



PBS CHAIN

2020 WHITEPAPER 1.0

Abstract

This paper presents PBS Chain. PBS chain is a platform currency representing value and wealth in the decentralized economy used for the exchange of values between Pbs Chain companies, employees, customers, and other third-party entities. It aims to spread the benefits of Peoples, by unlocking data while preserving privacy. It helps power marketplaces to buy/sell and earn, PBS Chain does decentralized orchestration: at its core are decentralized service agreements and decentralized access control, which execute on decentralized virtual machines.

PBS chain's aim is to help people, build trust, make peoples closest together. PBS Chain is a Non-profitable token, by this token the company will not take any profit, all balance will get users free, no ICO/Presale will be on this company,

It's a promising project to give a profit to all people who will be on this company, PBS Chain is a Decentralised and open source token in Binance Smart Chain Blockchain Network

LEGAL NOTICE

Please read this legal notice carefully. If you are unsure about your future actions, we encourage you to seek professional advice from law and finance experts.

This white paper is for the purpose of providing information related to the project at the time of its creation and does not constitute a contractual obligation. The disclosed information may be amended freely to comply with regulatory obligations of the authority or due to inevitable reasons during operation of the project. However, if PBS CHAIN changes the token's function, this white paper will be adjusted accordingly and will be posted on PBS CHAIN website.

The information and data contained in this white paper are acquired from reliable sources, but we have not verified information or data from third-party sources, nor did we confirm the underlying assumptions. The information contained in this White paper is accurate, and the assumptions are reasonable. However, this does not imply a complete guarantee of this information's accuracy.

The purchase of PBS CHAIN token occurs based on participants' voluntary action. Therefore, you should review the information contained in this white paper as well as other information provided by PBS CHAIN. You must be prepared for unforeseen hazards or uncertainties that may cause you unpredictable harm. The duration of the financial risk can be applied without limit.

Although this white paper is not designed to protect any administrative contracts or customer overinvestments, we will make every effort to comply with regulations. In the case of decisions that are currently unregulated or controversial, we will prioritize the benefits of participants.

Some of the expressions in this white paper contain forward-looking statements about the future of the project. It may be different from predetermined result and should not be promised or claimed. All the contents are explained under the condition that PBS CHAIN platform is fully operational but it should not be interpreted as a guarantee or commitment to the completeness of PBS CHAIN, and we are not legally responsible for actions taken on this basis.

PBS CHAIN tokens do not grant the authority to participate in the operation of PBS CHAIN; therefore, it does not mean PBS CHAIN tokens grant an authority or any representation of it even when information or explanation of PBS CHAIN is provided. This means that they do not include any elements of contractual relationship. We will provide intended functions of PBS CHAIN tokens for PBS CHAIN, and all proceeds from PBS CHAIN will be freely available for service development and business acquisition.

Table of Contents

1. START OF A PROJECT	4
1.1 Fourth Industrial Revolution and Blockchain	4
1.2 Blockchain and Payment	5
2. MARKET THAT PBS CHAIN IS FOCUSING ON	6
2.1 Ebay and Sotheby's Meeting	6
2.2 Worldwide Art Products Trading Scale	7
2.3 Domestic Art Products Trading Scale	9
2.4 Changes in domestic distribution channels: department stores selling artworks	9
2.5 PBS CHAIN AND ARTICAL TRANSACTIONS	10
3. PBS CHAIN'S SOLUTION IS ALSO ART.	11
3.1 Mobile Wallet	11
3.2 VIP Membership	11
3.3 Simple payment coexisting with traditional means of payment	12
4. EXPANSION OF PBS CHAIN	13
4.1 Large offline distribution network expansion of PBS CHAIN	13
4.2 PBS CHAIN AND E-commerce Alliance	13
4.3 PBS CHAIN AND Live commerce	13
4.4 PBS CHAIN's entry into the global market	14
5 PBS CHAIN'S VALUE ADDED SERVICES: VIRTUAL ASSET MANAGEMENT SOLUTIONS	14

