaction by "decentralized" and "trustless" channel, adopts data storage, delivery and verification in "distributed structure", replaces the reliance on centralization with data block, and thus allows the transaction information saved on the node to be confirmed rapidly and all the participating members to jointly maintain a reliable database. The database stores all the previous affair history records and history data, which are open, transparent and stored in a distributed manner. The channel with the cryptography protocol is adopted to ensure that it is difficult to illegally tamper and counterfeit.

The application fields of Blockchain have developed from 1.0 programmable currency and 2.0 programmable finance to 3.0 programmable society at full speed. That is to say, the application of Blockchain is not only in the digital asset fields of smart contract, equity, securities and group-raising, but also have expanded to the colorful life of the people for Internet of Things, intelligent manufacturing, supply chain management, social contact, social welfare, electronic goodwill, and culture & entertainment, etc. The extensive application of Blockchain will bring new opportunities for the development of new-generation information technology, such as cloud computing, big data and mobile Internet, and be able to trigger a new round of technological innovation and industrial reform.

2. X-power Chain Came into Being

2.1 Current Problems of Public Screens

2.1.1 The majority of the screens are not smart, and have limited value space

Internet is the basis for realization of Blockchain technology. Only if the screen is connected with Internet can it have greater value space. As X-power Chain is being applied more extensively, the sub-chains in the fields of payment settlement, copyright tracing, identification verification, advertising & marketing, DAPP open platform, etc., will establish the respective Blockchain systems. Faced with a number of settlement restrictions, the screens are isolated and the information is not communicated, which prevents it from fulfilling the value, and significantly restricts the development space of X-power Chain.

On the hundred millions of public screens in the world, Internet connection can achieve the preliminary expansion of value, and connect the world. And X-power Chain is the key to achieving Internet of Things, the medicine that releases various public screens from separate, dispersed and lonely islands, and the bridge of expansion, connection and information communication between the public screens.

2.1.2 With centralized media advertisement, the marketing budget is far more than

its value

Advertisement is overwhelming in people's life. Incomplete statics show that more than 80% is irrelevant content. The users choose "automatic blocking" or various means to block. The screen user's traffic does not bring the expected advertising performance to the advertisers.

In global Internet advertisement market in trillion-dollar level, centralized media mainly occupy the marketing budget, such as the majority of the search engines and design media. Since the scenarios of the media are unitary and the audience of advertisement is not well targeted, the user acquisition cost is very high. The user registration in special type can even be several hundred yuan sometimes. For the advertisers, except for high marketing costs, they need to negotiate with the media and agencies for advertisement resources, which increase implicit costs and add 25-40% burden for the brand. Moreover, the issues including advertisement quality, information security of advertisement, virus in advertisement, advertisement reliability and advertisement fraud, etc. make the users more cautious during the selection.

2.1.3 Unitary supply-demand relationship of public screen content system

Currently, the contents of public screen are mainly in the form of being planned, assessed and confirmed by the project owner, which makes the contents vertical and unitary, and fail to meet the multiple demands of the users.

The major problems are as follows:

- The overwhelming majority of the public screens are not connected with Internet, which makes the content update slow, fails to meet the people's demand in acquiring information in real time, and thus leads to the drop of attention grade.

- Since there are plenty of copyright owners and complicated structure, the single platform cannot acquire the corresponding copyright authorization efficiently, and thus affect the content broadcasting.
- The public screens have unitary function, and the existing screens tend to have certain function and make the audience feel tired.
- Most of the public screen resources are not fully used, and the inherent value is wasted.

2.2 Brand-new X-power Chain Redefines "Public Screen"

Blockchain technology does not create value but has the core of creating capacity. In Internet field, it can divide use right and ownership of big data. X-power Chain creates capacity for "public screens" from the three aspects of Blockchain advertisement, Blockchain contents and Blockchain DAPP, builds a public open platform, explores with the global users, explores and fulfills its potential value.

2.2.1 Accurate advertising system based on Blockchain

X-power chain builds the public screen big data system on the whole chain, breaks down each public screen by means of WI-FI probe and AI+ image recognition, etc., records the traces of user consumption, entertainment and study. Real Time Bidding based on advertisement accurately classifies the screens and users, and achieves accurate marketing with performance of the advertising.

Characteristics and advantages of public screen advertisement based on Blockchain technology:

- The advertisement content is transparent and the source is traceable.
- Automatic release & removal and automatic settlement through smart contract
- Save costs, free of agency and agency fee, and thus greatly reduce the costs
- Integrate all the public screen resources, save the time and communication costs of the advertiser, and increase advertising efficiency
- Achieve accurate advertising with multiple sniffing technologies, and improve advertisement performance
- Load the playing data in the chain, allow the users to participate and view, and prevent false network traffic
- Support advertisement space auction, and maximize the value of advertisement space
- Blockchain + smart contract create capacity for the new business pattern, and support multiple advertisement distribution patterns

2.2.2 Content ecosystem creates more creational means, and continuously influences people's life

In the win-win mode of content ecosystem founder and developer, content producer, and content consumer, X-power Chain creates capacity for every individual in a decentralized manner, gradually increases the value of their creativity in the process of value creation, establishes the app store platform with the core of DAPP, and achieves the expansion of content market on the carrier of screens.

The contents circulate in the platform. The content publisher and the user make two-way selection and the value is demonstrated by XPO. The content publisher publishes contents and gains value returns in the form of XPO token according to the value contribution; similarly, the content viewer can select the contents according to his or her own demand, and pay the publisher directly, which removes the agency and links the payment cost and the value directly. User wallet, similar to personal bank in Blockchain, is developed, and shows personal XPO balance; in the future, XPO will include the connection with offline actual payment.

On one hand, the public screens have the inherent properties of accumulating audience and creating the circles. X-power Chain allows the users to develop shared values in the form of interactive live, VR/AR experience, 3D film, reward and Q&A, etc., with the content output property of the screen, and redefines the social circle.

On the other hand, when publishing the contents, the developer needs to reserve part of the income according to block-developed proportion on X-power Chain, and the remaining income is traceable and viewable, without the third-party platform sharing the interests. For example, when the user requests the broadcasting of a film, the developer can clearly know the time, location and duration of viewing, as well as the income from the accounts book records.

Moreover, X-power Chain keeps all the source traceability available for check in the form of distributed bookkeeping, including but not limited to copyright, transaction, and value-added service information, etc.; the smart platform management contract with complete ranking, scoring, and comments, etc. will guard the ecosystem for every minor change.

2.2.3 Brand-new DAPP app store is developed for public screens

X-power Chain draws on the wisdom of the masses, opens DAPP app store platform to the global developers, enables the global developers to develop quality App for value-added services for billions of offline users, adopts the node of public screen and PDPOS system of X-power Chain, and reaches consensus efficiently for the nodes in the ecosystem.

The users can upload various Apps/mini programs on DAPP app store platform for the online consumers to use. For example, the global heated interactive contents: video, live, audio, e-commerce and games etc.; scenario function service: smart ordering, call service and payment, etc.; information release: advertisement, public welfare publicity and personal information delivery, etc.

All the public screens of X-power Chain allow the automatic system upgrade on Internet, solve the technical update and iteration difficulties with DAPP release, remove the coordination and communication cost with the third party, improve timeliness, and provide more guarantee for the developers.

