



XPCHAIN

WHITE PAPER

Chain Your Experience into Real Value

SINCE 2018

WELCOME TO XPC World



The eXPerience Chain Project is an open source project aiming at a society that enables people to gain new experiences by connecting people in the real world using cryptocurrency. The cryptocurrency “eXPerience Chain (XPC)” will be the currency to create the foundation for it.

In order for cryptocurrencies to be accepted by society in the future, it will be necessary to create a special user experience and some added value that can only be provided from cryptocurrencies. XPC-Project thinks that it should be fun to use cryptocurrency, and it aims the experience gained by using cryptocurrency to lead people's life long asset.

For example, there is a function called "Rain" which distributes cryptocurrency to an unspecified number of people on Discord. When Rain occurs, excitement and grateful energy overflows on Discord. Some people may simply collect rain, while others may get influenced and become the one to provide Rain, and some people have become popular by making a huge Rain. This is just a example of how a simple function like Rain can be a great opportunity to create a connection with people, become people's experience and their life assets. XPC-Project wants more people in the world to discover and feel these "enjoyments to use".

XPC-Project will start with two lines of development, service development and currency development.

GeoLink

GeoLink is a communication application using location information. Users can create "Rain clouds" of XPC in arbitrary places and distribute XPC (Rain) to XPC users around "Rain clouds". This event-rich feature has the role of connecting XPC with people offline.

XPCheck

It is a Total Web service operated by XPC-Project. By using Web Wallet with payment function and stake function, payment in real stores, services provided by affiliated companies and supporting activities in between individual users can be done. XPCheck mainly has the role of connecting XPC with people online. As an open source project, XPC-Project will build an environment where everyone can freely participate in development in order to receive rewards based on technology and ideas everyone has gained from experience. XPC-Project users would like to receive better service, developers would like to obtain more rewards. XPC-Project develops functions that support both users and developers achieve these goals. XPC team believes these functions will move XPC-Project in a better direction.

* The following service contents are planned for a future development, as of December 2018.