6	PBS CHAIN WALLET	17
6.1	Security	17
6.1.1	Decentralized Wallet Service	17
6.1.2	Biometric technology	19
6.2	Basic Functions	19
6.2.1	PBS CHAIN Secured Custody Wallet Service: Storage of crypto, asset management and wire transfer	19
6.2.2	PBS CHAIN supporting crypto	20
6.3	Advanced Functions	21
6.3.1	Crypto Conversion	21
7	PBS & PBS CHAINCASH	21
7.1	PBS (PBS CHAIN TOKEN)	21
7.2	PBS CHAIN CASH	22
7.3	PBS CHAIN Payment Solutions	23
7.3.1	CPM (Customer Presented Mode)	23
7.3.2	Stable Value Solution for Merchants	23
8	PBS ECOSYSTEM	24
8.1	Fund Allocation Plan	25
9	ROAD MAP	26
9.1	Token Tracker	26
10	PARTNERS	27
11	Use Case & FAQ	28

1. Start of a project

1.1 Fourth Industrial Revolution and Blockchain

The first industrial revolution sparked by the invention of steam engines in the 18th century led mankind to face the start of a new civilization through mechanization. The invention and supply of electric energy in the early 19th and 20th centuries enabled the market to be supplied through mass production, resulting in explosive market size growth. The Third Industrial Revolution is the indispensable dissemination of computers and the Internet today in everyday life and industrial fields. Not only can humans easily obtain the necessary information, but the process of storing and re-sharing newly acquired information has also been facilitated. The spread of computers and the Internet has led to the emergence of new and diverse business models based on IT, creating a market that meets new demands. With the advent of e-commerce based on the Internet and platforms in offline commerce, the emergence of search engines that enabled us to acquire information through books and newspapers, the advertising market formed through them, and the emergence of smartphones that are responsible for functions beyond phone calls, we are living in a completely different environment from the past due to the spread of computers and the Internet.

Advances in technology triggered by the third industrial revolution have changed our lives faster and more convenient. Continued efforts by mankind have begun to introduce new technologies such as artificial intelligence (AI), the Internet of Things (IoT), autonomous driving, and big data, and these technologies are making various attempts on areas that were considered only human domains in the past. An era has begun in which computers judge and execute themselves on human-controlled computers.

One of the keywords we cannot leave out when talking about the Fourth Industrial Revolution is blockchain. Despite the infinite potential of blockchain and its usability within the industrial structure, it is still not easy to find traces of changes that touch the skin in our real lives, as in other areas of the Fourth Industrial Revolution. One of the reasons for this reality is the institutional imperfection of virtual assets* (a general name for cryptocurrency under the "Act on Reporting and Use of Specific Financial Transaction Information" revised on March 5, 2020), which is closely related to blockchain projects. Institutional imperfection has encouraged speculative demand rather than seeking to expand the business through the development of original technology and has blocked the development and utilization of blockchain technology in real life by producing numerous scams

projects that were aimed at virtual assets themselves.

Our PBS CHAIN project has started with the question, how our PBS CHAIN project will be able to incorporate blockchain technology, one of the pillars of The Fourth Industrial Revolution that no other projects have solved. It is true that there were many projects that started with the same agony but none of them had a tangible success in real-life use . We benchmarked a number of projects that started with similar concerns and set three goals at the starting point of the project: "Feasibility," "Profitability" and "Continuous Growth." The goal of the PBS CHAIN project is to create a business model that can grow constantly to implement a feasible blockchain project and survive as a sustainable company.

1.2 Blockchain and Payment

There are many different areas where blockchain can be applied and used. It is highly valuable in the financial sector, such as areas where global financial institutions can simplify the complicated documentation of trade finance and sectors to reduce excessive costs and time applied to cross-country remittances. Blockchain is also a valuable area for transparent management of personal information, such as electronic IDs and e-government systems, which are diverse in Estonia's. Blockchain is also being used on a trial basis for transparent voting management.