X-power Chain content ecosystem and DAPP app store have the following features:

- The users can obtain concurrent experiences before different public screens
- The users can open the program and use immediately, and do not need to download and install the App for a single scenario
- The public screens in the ecosystem are interconnected, and the user information records are synchronized in Blockchain in a anonymous and encrypted manner
- A personalized system specifically is customized for every user, which pushes accurate contents
- Leave upon use, and pervasive

2.3 X-power Chain Public Screen Layout

If the year of 2017 is the "path finding" year of Blockchain, 2018 will be the "first year" of Blockchain application. X-power Chain is actively carrying out the settlement of Blockchain scenarios, modifying and deploying at more than 400,000 screens in various cooperative scenarios, such as outdoor, buildings, shopping mall, hotel and KTV, etc. Currently, more than 70,000 public screen nodes have been settled throughout the world.

X-power Chain provides infrastructure and basic network, and then carries out app development and deployment on this network after interconnection: To provide the infrastructure including advertisement media chain, DAPP app store, and content ecosystem, etc. In the future, as long as the user's Internet of Things is connected with X-power Chain, the services offered by X-power Chain will be shared, such as acquisition of the apps for various scenarios from the app store, control of various devices, and accurate recommendation according to the personal property, portrait and action by the action preferences after leaving the current screen and moving to the next public screen. That is to say, X-power will extract the view trace, consumption data and positioning data of every node, create anonymous portrait of every user, and lay the foundation for improving the whole large screen content ecosystem and building user customized recommendation. XPO token can circulate on the platform as the carrier of value circulation of community content.

The following picture takes the example of the public scenarios, including building, hotel and club. With the upgrade from more than 30-inch traditional cable television screen into 120-inch smart Internet screen, the activities include interaction, games, live broadcasting, and e-commerce, etc. In the future, combined with the AR, VR technology, there will be more abundant reality and virtual screen scenario interaction:

Schematic Picture of X-power Chain Settlement Scenario: Hotel

Schematic Picture of X-power Chain Settlement Scenario: Club
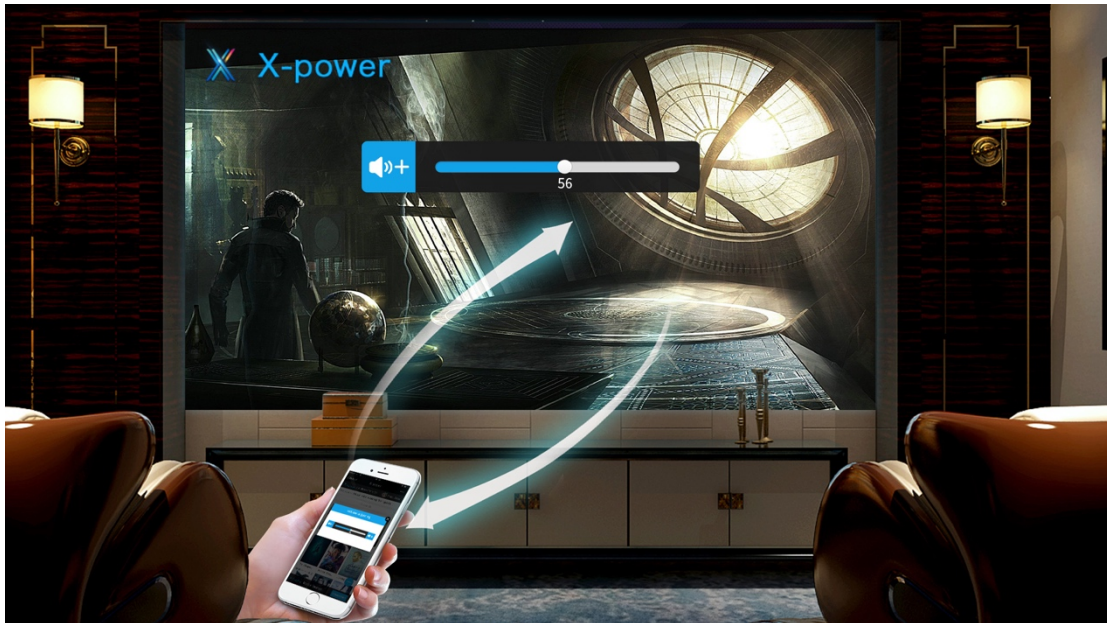
X-power Chain Interactive Connection between Cellphone and Large Screen System

Augmented Reality (AR) Interaction in front of X-power Chain Shop Screen

Virtual Reality (VR) Interaction in X-power Chain Virtual Screen Space

3. X-power Chain Implementation Logic

3.1 Business Logic: Public Screen Open Platform Based on Blockchain

Technology

Based on smart operation system, X-power Chain adopts encryption mode for massive materials, partitions the materials based on Merkle Tree, and stores them in surrounding storage nodes. If there is a need to view relevant materials, what to do is find a reliable node on the chain, download the corresponding Merkle Tree, download relevant materials for verification from the online node nearby, and can use it.

As for material processing speed, based on dispersed cluster idea, X-power arranges the rules and deploys the smart devices and servers in a unified manner, distributes computing capacity for the cluster, processes the computation required on the nearby reliable nodes selected by voting at high rate so as to ensure the rapid processing of data and swift achievement of consensus.

Based on Blockchain and the swift consensus mechanism, X-power Chain creates capacity for DAPP open platform, content platform and advertisement platform of public screens. By creating more functions for public screens, it allows the screens to serve the society and the public better, expand the use scenarios of public screens, and increase the commercial value of the screens.

The capacity creation of X-power Chain for public screens is mainly demonstrated by the three kinds of business logic as follows:

3.1.1 X-power Chain DAPP open platform

X-power Chain ecosystem is connected with various smart terminals of consumption scenarios, and builds decentralized App distribution platform based on Blockchain technology. The developers can publish the Apps they develop on open App platform for the end users to use. The open App platform of X-power Chain has the following features:

- To support cross-platform development languages, provide corresponding API and SDK for the convenience of the developers to publish the contents across the platforms
- To provide decentralized experience consumption payment system based on smart contract. The consumption of end users can be distributed to App developer and promoter in the prescribed proportion
- To provide anonymous user portrait and group positioning interface, and help the developers to carry out accurate release of App