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XPC Feature



01
Based on Bitcoin 0.17.0



02
Age Burnable PoS (ABPoS)

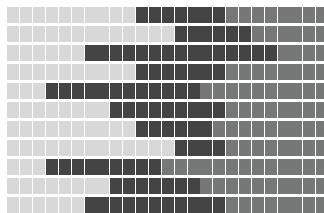


03
Global project

Based on
Bitcoin 0.17.0

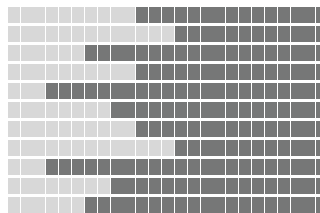


Without Segwit

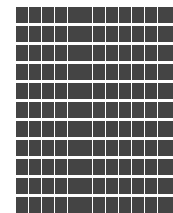


TXID + Signature

With Segwit



TXID

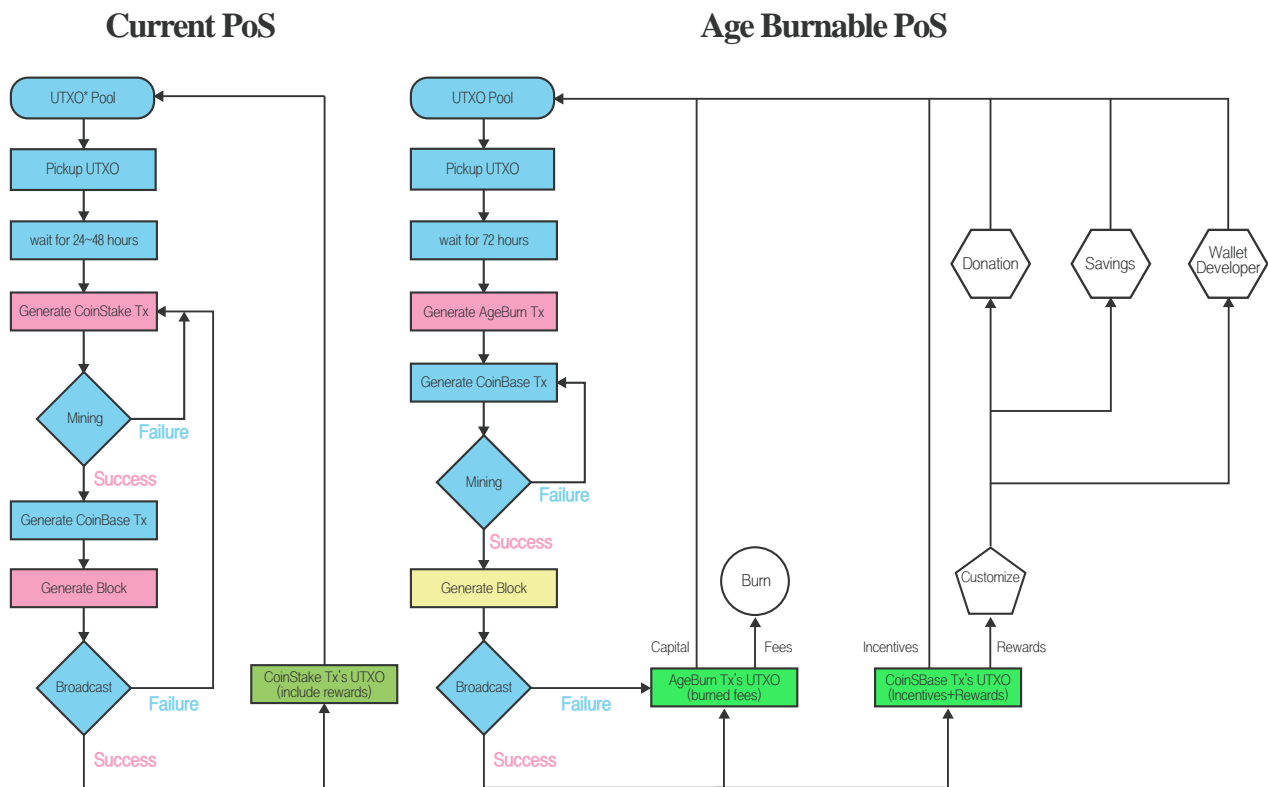


Separated Signature

XPC features a PoS method based on Bitcoin 0.17.0, which is a feature of Segwit. Segwit means “segregated witness”, and by separating electronic signatures from the transaction information, the weight of transaction is reduced and more storage space can be created on any given block. As a result, XPC can expect positive impacts on speed and network performance.

The latest plug-in for Bitcoin will be available to ensure the availability of new standards in the future. XPC values community focused practical implementation of the blockchain over performance improvements of the blockchain itself. With these advantages, XPC can focus on development to enhance the functions and services that users will benefit from. Instead of competing solely for the performance of the coin, XPC can determine if performance and functions are satisfying for community members, and continue development based on these metrics.

Age Burnable PoS



Proof of Stake (PoS) is a transaction approval and reward system created by the developer of Peercoin. Proof of Work (PoW), which is used by many cryptocurrencies, requires the calculation of high-performance computers that consume huge amounts of resources to approve transactions. PoS is a distributed system that receives transaction approvals from each node connected to a network. When compared to PoW, PoS consumes remarkably fewer resources. Anyone can connect an XPC wallet on their personal computer to the network and earn rewards for joining the approval system.

The Age Burnable PoS(ABPoS) system chosen by XPC will have a different reward system. The amount of the time to receive rewards, as well as the reward amount, will depend on the transaction CoinAge and the amount of coin. The reward will be distributed as an independent transaction that is separate from the staking transaction. Also, all transactions will require small fees, and 100% of these fees will be burned. As a result, the total amount of supply volume is reduced by the fees burned per stake. The biggest concern with PoS currency without a cap limit is the inflation. Although it may be a slight impact with ABPoS, fees will continuously be burned and increase staking and the transaction volume which in turn will work to keep the total supply of XPC in check.

The ABPoS has the greatest feature that enables conditional editing of the compensated transaction resulting from the successful staking of the transaction. An example of this is when someone runs a web service through a Web Wallet that can be staked. Making revenue is one of the most important factors in the operation of the web service. By modifying the reward transaction, the owner of the web service can easily cover some of the operating expenses from the reward received from the ABPoS system. This web service itself can earn reliable operational cost and can grow as a business.