The most active area of blockchain projects related to virtual assets is the payment and payment sector. Many projects are making various efforts to increase the utilization of virtual assets within their respective project ecosystems, just as Bitcoin, the flagship of virtual assets, is testing their potential as a means of payment and settlement through merchants worldwide, although their use is still insufficient. The most representative case was the announcement that Bakkt, the cryptocurrency exchange of the parent company InterContinental Exchange (ICE) of the New York Stock Exchange, will launch an app for cryptocurrency payment systems for general consumers in the first half of 2020. With the signing of the flagship store agreement with Starbucks, many people were interested in the expectation that the era of buying Starbucks coffee with bitcoin would come. However, the reality is that even projects with abundant capital power admit that there are many challenges to real-life settlement of virtual assets.

In order for virtual assets to be utilized properly in our real lives, first, the variability of virtual assets must be acceptable in the market. Starbucks, which was mentioned earlier, is also most concerned about the risk of volatility in order to accommodate virtual assets as a means of

payment. The second is the creation of a system environment in which virtual assets are mixed, such as cash, points, credit cards, etc. Considering the environment in which traditional payment methods cannot disappear, an environment that can coexist with existing payment methods is needed. As an example, it is worth noting that mobile payments are on the rise in the domestic market, but growth has been delayed due to the burden of expense related to the POS introduction of merchants in a market dominated by existing plastic cards in the early stages. Third, it is a matter of scalability to open Loop, which allows the virtual assets of the project to be used only by limited merchants within the project's ecosystem, such as certain prepaid cards or gift certificates, to be used by various merchants. After all, there must be many places available for virtual assets to become a stable payment method in the market.

The PBS CHAIN project focuses on the payment settlement market to promote feasibility, profitability and sustainable growth. It aims to effectively manage variability, make it available with other traditional payment methods, and create a structure in which virtual assets can be utilized at various franchises. Making this possible is seen as the most important factors in the traditional payment settlement market, finding a market that can maximize unsecured efficiency, strategic alliances that can effectively expand franchise networks, and implementing a business model that can secure trust from market participants.

2. Market that PBS CHAIN is Focusing on

2.1 Ebay and Sotheby's Meeting

The trade of the best works of art in human history has been the exclusive property of super rich people who are not accessible to the public. As assets increase, the desire to possess rare masterpieces has continued to this day. Due to the learning effect that rare artworks explode in asset value over time, they are now positioned as a pillar of the portfolio of investments from simple ownership. For hundreds of years, Christie and Sotheby's are the two main mountains of such art trade.

World Art Market: Amount and number of transactions

Year	Value(\$m)	Volume(m)
2009	\$39,511	31.0
2010	\$57,025	35.1
2011	\$64,550	36.8
2012	\$56,698	35.5
2013	\$63,287	36.5
2014	\$68,237	38.8
2015	\$63,751	38.1
2016	\$56,948	36.1
2017	\$63,683	39.0
2018	\$67,653	39.8
2019	\$64,1234	40.5
Growth 2018-2019	-5%	2%
Growth 2009-2019	62%	34%