Open App platform of X-power Chain ecosystem will attract many excellent developers with the convenient development platform and high development return. The excellent developers will continuously develop the Apps with excellent experience for the end users in the ecosystem to experience and thus form virtuous cycle.
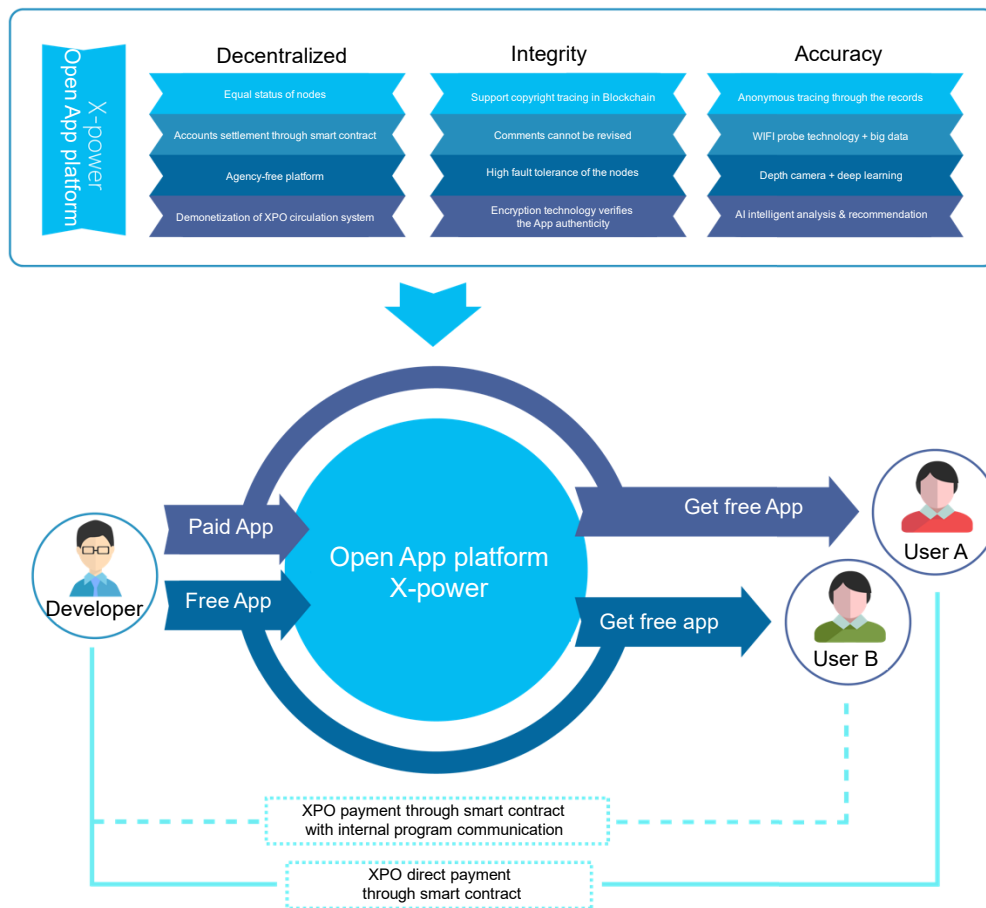
X-power Chain Open App Platform Chart

3.1.2 X-power Chain open content platform

When providing open App platform for the developers, X-power Chain also provides complete open content platform for some individuals or organizations with excellent content output capacity but temporarily without development ability. The content publishers can accurately push the quality experience contents (i.e. film, articles, interactive games, live and VR experience, etc.). And the end users can freely choose the experience contents they like for consumption.

On X-power Chain open content platform, with the provision of decentralized smart contract, the providers of excellent experience contents can directly gain the reward paid by the experience consumers, which will further enhance their motivation for excellent content output. Meanwhile, X-power Chain will continuously extend and improve the functions of open content platform and make it better serve the experience publishers and consumers.

3.1.3 X-power Chain open advertisement platform

With the application of Blockchain and corresponding smart contract technology, X-power Chain gives public screens more diversified advertisement display logics. For example, the advertiser can set up corresponding smart contract to advertise on public screens and give corresponding reward to the advertisement viewers according to the contract provisions so as to reach better performance; meanwhile, the advertiser can set up corresponding smart contract to conveniently develop the agency nodes (i.e. network celebrity, and opinion leader, etc.), promote the products with their influence, and distribute the commission in accordance with the contract provisions.

Advertisement content publishing of X-power based on Blockchain technology does not require the release, removal and advertisement broadcasting certification from any third-party institution. The advertisement is published to the targeted users among the seven billion users at designated time according to the requirements of the advertisers. It will be recorded at each node and irreversible. It does not meet the advertising requirement of the advertiser, but also protects the rights and interests of the advertiser and saves the third-party test fee. On X-power platform, the contents are traceable, and the users can comment. The ranking system is adopted and the contents with poor comments will be removed.

More importantly, the rights and interest for all the content and advertising are fulfilled with XPO. Meanwhile, since X-power supports the sub-chain independent computation, Token of the sub-chains can be exchanged into XPO to meet the demand of advertisement or accurate content publishing.

For different advertisement spaces, auction ranking mechanism and locked position mechanism will be introduced so as to ensure the continuity of advertisement publishing, the continuous upgrade, maintenance and coordination of quality resources of the platform, and the interests of the advertisers, and achieve the maximized performance of advertisement publishing.

3.2 Underlying Logic: X-power Chain

X-power Chain Blockchain is the core logic of X-power Chain, and maintained and developed with the core code maintained by the community. X-power Chain is a public chain, of which all the nodes can join X-power Chain ecosystem. The functions include providing accounts keeping node, maintaining core coed and participating in community operation, etc. To meet the business needs of X-power Chain and consider the subsequent extendibility, X-power Chain has the following major functions:
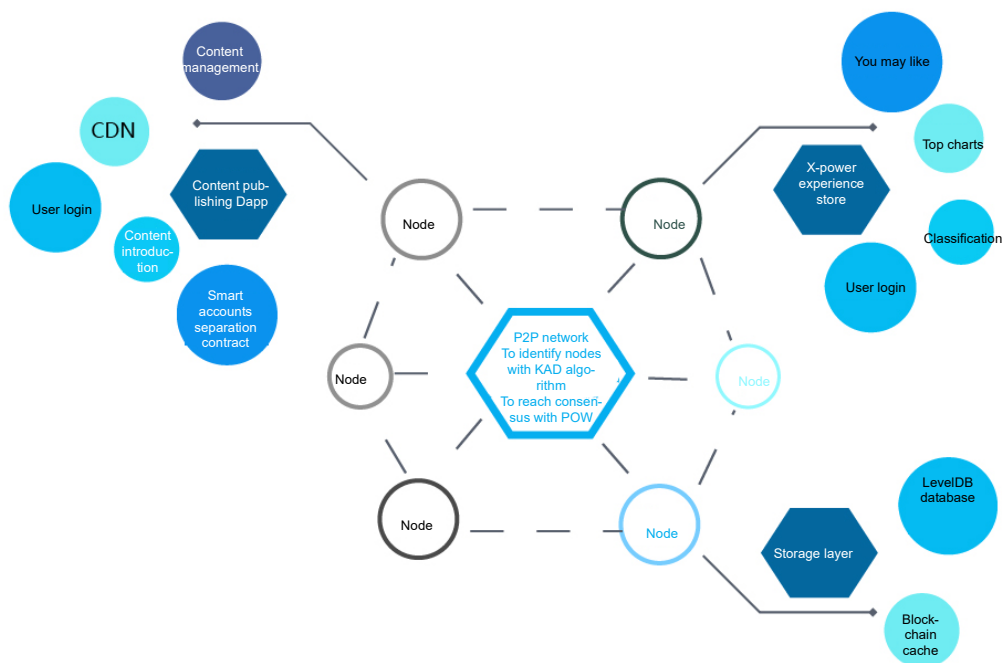
X-power Chain App Publishing Platform Process System

3.2.1 Decentralized DAPP app store platform

The DAPP publishing platform of X-power Chain is a decentralized App store that based on

Blockchain technology. The system is composed of these parts: Content publishing DAPP for publishing the content on X-power Chain; X-power experience store for the operation of X-power Chain hardware, in which the user can choose the contents they like, such as App, games, videos, and audio, etc.; underlying P2P network or the maintenance of node network necessary for X-power Chain operation. The nodes identify each other with KAD algorithm and reach consensus through POW to achieve storage and sharing of Blockchain data; storage layer containing cache and persistent database based on Level DB.

Firstly, the user publishes the contents with content publishing DAPP. The content data is distributed by CDN in the world, of which the digital signature will be saved on X-power Chain. The data is stored and shared on its P2P node network. After entering X-power experience store, the user can get the data for categories, top charts, and you may like and the date of specific contents based on the services provided by the nodes. And the installation file of Apps can be acquired from CDN nodes.

The underlying layer of X-power Chain adopts Hash as target storage key. Hash function used in Hash algorithm is irreversible. That is to say, for h = hash(x), inverse operation for the result h of Hash operation cannot get the input x. The mathematic uniqueness of Hash value allows it to be the universe unique identifier of certain target.