Global Project

In order to spread XPC, establishing cooperative relationships with companies and small businesses is the best way to acquire new users and provide convenience. The corporate structure established by the XPC-Project will take a position as a representative in cases where corporate status is required; such as affiliation with companies, management of rights attribution, operation costs, and listing on exchanges. The XPC-Project will establish the XPC Foundation in the future and will systematically manage it. The XPC team has international members from various countries, such as the United States, Canada, Korea, Japan, Thailand, Italy, Slovenia, and Finland, and will develop services and marketing according to the regulations and guidelines of each country.

The XPC team will first plan to start two services; GeoLink and XPCheck, which can utilize XPC in Japan and Korea, and spread it to any global community. XPC's marketing targets are worldwide and in addition, aim to be the currency where XPC is used worldwide.

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XPC Prospect

On the Web there are many services that can use cryptocurrency, the most important among them being the Web Wallet that can manage cryptocurrency without relying on devices, such as PCs and smartphones. The XPC oriented ecosystem shows a new possibility in the cryptocurrency economy, keeping in mind the quality of "giving experience value to currency trading."

GeoLink

GeoLink is a communication application that uses location information, which is currently under development.

Users can create rain clouds of XPC in arbitrary places, and can perform an XPC distribution called rain, to XPC users around the rain clouds. It will create the opportunity for people to learn about the real stores, users to visit stores and for everyone to tell others the experience gained by it.

XPC rain clouds can create various things according to the application. Advertisements, events, and communications by GeoLink will become part of the daily life of XPC users. In addition, it will promote XPC to burn by the fee for rain clouds and rain.



XPCheck



XPCCheck is a Total Web service that can use XPC.

XPC will use a wallet running on the Web to provide a new user experience of cryptocurrency. As a function for that, the Web Wallet will introduce the new concept of “Wallet level” to reward the individual in the XPC network.

Wallet level will be based on the following:

- The amount XPC burned by transaction fee
- Number of successful PoS
- Number of Rain received

The amount of XPC burned is the transaction, the number of successful PoS is the utilization period, and the number of Rain received is to indicate the action. Each level goes up based on users activities and passions. It is possible for service providers to find users based on their Wallet level, and that will create an opportunity to selectively provide a better service to higher Wallet level users. Experience that your actions lead to level up will surely make XPC fun. These indicators for a leveling system are currently under planning, and will be decided along with development progress.

■ Payment function in real stores can be easily introduced

Cryptocurrency payment has a value for being able to “use” other than a payment method.

Of course, there is value added to the actual “use” and that will make life fun and enriched by using XPC.

[Store benefits]

- It will especially be a great fit for the small businesses and create the possibility to introduce a customer who they did not have the opportunity to approach until now.
- By getting a common topic called XPC, the distance to the customer inches closer.

[User benefits]

- Acquire a place where XPC holders can get together, and possibly develop into event planning
- Sharing experiences with people who met on the spot through Rain by using GeoLink
- XPC users are more likely to gain the Wallet level by using real stores.

■ Collaboration with companies

It is commonly perceived that blockchain technology and cryptocurrency are interesting topics but difficult to approach, becoming a problem in the scope of an enterprise. XPC team will further develop XPC by providing functional support such as XPCCheck / GeoLink and organizational support.

[Business advantage]

- Achievements through diffusion of cryptocurrency and utilization of its technology
- Promotion with a new user experience (Rain) using GeoLink
- Acquisition of users who are interested in using cryptocurrency
- Continuous use of services using ABPoS
- Understanding customer behavior and characteristics using Wallet level


[User benefits]

- Provide trust and sense of security for XPC users by affiliation
- Preferential treatment for leveling during Rain
- Use of affiliated services

■ Other functions

- Support functions for specific users

Diffusion of XPC Circulation



XPC-Project will start with spreading the "usable" field of XPC. People coming to the store talk with each other, and they are going to have fun and create small communities. For that to happen, it is important that users of XPC increase in smaller units rather than as a global unit, therefore, a corporation set up in each country sets the mission of building an XPC culture based in each country.

· XPC ‘Chainer’ program

A Chainer is an active user who spreads XPC. In order to become a Chainer, users will have to meet the required Wallet level and apply for this program with the necessary information.