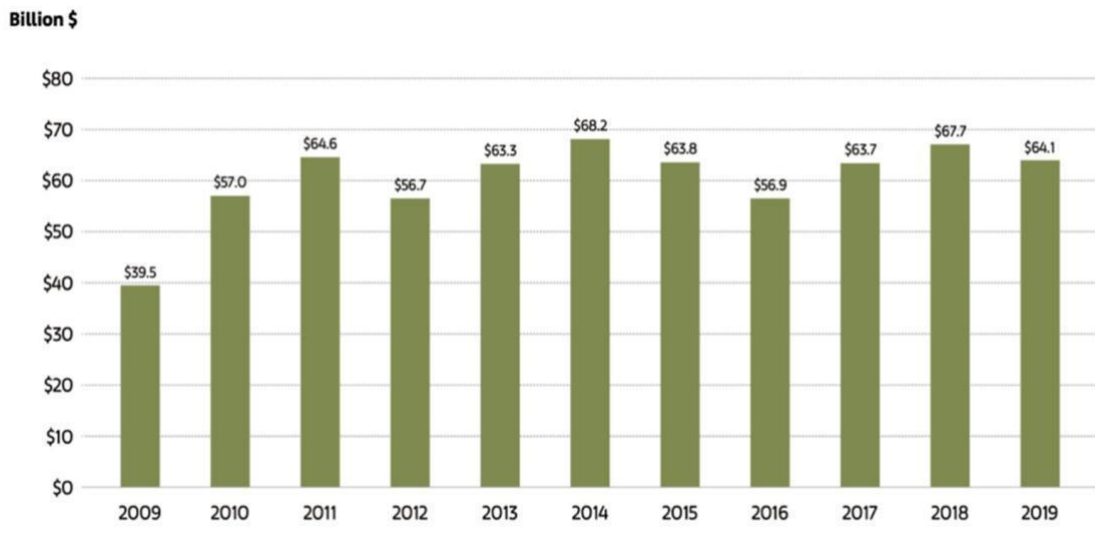
©Arts Economics(2020)

With the addition of modern people's sensibility and cultural needs, interest in low-priced art-related products for decoration or interior purposes as well as expensive artworks has continued to grow, and the market has exploded. In line with these modern needs, Christ opened up online art deals, enjoying explosive growth and outstripping rival Sotheby's. As a result, Sotheby's, which focused on classical methods, has joined hands with eBay, a global e-commerce powerhouse, to carry out art sales within the eBay platform for an online business model to counter Christie's. Art trade through offline auction is still an important part, but the traditional paradigm that art trade must be done offline has begun to change. In line with this trend, many e-commerce companies have begun selling art-related products online.

2.2 Worldwide Art Products Trading Scale

According to Arts Economics (2020), the volume of transactions of art-related goods worldwide is estimated at US\$64.1 billion (about 77 trillion won, 1,200 won in exchange rates) as of 2019. The total number of transactions amounts to as many as 40 million. Compared with 2009, a decade ago, the total volume of transactions grew 62 percent, with a 34 percent increase in terms of transactions. A larger growth in transaction amounts compared to each transaction case means that the average transaction amount per transaction is large. The increase in the number of transactions and the amount of transactions is largely attributed to the online e-commerce platform.

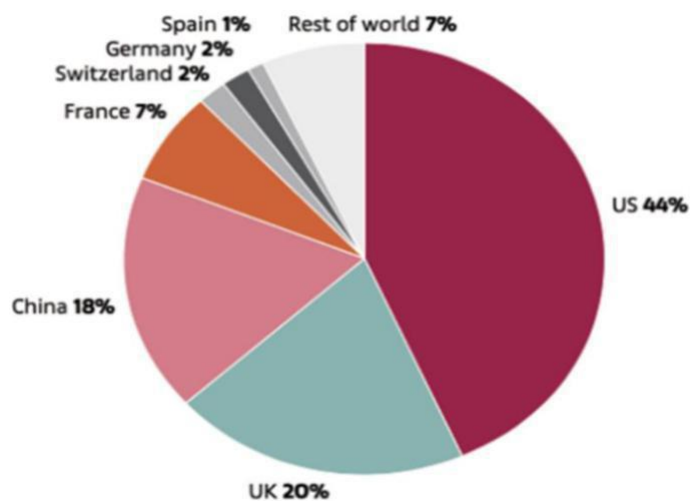
World Art Market Sales (2009-2019)



© Arts Economics (2020)

By trading country, the U.S. (44 percent), Britain (20 percent), and China (18 percent) account for 82 percent of the total volume of transactions. The United States has been unrivaled in art trade for the past 50 years, which is why high-value asset managers account for the largest portion, according to Arts Economics. It is also analyzed that the United States has the best infrastructure for inter-country art trade.