Hash functions used in X-power Chain are all SHA-3 (Secure Hash Algorithm 3, wikipedia). SHA-3 was officially released by National Institute of Standards and Technology (NIST) in August 2015. As the latest standard of Secure Hash Algorithm, compared to SHA-2 and SHA-1, it adopts completely different design ideas and has relatively good performance. Though SHA-2 has no successful conquering case currently and there is no trend of immediate replacing of SHA-2 by SHA-3, X-power Chain considers the conquering case of SHA-1 and determines to adopt SHA-3 with brand-new structure and ideas as the latest SHA plan.

Data coding of X-power Chain is RLP (Recursive Length Prefix) code, of which the definition is stated in wiki. It can code a byte array of arbitrary nesting as a "flattened" [] byte without nesting. The value range of 1 byte is 0x00 - 0xff, and can indicate any character and thus linearly indicate any data. For the simplest form, for example, for a character string, every character can be indicated by binary system of ASCII code and the whole character string will be one []byte. RLP coding method has the code output form of [] byte whether the input is any element or array in various nesting form. Since RLP is reversible, it provides mutually inverse coding and decoding methods. X-power Chain adopts it as the coding method of data serialization and deserialization.

The application of Hash algorithm in X-power Chain is to make SHA3 Hash operation for the RLP coding value of certain type of target, which can be called RLP Hash. X-power Chain selects third-party database LevelDB that especially store and read [k, v] key-value pair in underlying storage, and v in [k, v] is RLP coding value of certain structure target. Normally k is SHA-3 Hash value of v after RLP coding.

3.2.2 X-power Chain consensus algorithm

X-power Chain endeavors to achieve high TPS (Transactions per Second). In X-power Chain, the rapid generation and synchronization of block is the key to high TPS.

In the distributed system of Blockchain, one core index is to ensure the data consistency in all the anonymous nodes. Consensus algorithm is the method to ensure the consistency of distributed system. The common consensus algorithms are as follows.

Paxos is the first proved consensus algorithm in computer history. Raft is based on Paxos algorithm,

and solves the problem of Paxos that is difficult to understand and implement. The two consensus algorithms are suitable to solve the consensus fulfillment problem in distributed system when there may be fault but no malicious node scenarios.

POW (Proof-of-Work) can help the distributed system to each Byzantine fault tolerance, which was proposed by Cynthia Dwork and Moni Naor in 1993. The key feature of POW is that the node of service request in distributed system must solve a feasible issue with normal difficulty, but the process of answer verification is very easy for the service provider. That is to say, it is difficult to solve but easy to verify.

POS (Proof-of-Stake)

Proof-of-Stake is another consensus algorithm applied in Blockchain network. For crypto-currency based on POS, the next block is arbitrarily selected according to the stake and time of different nodes.

Compared to POW, POS can ensure the security of Blockchain network without consuming plenty of electricity or creating new currency in every block to encourage the miners to participate in the operation of the current network. This reduces the time of reaching consensus to some extent.

DPOS (Delegated Proof-of-Stake)

DPOS (Delegated Proof-of-Stake) can allow every person to choose the one representing his/her interests to participate in the competition of accounts keeping right. In this way, the group of small shareholders can elect the delegate to protect their own interests. The multiple nodes voted in the whole network can confirm 99.9% transactions within 1s. The application of DPOS can process several hundred thousand transactions per second and carry out supervision and intervention.

In consideration of the number of the devices and required response time for the terminal devices for public scenarios, X-power Chain makes improvement through the combination of application scenarios of X-power Chain based on DPOS consensus algorithm, and proposes PDOS consensus algorithm.

The offline devices of X-power Chain are normally one server and multiple smart terminal devices that cooperate to offer content services for offline screens. The devices are in one local area network. The server can act as the node giving DPOS consensus, and the multiple smart terminal devices give extra computation support with the Parallel Delegated Proof-of-Stake (PDPOS) node.

3.2.3 Smart contract and DAPP

To meet the complicated business needs of X-power Chain, X-power Chain focuses the support for various smart contracts during the period of development. Since VM virtual machine of X-power Chain executing smart contract is Turing-complete, it can support various complicated smart contracts and DAPP.

Meanwhile, there are diversified business demands in X-power Chain ecosystem. The developers from different industries can build sub-chains suitable for the respective industry with smart contract and the open-source technology provided by X-power Chain. The sub-chains can issue independent Token and exchange through X-power Chain Token: XPO.

3.2.4 Token for circulation in main chain of X-power Chain: XPO

XPO is the circulating Token in X-power Chain ecosystem with the total circulation amount of 10 billion. The major functions are:

XPO acquisition:

(1) Transaction fee reward for accounts keeping node. The owner of the mining block shall acquire all the information fees paid for the information packaged in accounts keeping block.

(2) Extra bonus for transaction nodes. The bonus will decrease progressively year by year till reach 0.

XPO consumption:

(1) The execution of smart contract consumption (including transfer, execution of advanced smart contract, and establishment of sub-chains, etc.)

(2) As the mainstream circulating token of X-power Chain ecosystem, XPO can support the business consumption of other sub-chains in the ecosystem, and can support the exchange of Token between the other sub-chains.

3.2.5 Sub-chain support and management

To meet the complicated business status of X-power Chain, and release the accounts keeping pressure of the nodes on main chain, X-power Chain supports the establishment of sub-chains through smart contract. The sub-chains for different business scenarios will have logic structures in different forms and accounts keeping at different accounts keeping nodes. If certain business has highly synchronous demand in the fixed businesses including transaction, the designated part of smart contract can be written in transmission layer in order to improve Blockchain efficiency.

Since X-power Chain supports the independent accounts settlement of sub-chains, the sub-chains can issue independent Token and have it circulate in the sub-chains. Meanwhile, Token of different sub-chains can be exchanged with XPO in two-way manner in main chain exchange so as to meet the end users' consumption demand for different experience scenarios.

For example, a level-based game issues the exclusive Token in its sub-chains. After the users download and experience the game in public scenario of X-power Chain, and gain Token through passing the levels, they can exchange the Token into X-power Chain main Token XPO in X-power Chain community central exchange, and save in X-power main chain. Then they get in other scenarios and experience another App. For example, when they watch movie and need to pay the view fee, they can pay with XPO. In other scenarios, such as hotel, when they need to pay to skip the advertisement in the process of watching a video linked to X-power content, they can skip the advertisement through XPO payment. Or, if a smart electric meter linked with X-power Chain warns the remaining electric quantity, the electricity purchase can be made through XPO if the owner sets the automatic electricity purchase service.

Moreover, for the sub-chain businesses in X-power Chain ecosystem, XPO crowd funding can be initiated through X-power Chain smart contract to raise the startup fund for the project and provide more space for the developers.

3.2.6 Accounts keeping priority

In the current mainstream Blockchain network (i.e. Ethereum), all the miners will mine in the whole network. The mining standard is benefit-driven. That is to say, since the transactions with high gas

fee will be prioritized, the transactions with high gas fee will be processed firstly. However, when plenty of transactions with high gas appear in Ethereum network, the transactions with low gas will queue and even fail.

X-power chain introduces accounts keeping priority mechanism to solve this difficulty. During accounts keeping of Blockchain, the network bandwidth, storage and computing resources are distributed to the traders according to the XPO shares. In need of higher priority, the way is to purchase more XPO. For the users who do not hold XPO, the system will distribute relatively low network bandwidth and computer resources to ensure the normal transaction.