In the Chainer program, if XPC payment is introduced to the store by the help of the Chainer, XPC is distributed to both the Chainer and the store through XPCheck. Also, if a store wallet does ABPoS, a network maintenance reward will be paid to Chainer by ABPoS function.

*XPC distributed throughout the Chainer program has a limit. Introduced stores will be offered new customers as store information gets posted on XPCheck. Chainers will be given benefits such as name credits to XPC-Project, partner business cards, invitations to policy decision making meetings, etc. depending on their grade.

· Corporate affiliate/sponsorship

By holding events tied up with companies such as gaming companies and by allowing XPC to be used on existing services. XPC-Project will broaden awareness as a cryptocurrency, expanding the available range of XPC usability and aim to approach new users. Planning to provide XPC as a sponsor and at events utilizing the Rain function and such, XPC-Project will make these things happen one by one when the timing is right.

· Approach to eSports

By participating as an eSports event and team sponsor, the XPC-Project aims to create an environment that enables XPC users to unite as a whole while spreading awareness as a currency globally. Participation will be streamed through video sites and real stores, and will provide a visual experience with Rain.

· Provide development support tools

- Provide XPC SDK
- Provide XPC Web Wallet API

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XPC Roadmap

2018 Q2-3

Prepare development environment and start development of XPC-Project

- Organization Establishment of XPChain Holding, LLC in New Mexico, Establishment of an Association in Japan Establishment of a Corporation in Korea
- Development Infrastructure environment development XPC Core Wallet development

2018 Q4

XPC-Project development and the testing for each function. The function tests will be open to the public and it will be done in a form that the user can actually experience.

- Organization Whitepaper and Roadmap Release
- Development Start operation of XPC mainnet XPC Core Wallet Release CCWallet to support XPC Payment function test using CCWallet
- Exchange First Exchange Listing

2019

Project's core functions will be released. Operate functional marketing towards small to medium size businesses for a start. Expand available range of XPC and gain more recognition.

- Development Web Wallet Release GeoLink Release XPCheck Release Twitch Bot Release
- Marketing eSports sponsorships

2020~

Expand the scope of use of XPC and gain achievements, and aim to create an environment that can be exchanged for Fiat in various countries.

- Organization Establishment of XPC Foundation, in New Mexico, USA
- Exchange Realize the exchange environment between XPC and Fiat

Based on the concept of "Experience the pleasure you never met by using cryptocurrency", XPC will hold a global event that can be completed by using only XPC, from flight ticket to hotel booking, and dining.

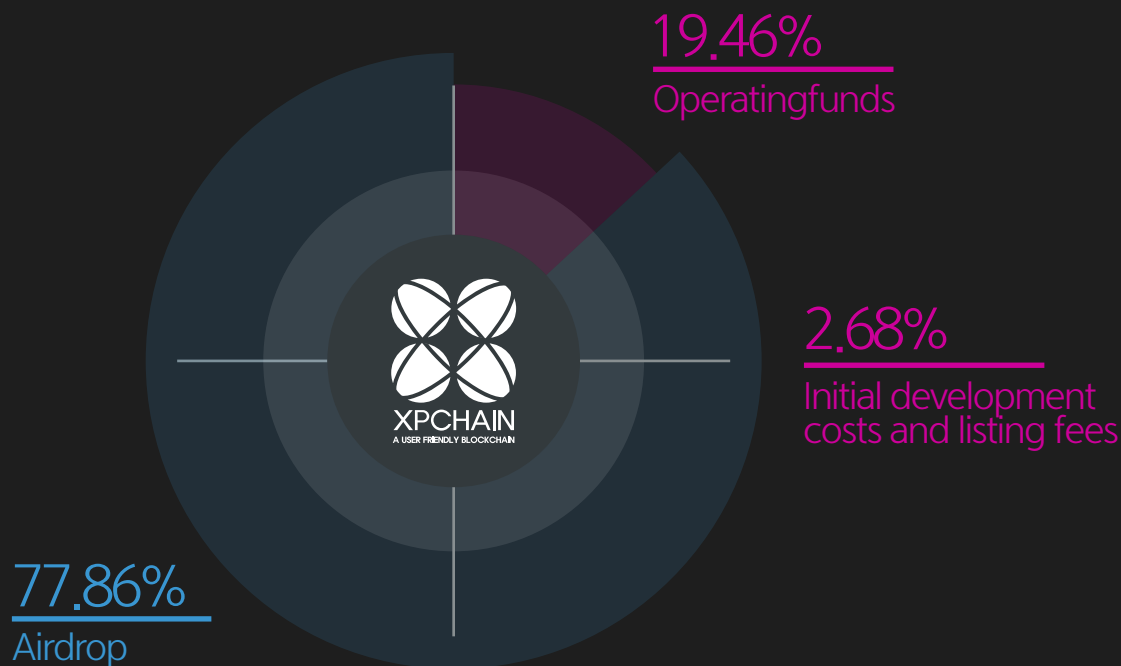
- Development Publish document for developers Following functions when Bitcoin version updates
- Marketing Company partnership announcement Event planning