World art market share by country in 2019



© Arts Economics (2020)

2.3 Domestic Art Products Trading Scale

2018 Art Market Volume

2018 Estimating the size of art market in Korea

	Channel	Amount(a) (one million won)	Amount(b) (one million won)	Total(a)-(b) (one million won)	Duplicate content
Main Distrib ution- Areas	Gallery(N=460)	195,387	26,795	168,628	A. Excluding sales of architectural pcs
	Auction Company(N=10)	151,147	-	151,147	-
	Art Fair(N=53)	73,290	69,108	4,182	B. Excluding art works sold at art gallery
	Sub Total	419,824	95,867	323,957	

	Channel	Sold pcs(a) (pcs)	Overlapped pcs(b) (pcs)	Total(a)-(b) (pcs)	Duplicate content
Main Distrib ution- Areas	Gallery(N=460)	12,276	138	12,138	A. Excluding sales of architectural pcs
	Auction Company(N=10)	19,839	-	19,839	-
	Art Fair(N=53)	9,693	4,916	4,777	B. Excluding art works sold at art gallery
	Sub Total	41,808	5,054	3,6754	

According to the data by K-Art market, the volume of transactions of art products in Korea is tallied at around 420 billion won as of 2018. Major distribution channels are tallied in the order of galleries, auction houses and art fairs. By 2018, the trading volume was relatively small compared to the global market size due to a combination of reasons such as restrictions on distribution channels and the reputation of Korean artists.

2.4 Changes in domestic distribution channels: department stores selling artworks

As of 2019, a new distribution channel has emerged in the trade of local art works. Art works, which used to be traded mainly through galleries and auction houses, began to be traded through department stores. On the third floor of Lotte Department Store's Avenuel World Tower branch, the high-end art pop-up store "Bellamusje" sold five paintings by Frankie artist for \$50 million (about 59 billion won). Lotte Department Store, a traditional distribution powerhouse, has emerged as a new distribution powerhouse in art trade.

"Bellamusje" was a feat created by Lotte Department Store and the Korea Institute of Arts Evaluation, in French, a beautiful art museum. As a result of the sale of works by surviving Korean artists for 59 billion won, a number of large companies have expressed their willingness to actively participate in the domestic art trading market and are experiencing paradigm shifts in art trade in Korea. Lotte Department Store plans to use certain spaces in the department store in earnest for the sale of art products, taking advantage of the performance of the

Bellamus system. As the participation of large companies expands, it is predicted that the trade of artworks by renowned Korean artists will become more active, which will serve as a milestone for the expansion of domestic business models to the US\$6.4 billion global art trading market.

2.5 PBS CHAIN AND ARTICAL TRANSACTIONS

PBS CHAIN is planning to work with new distribution channels for art transactions such as department stores. I would like to answer questions about why PBS CHAIN is paying attention to the art market and why large distribution channels need a payment settlement solution from a blockchain company.

► Problems with traditional means of payment

As in the case of the Bellamus, the unit price of art traded at Lotte Department Store ranges from a few billion won to as much as tens of billions. Many luxury goods were previously distributed at 20 department stores, but the individual unit price never reached billions. Currently, Lotte Department Store has a limit on payment by credit card, etc., so the payment system can be changed only at a huge cost. In addition, for overseas buyers, there are additional risk factors (cancellation of approval after settlement or non-payment of payments) for the use of credit cards issued abroad, along with the limited issue. In addition to physical restrictions that cannot directly bring in large amounts of cash, there is a problem of having to pay a complicated foreign exchange report process and a high fee for the transfer of foreign currency. The risk of exchange rate volatility is another cost the buyer has to bear.