3.2.7 Sidechain

To ensure the asset circulation between X-power Chain and other Blockchain, X-power Chain supports relevant sidechain protocol.

The idea of sidechain was initially proposed in December 2013. The first version of sidechain protocol was released in the whitepaper released in October 2014, namely *Enabling Blockchain Innovations with Pegged Sidechains*.

Sidechain protocol adopts X-power Chain as the main chain and other blockchain as the sidechain, which achieve the circulation of XPO from main chain to sidechain through two-way peg.
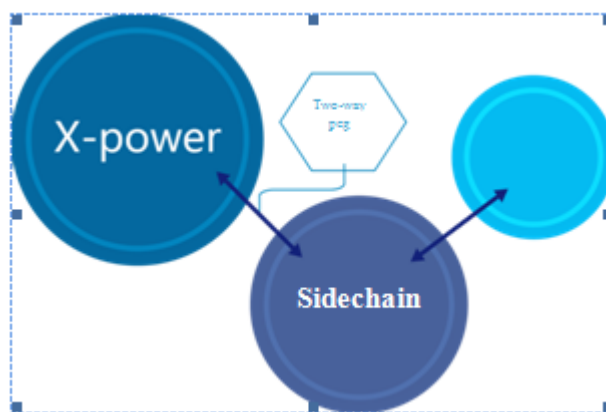

Sidechain Realization Chart

By means of two-way peg, XPO on the main chain, X-power Chain can be locked, and XPO in equivalent number can be generated on the sidechain. The new XPO cn circulate on the sidechain, till XPO in equivalent number is locked on the sidechain through two-way peg, and returns to the main chain for circulation. The core theory of sidechain is that it freezes the asset in one chain and generates it in another chain. A feasible method is the verification method based on Simplified Payment Verification (SPV) proposed by Blockstream.

3.2.8 X-power Chain decentralized exchange

In the process of continuous growth and expansion of X-power Chain ecosystem, there will definitely be new business lines successively joining the ecosystem, which can issue their respective sub-chain and exclusive Token. In X-power Chain ecosystem, the users will have demands in different Tokens during the consumption in different experience scenarios. To allow the users to get the required Token in a more efficient and convenient manner, X-power Chain establishes a Token exchange of X-power Chain ecosystem, where all the Tokens issued in the ecosystem can be freely and efficiently exchanged.
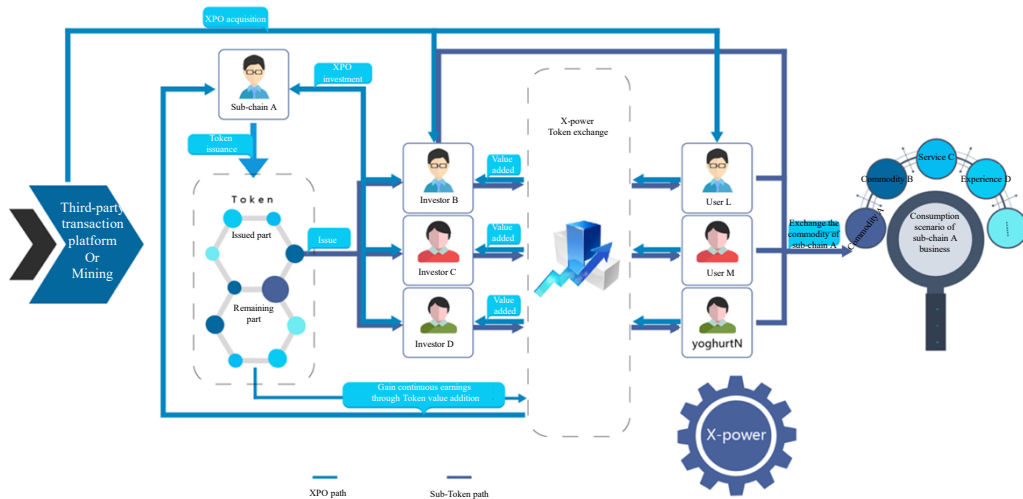
Schematic Picture of X-power Chain Ecosystem Sub-Chain Model and Ecosystem Exchange

4. X-power Chain Application Description

4.1 Smart Contract Restructures Supply-demand Relationship

4.1.1 Global user ID and point system

User ID is the access certificate in X-power Chain, and falls into two categories of normal user ID and developer ID. Normal user ID can support content purchase and experience in X-power Chain. Developer ID: The users with development ability can register developer ID and then publish the content in X-power Chain for all the users in the chain to use. The user ID will be recorded in X-power Chain upon registration and cannot be revised. Meanwhile, the points and credit records of the user will also be recorded in the Blockchain.

4.1.2 Global content generation standard

The categories of the contents in X-power Chain include but not limited to App, video and audio, etc. The operating system compatible with X-power Chain includes but not limited to Android. Currently, the display devices compatible with X-power Chain are mainly fixed large-size display devices, such as television, projector, and smart touch screen, etc. Based on the present software and hardware configuration, the developers should adapt correspondingly when generating contents, such as resolution ratio, operating habits (synchronous support for screen touch and remote operation), and focus processing, etc.

The remaining is embedded device, which has very limited memory and instruction cycle, such as some home smart control panel or device, including smart loudspeaker and smart refrigerator, etc. The devices normally carry out some simple interaction with the server to obtain instruction or data and communicate with terminal devices. Normally, the standards of the manufacturers should be adopted for the software of these devices.

4.1.3 Global content assessment, publishing and ranking system

The developer publishes the content for X-power Chain through DAPP, fills in the content introduction, sets smart contract rules for profit distribution, adds wallet address in X-power Chain, submits and publishes. X-power Chain endeavors to establish a self-governance community based on the rules of smart contract and artificial intelligence, etc., which automatically assesses, publishes the contents and eliminates substandard contents.

X-power Chain embeds some assessment rules. With the continuous upgrade of the platform, the self-restraint rules will be improved and more will be added. Currently, the following rules are supported:

1) To ensure the uniqueness of the contents through verifying the digital signature (in case of App, the internal resources will be decompressed for separate verification);

2) To identify possible right infringement and pornography contents etc., with machine learning algorithm;

3) To arrange true machine environment and simulate the application operation for App, games and virtual scenario experience, etc. to guarantee the operability of the App;

4) X-power Chain will continuously improve the rules and add more smart assessment rules in compliance with the local rules and regulations in different countries or regions to achieve rapid assessment while ensuring the security.

The contents that pass the aforementioned tests will be published in X-power Chain.

The smart contract set in the publishing process is the collection of code (its function) and data (its status) and exists in specific address in Blockchain of X-power Chain after publishing.