As needed

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XPC Specification

XPC is built on Bitcoin 0.17.0. Therefore, all of its features are available and also compatible with existing libraries. XPC's ABPoS rate is 10% for a year after its release, and it reduces by 1% every year to 5% in the 6th year, after that it is fixed.



Base
Bitcoin 0.17.0

Algorithm
SHA-256d/PoW+PoS (PoW is only for Premine)

Initial issue count
113,025,000,000 XPC
(AirDrop: 77.86%, Foundation Lock-Up: 19.46%,
Initial development costs and listing fees: 2.68%)

Max supply limit
N/A

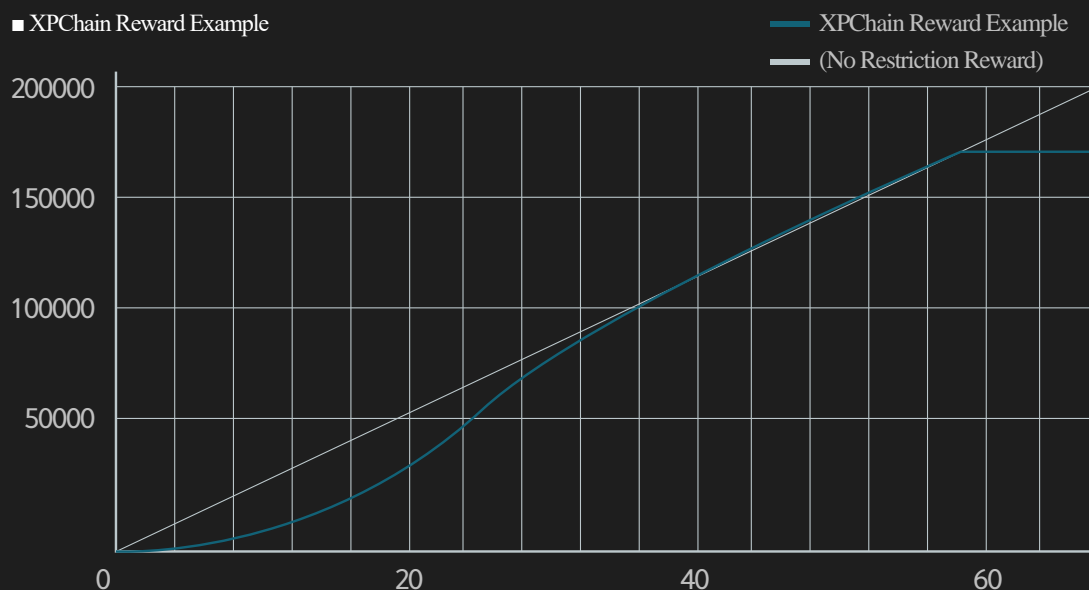
Commission fee
0.1 XPC/kB

Block interval
60 seconds

Block reward	<div><div></div><div></div></div> <div>11000000000</div>	11,000,000XPC
1 YEAR	<div><div></div><div></div></div> <div>10276525600</div>	10%
2 YEAR	<div><div></div><div></div></div> <div>5256011051200</div>	9%
3 YEAR	<div><div></div><div></div></div> <div>10512011576800</div>	8%
4 YEAR	<div><div></div><div></div></div> <div>15768012102400</div>	7%
5 YEAR	<div><div></div><div></div></div> <div>21024012628000</div>	6%
6 YEAR –	<div><div></div><div></div></div> <div>2628001</div>	5%