► New Solution: Blockchain and PBS CHAIN

PBS CHAIN, which set the actual use of blockchain and virtual assets in our real lives as its top goal, noted the problems in art trading through department stores. Blockchain and virtual assets can be applied to free movement of funds between countries and address the high cost burden arising from changes in existing payment systems. It also has the advantage of being able to easily solve complex document problems between vendors and users. Just as PayPal serves as a channel for checking balances to participate in the auction and settling funds between buyers and sellers in eBay's art trading process, it will solve problems that existing payment methods have not solved in the auction in the sale process at large department store and play a role like PayPal in eBay.

► Business partnership for practical business execution

PBS CHAIN has signed contracts with a number of artists for the use of PBS CHAIN in the trade of artworks and art-related products through a large distribution network.

PBS CHAIN, together with a number of signed artists, will utilize the use of PBS CHAIN for art trading and art-related merchandise transactions in large distribution networks or department stores, and will step up technical preparations to ensure that virtual assets issued by PBS CHAIN are used for practical transactions in large distribution networks or department stores. The size of the art trading and distribution market for art-related products is expected to expand even more based on online network, including eBay, and thus the size of PBS CHAIN's payment and profit structure are also expected to grow bigger after the implementation of the business.

3. PBS CHAIN's solution is also art.

3.1 Mobile Wallet

Payments via mobile phones, which have become a necessity for everyone, are exploding. PBS CHAIN is developing a mobile wallet that stores virtual assets and can be used to pay for the actual artwork. In line with this growth trend, the mobile payment market will continue to grow, and in addition to the basic functions of storing and transferring virtual assets, the payment function for purchasing art products at department stores will be added. First of all, it will support the purchase of artworks through department stores through PBS CHAIN-only virtual assets as well as high-liquidity virtual assets such as Bitcoin and Binance Smart Chain for overseas.

Considering the high cost of changing POS or changing its own payment system in department stores, the company plans to develop Wallet, which helps department stores purchase their own gift certificates and points as virtual assets in the early stages, to reduce the cost of system development at department stores, and gradually establish a system that allows them to purchase art directly as virtual assets.

3.2 VIP Membership

VIP membership will be implemented to activate the PBS CHAIN mobile wallet and increase the participation of high-value asset managers in the art distribution process. To become a VIP of PBS CHAIN, you must open a PBS CHAIN Mobile Wallet and deposit an amount corresponding to PBS CHAIN's VIP qualification requirements in the PBS CHAIN Wallet. VIPs will be given the right to participate in art auctions held at department stores and will offer discounts on purchases of various art-related collaboration products scheduled to take place in the future at department stores.

Additionally, regular free events for VIPs will be held to lay the foundation for PBS CHAIN's Wallet to become more active.

It will also give ordinary members an opportunity to be promoted according to their deposit amount, total amount of use and number of use cases, and provide them with application of differentiated discount rates and various compensation programs depending on their membership grades. Through these membership programs, we will create a PBS CHAIN that will increase customer loyalty and continue to expand.

3.3 Simple payment coexisting with traditional means of payment

PBS CHAIN will work with its partner, THE PBS CHAIN COMPANY, to build a mobile payment platform by utilizing the original technology and networks held by THE PBS CHAIN COMPANY.

THE PBS CHAIN COMPANY is a company with differentiated technology in the KIOSK field along with experience in building various service platforms, and KIOSKS that are installed and being operated globally. It will apply PBS CHAIN's mobile payments to unmanned KIOSK installed in large business franchises, small business owners, global travel destinations, hotels and resorts to provide technical support so that virtual assets and traditional means of payment coexist. Through the partnership with THE PBS CHAIN COMPANY will contribute for PBS CHAIN to become a payment platform with maximized utility and convenience for PBS CHAIN customers while not limiting its use only in artworks.

<THE PBS CHAIN COMPANY's Mobile Convenience payment>



4. Expansion of PBS CHAIN

In the art auction and the distribution market of art-related goods, PBS CHAIN plans to secure a foundation for generating stable profits. As the market for art-related collaboration products grows, the initial entry of PBS CHAIN will secure financial and technical know-how to expand in markets.