The wallet address provided by the developer when publishing the content is for the subsequent profit distribution. The content profit distribution in X-power Chain is based on the embedded smart profit distribution contract. When the user pays for the content, the smart contract will be triggered for automatic profit distribution. An example of smart contract excerpt is as follows.

```
/**
 * Internal transfer, only can be called by this contract
 */
function _transfer(address _from, address _to, uint _value) internal {
    // Prevent transfer to 0x0 address. Use burn() instead
    require(_to != 0x0);
    // Check if the sender has enough
    require(balanceOf[_from] >= _value);
    // Check for overflows
    require(balanceOf[_to] + _value > balanceOf[_to]);
    // Save this for an assertion in the future
    uint previousBalances = balanceOf[_from] + balanceOf[_to];
    // Subtract from the sender
    balanceOf[_from] -= _value;
    // Add the same to the recipient
    balanceOf[_to] += _value;
    Transfer(_from, _to, _value);
    // Asserts are used to use static analysis to find bugs in your code. They should never fail
    assert(balanceOf[_from] + balanceOf[_to] == previousBalances);
}

/**
 * Transfer tokens from other address
 *
 * Send `_value` tokens to `_to` on behalf of `_from`
 *
 * @param _from The address of the sender
 * @param _to The address of the recipient
 * @param _value the amount to send
 */
function transferFrom(address _from, address _to, uint256 _value) public returns (bool success) {
    // Prevent transfer to 0x0 address
    require(_to != 0x0);
    require(_value <= balanceOf[_from]);      // Check if the sender has enough

    _value4Dev = _value*0.7;
    _value4Platform = _value*0.3;

    transfer(_from,_to,_value4Dev)           // transfer token to developer
    transfer(_from,_platform,_value4Platform) // transfer token to platform

    return true;
}
```

Excerpt of Smart Contract for Content Profit Distribution

If finding some problems affecting the user experience in the process of using the aforementioned published contents, the user can use the rating and comments function to rate and comment on the content. The records of rate and comments will be permanently recorded in X-power Chain, and no user can change the rating and comments. With the unchangeable rating and comment mechanism, the contents with high rate published in X-power Chain will be continuously recommended to the user; and the contents with low rating will be put in lower position as the rating drops and finally be eliminated.

Below is the use and user feedback loop chart of an App after publishing. After the user uses the App and leaves the rating and comments, which will be recorded in Blockchain, the next user can see the integrated rate and every comment. In this loop, the management of App life cycle in Blockchain is achieved. The rating of the App that meets and satisfies the user experience will grow and gradually stabilize. And the rating of the App with low rating will continuously drop till being removed from the user.
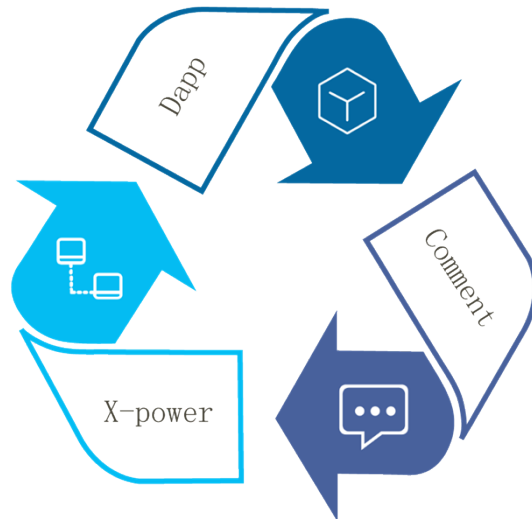
The Use and User Feedback Loop Chart of an App after Publishing

4.2 Accurate Recommendation Increases the Value

4.2.1 WiFi sniffing technology

WiFi sniffing technology is a technology based on WiFi detection technology to identify the node information of the cellphones, computers and other devices with WiFi activated near the access point. When the node enters the sniffing area, the information of the node can be detected though the node is not connected with Internet, and device information can be obtained, such as MAC address of the device.

In current society, the cellphone is an indispensible portable device in daily life. The identification information (MAC address) can be anonymously obtained with WiFi sniffing technology. With the anonymous gathering of MAC address of multiple scenario nodes and big data analysis, the portrait of the device owner can be developed; the more abundant the data gathering scenarios are, the larger the data volume is, the more accurate the portrait is. After obtaining the user portrait, the system will push the accurate recommended experience contents in smart contract algorithm, which allows the user to obtain quality experience without extra operation in X-power Chain scenario.

4.2.2 Face recognition + artificial intelligence

Since face features are the most visualized and effective biological identification factor of the human, the face recognition technology has been extensively applied in plenty of application scenarios. To provide more excellent experience for the end users, X-power Chain provides usable development environment of face recognition + artificial intelligence or third-party developers to allows the developers to develop user system based on face recognition + AI + big data in a relaxed manner, and truly allow the users to stay in a ubiquitous immersed scenario. Meanwhile, to protect the user privacy data, all the face feature data has been stored and transmitted with encryption in anonymous form.

4.2.3 Anonymous storage of big data

The acquired data including user portrait will be stored in encryption mode. When the user browses in X-power experience store, accurate recommendation will be provided for the user according to the user portrait to improve the user experience.

4.3 Cases of X-power Application Scenarios

4.3.1 Process of product development, launch, promotion and return for public scenario by individual developers:

1) Individual developer wants to develop a DAPP for experience improvement for public scenario development;
2) He successfully develops a DAPP to identify the user with WIFI probe and face recognition technology with the technical support from us and thus provide corresponding full-scenario services;
3) The marketing should be carried out upon the launch of the DAPP. He uses XPO to exchange some marketing resources, gets user portrait through WIFI probe and face recognition technology, accurately pushes to target users, and achieves good performance;
4) The users consume XPO to get corresponding services and the screen owner and developer undertake profit distribution through smart contract.

4.3.2 Advertisers releases accurate advertisement through X-power Chain

1) A famous vehicle enterprise wants to publicize its vehicle brand throughout the world;
2) The vehicle enterprise selects X-power Chain for advertising due to X-power Chain's screen influence in the world;
3) The vehicle enterprise pays XPO as the advertisement fee and the currency exchange issue is spared;
4) The screen terminals receiving advertisement in X-power Chain ecosystem set the screen location, type, available position and the quotation recorded in the Blockchain. The vehicle enterprise can choose freely;
5) After the advertisement is post, the vehicle enterprise pays XPO according to the contents of smart contract.

5. XPO Circulation Volume, Background and Value

5.1 XPO Circulation Volume

The circulation volume of XPO is **10 billion pieces**, specifically distributed to:
- 15% for community construction. For the community establishment and operational expansion of X-power Chain project.
- 20% for technical R&D. The expenditure for the X-power Chain product design and R&D.
- 15% for marketing. For the project marketing of X-power Chain and ecosystem scale expansion.
- 10% for business cooperation. For the construction of ecosystem business facilities and business cooperation of relevant projects.
- 15% for team building. For the payment of operational costs and contribution return for X-power Chain founding team and core members for a fixed period of three years.
- The Foundation holds 15% for foundation management. For X-power Chain Foundation establishment and relevant activities, and subsequent community awards, liquidity support and compliance support, etc.
- 10% reserved for future reward of accounts keeping.

Preliminary circulation: **4 billion pieces** for community incentives after project launch, and initial marketing, business cooperation, R&D cost and incentive for founding team, etc.; gradual long-term release: **6 billion pieces**, mainly for long-term project technical R&D, team building, foundation management, marketing, community establishment and business cooperation, etc. The general use proportion shall be in line with the above proportion structure.

5.2 XPO Issuance Background

From the perspective of the definition, crypto-currency token represents accounts keeping right of a Blockchain. The encryption is the accounts keeping right of a Blockchain. When you own the "token", you have a key that allows you to redistribute the figure.

To ensure the infrastructure of X-power Chain, daily operation and provide ultimate experience for the users, XPO token based on ERC20 is issued.

After registration, the user can create personal wallet in the account, check XPO balance in X-power Chain wallet, and finish the operations of input, output and others.