Age Burnable PoS Calculation Base

ABPoS has set 3 days as the casting period until obtaining PoS fee, and during this time you can not receive PoS fee. The interest rate will increase according to the casting period, which will be the maximum in 60 days. The longer maturation period is adjusted to increase the interest rate, and we try to solve the problem which is significantly different from the real interest rate by mining over and over in a short period of time. The annual rate of PoS is an approximate value, and it does not necessarily get% PoS reward displayed in the above.



Operation of XPC Foundation

The initial issue count of 3.024 billion XPC will be used in advance for development costs of the XPC team and initial private sales for the cost of initial listing fees and marketing. The balance will then transfer to the XPC Foundation for the initial operating budget. 80% of the first 110 billion XPC issued (88.1 billion XPC) will be used for an Airdrop. The XPC Foundation will hold 22 billion XPC.

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XPC Organization



「Global」XPC-Global

The XPC team is preparing to establish a 501(c)(3) organization (XPC Foundation) in New Mexico, USA. The key developments of XPC such as Wallet will be carried out by XPCChain Holding, LLC.

In addition, 501(c)(3) organization establishment will take time to be certified.

The first councilors include 2 Americans, 2 Korean, 2 Japanese and 1 Italian.

Corporation Name: (in process of establishment)

Location: New Mexico, US

Councilors: Jason Brink, Kaori Yamaoto, Massimiliano Merzi, Souhei Miyazaki, Brandon Beres, Haley Kim, Eddy Park



「Japan」XPC-JP

The XPC-JP Association will expand the scope of use in Japan and make a company affiliation as the main mission.

The XPC-JP Association also carries out tasks such as approval and support of the Chainer program, translation support of each language, and acquisition of licenses. Some members will go to relevant organizations and conduct development.

Corporation Name: General Incorporated Association eXPerience Chain Japan

Board Chairman: Souhei Miyazaki

Board Members: Wit Sumathavanit, Yusuke Obayashi, Yosuke Kiyohara, Kazuma Yamamura, Katsuhiko Ajiki



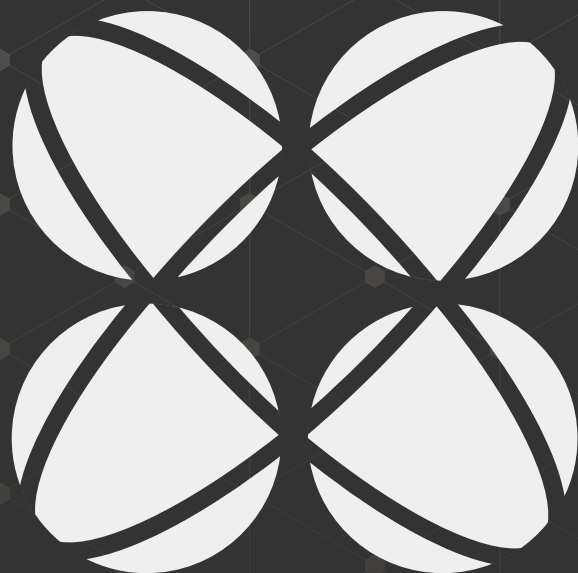
「Korea」 XPC-KR

A corporation, WEbrick, has been established in Korea in order to strategically expand XPC's infrastructure, and it will develop blockchain software and expand its marketplace. Some XPC service conceptions are already completed and awaiting application after XPC launches, and are targeted to be introduced in Q4 2019. WEbrick corporation will focus on projects that can provide a more user-friendly approach and seek ways to expand XPC's infrastructure not only in Korea but also around the world. In Korea, WEbrick corporation will be in charge of systematic and transparent operation and management of the community, and the community operation team will have full control over the operation. In addition, the XPC Alliance Club will be expanded with small businesses to supply XPC and expand the market.

Corporation Name: WEbrick

Representative: Sangsu Lee, Arnold Cho

Executives: Eugene Kim, Minho Jeong Ethan Lee, Haley Kim, Eddy Park



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