5.3 XPO Application Value

The value circulation in X-power Chain is settled by XPO. The normal scenarios are as follows:

1) When the users use paid contents in X-power Chain, such as download App, play games, watch paid videos, listen to paid music, and experience games of virtual scenario, etc., they can pay XPO and the payment will trigger smart contract related to the content. The accounts separation will be carried out in the proportion. Part of the earning will be transferred directly to the developer's wallet and the other part will be transferred to wallet of X-power Chain Foundation to support infrastructure and operational expenses of X-power Chain;

2) If the developers embed advertisement in the App or game, after the advertisement is displayed, the smart contract will be triggered and corresponding fee will be transferred from the advertiser's wallet to the developer;

3) XPO will be used for offline service purchase for offline scenarios in the future;

4) XPO will be transacted in the exchange for currency exchange and token-token transaction in the future.

6. X-power Chain Development Roadmap

The future plan of X-power Chain shall be carried out for two main orientations, namely basic technology and business application scenarios. As the global public chain, X-power Chain will certainly take the primary orientation of the development and update of Blockchain technology; meanwhile, it will solve the application issues in business scenarios with Blockchain technology and apply community contract spirit in more scenarios. The business progress will be timely updated on the official website (http://xpower.one). The strategic key points-in-time are as follows:

6.1 X-power Technology Roadmap

6.1.1 X-power Chain basic platform establishment

The basic platform establishment of X-power Chain contains the establishment of Blockchain underlying technology and the establishment of ecosystem community, etc. (time milestone: 2018.6~2019.8)
Launch of X-power Chain main chain (time milestone: 2019.8)
Node mining support in X-power Chain (time milestone: 2019.12)

6.1.2 Accurate advertisement publishing system establishment

WIFI probe (time milestone: 2018.9~2020.8)
AI + big data + image recognition (time milestone: 2020.9~2022.12)

6.1.3 Global content distribution system establishment

Decentralized payment system based on smart contract (time milestone: 2020.1~2021.12)
X-power Chain global individual content distribution system contains assessment and credit system, etc. (time milestone: 2022.1~2023.6)

6.1.4 Global App distribution DAPP platform

Establishment and operation of X-power Chain global App distribution DAPP platform (time milestone: 2020.1~2023.6)

6.1.5 Ecosystem self-governance evolution

Time milestone: 2024.7 ~ future
After the whole ecosystem infrastructure is generally established, the Foundation will improve the long-term self-governance incentive measures.

6.2 Business Roadmap

6.2.1 Timeline of public screen modification in separate scenarios

Extensive layout in health and hotel scenarios (time milestone: 2018.6~2018.12)
Launch of KTV and catering scenarios (time milestone: 2019.1~2019.6)
Launch of beauty and hairdressing industry scenarios (time milestone: 2019.7~2019.12)
Launch of shopping mall and supermarket scenarios (time milestone: 2020.1~2020.6)
Launch of outdoor building, hospital, gym and other industry scenarios (time milestone: 2020.7~ permanent)

6.2.2 Timeline of smart upgrade of public screen contents

Fundamental setup of screen content categories: Popular contents including advertisement, film & television, music, photo & article, and games, etc. (time milestone: 2018.6~2018.12)
The screen categories are continuously increased, the broadcasting and control modes are extended: from interactive touch screen, 3D, VR/AR, voice control to AI, etc. (time milestone: 2019.1 ~ permanent)

6.3 X-power Chain Settlement Progress Summary

X-power Chain is actively making progress in the business and technology according to the roadmap, and undertakes that it will update the achievements in the whitepaper at regularly intervals in inverted time order:

2018.7: X-power Chain project has cooperated with more than ten thousands of hotels, KTV, and health clubs throughout the world, deployed more than 400,000 offline screen terminals, created more than 70,000 nodes, had more than daily visitor flow of ten millions, and provided plenty of traffic for the development of public scenario.

2018.4~2018.6: Several Blockchain projects were launched on the open advertisement platform, and the advertisement was accurately published on dozens of thousands of screens. The publicity covers more than 100,000,000 person-times of medium to high-end groups.

7. X-power Chain Governance Structure

7.1 Introduction to the Foundation

X-power Chain Foundation is the operational entity established in Singapore, and devoted to the establishment and promotion of X-power Chain. The founding team has always targeted at the objective of "decentralization", highly recognized the essence of distributed self-organizing establishment of Blockchain, absorbed the factors of traditional company governance structure, and continuously pursued the fulfillment of the ideal project objective through promoting the continuous upgrade and self-governance of ecosystem community. Therefore, X-power undertakes that it is not the tool for some organizations or individuals to pursue the interests at the beginning of the project. The mission of the non-profit foundation is equal, objective and transparent operation of the whole X-power Chain ecosystem, and support for the work in the ecosystem.

X-power Chain Foundation, located in Singapore, is governed by the laws of Singapore. As a non-

profit organization, it does not have the right to participate in any activities related to business interests in accordance with the laws of Singapore. The "profits" gained by the Foundation will remain as surplus to be used for the expenditure for the operation of other activities, and not be distributed to its members or other profit-making organizations.

7.2 Organizational Structure of Foundation

In order to reasonably use the resources and capital of X-power Chain Foundation on the basis of equality, objectiveness and transparency, continuously promote the rapid development of X-power Chain ecosystem, and expand the application range and community scale of X-power Chain ecosystem, the Foundation sets up the following organizational structure:

Strategic Decision-Making Committee

Strategic Decision-Making Committee is the supreme decision-making organization of X-power Chain Foundation and responsible for the final decision-making of the affairs of the Foundation. Decision-Making Committee is composed of natural persons in odd number, who shall have equal decision-making right. The Committee mainly decides and deliberates over the important affairs of the Foundation, such as strategic plan and financial budget, etc.

The first session of Decision-Making Committee members is directionally invited by X-power Chain founding team and finally determined. After the first tenure of Decision-Making Committee members expires, the community shall vote the second session of Decision-Making Committee members and have the right to restructure the structure and personnel of X-power Chain Foundation.

CEO

The Foundation CEO is elected by the vote of Decision-Making Committee and accountable to Decision-Making Committee. The major duties of CEO are to establish the team, hire core professional personnel, lead the team to gradually implement the resolutions and provisions made by Decision-Making Committee and report the implementation progress to the Committee at regular intervals; comprehensively arrange core business of business line, and maintain correct and effective operation of the Foundation.

Product and R&D Department

Product Design and R&D Department of X-power Chain shall be responsible for design and R&D from underlying technology to upper application, and provide powerful support for project incubation and launch. In daily work, R&D Department shall carry out relevant product design, and keep good communication with Operation Department in order to guarantee the rapid response and settlement of the demand; meanwhile, continuously take in the latest cutting-edge technology in Blockchain field and ensure the R&D quality and speed of the project.

Market Operation Department

Market Operation Department is responsible for the plan, organization, implementation and control of the affairs in X-power Chain ecosystem, and external publicity of X-power ecosystem. It needs to actively explore many partners, closely connect X-power Chain system, ecosystem members with the partners, and thus build the open, distributed and global excellent experience ecosystem chain; meanwhile, Market Operation Department shall build the internal ecosystem of the community to

develop X-power Chain community into a self-governance system with positive interaction, free information flow and full symmetry. Another important duty of Market Operation Department is to continuously publicize X-power Chain ecosystem concept and achievements to the public by various market means and thus continuously enhance the influence of X-power Chain ecosystem and expand the scale of X-power community.

Financial Department

Financial Department shall supervise the relevant financial affairs of X-power Chain Foundation, including capital management, accounting, cost control and audit, etc. Since the digital asset project has relatively high risk, Financial Department is also responsible for risk control and shall carry out analysis and evaluation for project operational and financial risks. X-power Chain Foundation will hire the audit practitioners with relevant professional Blockchain experience in order to guarantee the stability of its financial system and the openness & transparency of XPO use.

8. X-power Chain Community Establishment and Operation

8.1 Community Establishment

X-power founding team and the Foundation establish X-power Chain community by recruiting the members with the same values and pursuit. These members will endeavor to establish X-power Chain ecosystem and community together with the Foundation, provide quality information and thus get equal incentives together.

8.2 Community Establishment and Expansion

X-power Chain Foundation, core members, and partners will be responsible for the infrastructure establishment and maintenance of X-power Chain community, including:

Technology system: After the completion of X-power Chain community, X-power source code will be released for the community members to visit, learn, and jointly improve.

Application scenarios: X-power Chain has had many launched application scenarios, which will be released in batches. Meanwhile, the Foundation and the core members will continuously improve X-power Chain ecosystem quality and bring more extensive application.

Operational system: The Foundation will establish an entity which specialized in the ecosystem operation and responsible for X-power Chain ecosystem establishment, development, maintenance and publicity.

With the continuous development of the ecosystem, it will attract more members to join. With the good self-governance rules of X-power Chain ecosystem, the expansion rate of the community will continuously increase, and the community members will get more incentives.

8.3 Community Voting Mechanism

In the process of continuous improvement of X-power Chain ecosystem, the contribution of every community member is essential. Therefore, X-power Chain adopts community voting mechanism for the voting of core logic and business orientations. It adopts specialized smart contract for broadcasting and voting and thus creates dynamic voting process; and in this algorithm, dimension-lowering convergence is made for voting rights of the accounts to allow the voting result of community members relatively fair, and effectively restrict the act of attempt to hold plenty of resources to make malicious self-interest resolutions.

Since X-power Chain adopts PDPOS consensus mode, the vote generation of super nodes should also be in accordance with the voting mechanism of the community.

9. X-power Chain Team

9.1 Senior Consultants

Chen Maoxiong Leader of health preservation industry

Founding chairman of RWO-SHR Health Institute International, founded RWO-SHR Health Institute International in 1982. He has founded RWO-SHR Health Institute and branches in more than 10 countries and regions throughout the world, carries out academic exchange activities every year and makes great contribution to the global popularization of health preserving industry.

9.2 Management Team

Foundation CEO Yohei Ishii

Japanese, PhD in Materials Engineering of Brown University, is an Ivy League member, and Blockchain expert. He takes management position of important core technical R&D in Hitachi High Technologies America, Inc. He has years of experience in technological research and team leader & management and won the awards including youth researcher of international symposium.

Chief Officer of Product and R&D Department Nancy Deng

Canadian, PhD of electric and computer engineering in Canadian top university, McMaster University, advanced algorithm engineer, and senior Blockchain engineer. Worked at Canadian Evertz Microsystem/GPU/AMD/AION network, acted as leader of technical team, Blockchain technology R&D, and advanced algorithm research, etc., and has abundant experience in high technology field of Blockchain.

Chief Officer of Market Operation Maria Gao

American. International business specialty of business management in USC, profound attainments in marketing and computer science, and Blockchain researcher. Won Trojan Scholars Award that created many Forbes celebrities and had abundant experience in leadership and transnational team coordination. Acted as chief officer of Clarkston Consulting and Everwell For Life CEO.

Chief Financial Officer Rebecca Wang

Canadian, Master's Degree of management and accounting in Canadian top university, University of Toronto. Canadian chartered professional accountant. Worded at MNP LLP (the fifth largest accounting firm in Canada), participated in financial statement audit of many enterprises listed in North America, and has rich experience in financial management, risk control, and Blockchain finance.

10. Strategic Partners and Investment Institutions

10.1 Strategic Partners

Currently, X-power Chain has cooperated with more than 10,000 enterprises, which are global physical public scenarios (hotel, restaurant, health club, café, KTV, and bar, etc.) Below are some examples:

10.2 Investment Institutions

ChinaEquity Group

ChinaEquity Group Inc. (ChinaEquity Group) arranges the layout globally and is dedicated to high technology and cultural entertainment investment.

ChinaEquity Group is jointly established by Mr. Wang Chaoyong, investment bank expert studying in America and former chief representative of Beijing Branch of Morgan Stanley, and Swiss bankers. Mr. Wang Chaoyong is honored as investment godfather and one of the Chinese foreign students that enter Wall Street investment and financing circle.

Genesis Capital

GENESIS

创 世 资 本

Genesis Capital is a venture investment organization focusing on the Blockchain industry, and is committed to digging up quality early projects. At the same time, Genesis Capital is the first digital money fund engaging in investment banking and post-investment business in China, as well as provide long-term and comprehensive investment services for the market potential projects, funds and invested enterprises.

Top Fund

TopFund

Top Fund is a global leading venture capital and investment banking agency in Blockchain.
Top Fund Investment directions cover the basic public chain, application, underlying agreement and financial services in the Blockchain ecosystem, and provide all-around post-investment services for the invested projects, which have global influence and can achieve dozens of financial returns. At the same time, Top Fund builds a quantitative hedging investment strategy aiming at the two-tier market, to meet needs of various investors.

Trueway Capital
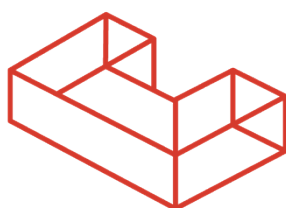
筹帷资本
TRUE WAY CAPITAL

Trueway Capital is a professional investment institution dedicated to Blockchain field, and establishes ecological layout in mining pool, transaction platform, science & media, and technical application, etc. It is devoted to the investment and incubation of excellent startup teams in Blockchain field, and promotes the reform and development of Blockchain technology.

Investment cases:

CyberMiles (CMT), JEX, Coindom (CCC), OneRoot (RNT), GIFTO, Zipper OS, TopChain (TOPC), Game.com (GTC), RenRen, Nebulas (NAS), BAIC, TrueChain, QUNQUN, WaykiChain, HotChain (HOTC), TokenClub, All Sport (SOC), ARMADA MINER (AMUT). DBX, FansTime

Sanshan Capital

Sanshan Capital is a digital asset investment management institution in the Blockchain field which is initiated by traditional Internet enterprises and traditional financial institutions.

It provides multi-dimensional support for many Blockchain enterprises in terms of capital, technology and operation. The core members of the team are composed of long-term front-line practitioners of Internet, top financial institution traders and top international Blockchain research experts.

Fengkuang Capital

Fengkuang Capital is the incubating growth investment institution composed of the founders of several Blockchains, and devoted to promoting the development of Blockchain. The institution has the technology from BAT, Blockchain experts, and Blockchain financial analyst with more than 15-year financial experience. In the investment support process, they give more coordination for the factors for the projects. Currently, it has invested in and withdrawn from 25 projects.

Huaruixiang Capital

Huaruixiang Capital is an investment instiuttion dedicated to Blockchain field. The background of the intitution is several listed companies.

11. Contact Details

Official e-mail: pr@xpower.one

Official website:

Legal Terms:

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Disclaimer:

This document only introduces the conditions of the project. The contents are for reference and do not constitute any transaction advice.

The investment in the project means the participant has the capacity for civil conduct, and the contract with X-power Chain is true and effective. The parties cooperate on the basis of free will.

X-power Chain will try the best to guarantee the settlement and implementation of the design contents of the projects, provided that there may be revision and upgrade of the document contents due to technical reform or other force majeure factors. Please be informed of the latest information from official website.

X-power Chain platform has explicitly stated the potential risks to the participants. Once the participants make project investment, it shall be deemed that they have understood and recognized the project statement and accepted the potential risks.