4.1 Large offline distribution network expansion of PBS CHAIN

Based on cooperation with large department stores, PBS CHAIN plans to expand its payment network to department stores and hotels affiliated with large companies that are interested in mediating art products. As mentioned earlier, it would be a greater opportunity factor for PBS CHAIN, an early market entrant, given the continued growing interest of large retailers in artwork brokerage and art-related collaboration products.

4.2 PBS CHAIN AND E-commerce Alliance

Sales of art-related products continue to increase on various online e-commerce platforms. Compared to the large offline distribution network, transactions are still relatively low-priced products, and PBS CHAIN will provide payment solutions by planning art-related products and PB products through partnerships with e-commerce companies as well as offline distribution channels. It is planning a strategy to enter the market that maximizes profitability through sales fees of planned products through distribution channels as well as profits through payments.

4.3 PBS CHAIN AND Live commerce

Recently, Live Commerce has emerged as the most notable marketing method in China. Live commerce is a combination of live streaming and e-commerce and refers to the way that influencer, called Wang Hong in Chinese with many followers, sells products through live streaming on e-commerce platforms such as Taobao.

► Continuously increasing the number of online users in China

According to iiMedia Research, the number of viewers for China's online live broadcasting reached 500 million in 2019, with a large number of people watching games, celebrity performances and live broadcasts selling products. In 2020, the number of viewers for live broadcasting is expected to increase to 524 million, and it is gradually becoming our daily life channel for commerce.

According to the China Internet Information Center (CNNIC), the number of Chinese live commerce users reached 265 million in the first quarter of 2020, which is equivalent to 29.3 percent of all netizens in China. According to China's Commerce Ministry, the number of transactions using live commerce exceeded 4 million in the first quarter of 2020. According to iiMedia Research, the size of the live commerce market grew rapidly from 2016 to 2019 at an average annual increase of

535 percent, and in terms of the size of the Chinese live commerce market alone in 2019, it reached 433.8 billion yuan, up 225 percent from the previous year. The market is expected to double from 2019 to 961 billion yuan in 2021.

< China's live commerce market size and year-on-year growth rate (unit: 100 million yuan, %)>



Products sold through Live Commerce are not limited to consumer goods. Live commerce can be used in a variety of areas, including automobiles and even real estate. Under the contract with Wang Hong Association, PBS CHAIN will provide payment solutions for Wang Hong's sponsorship of activities and sales of goods, and distribute PBS CHAIN's art products through live commerce.

4.4 PBS CHAIN's entry into the global market

Its membership in the local Artists' Association is around 100,000, with the recognition of local artists continuing to rise in overseas markets. It is predicted that Korean artists will continue to expand their exhibition or sales space in overseas markets, not just in the transactions of art works in the domestic market. PBS CHAIN plans to support exhibition/sales through large distribution networks for members of the Korean Artists Association, seeking a foothold in the global market, while PBS CHAIN also plans to maximize its utilization in global distribution channels.

5 PBS CHAIN's Value Added Services: Virtual Asset Management Solutions

Virtual asset wallet services should provide world class safety while storing customers' virtual asset so that services should give the peace of mind to customers. Also, deposit, withdraw and transfer should be very convenient. However, safety and convenience can't guarantee wallet services' competitive edge in the marketplaces. Safety and convenience shall be a sort of mandatory for wallet services. Thus, PBS CHAIN is planning to provide the customers with , what we called, "Virtual

Asset Management Solutions" to enhance much bigger user base in addition to PBS CHAIN's payment solutions.

► **Asset Management Markets related with Artificial Intelligence(AI) Solutions**

Recently, artificial intelligence technology based asset management advisory and consignment asset management services has been introduced. Actually, professional asset management advisory services and consignment asset management services have been accessible to only VIP customers of each financial institution. There has been the hurdle for general individual customers to get those professional services due to limited resources of financial institutions.

AI based asset management advisory services and consignment asset management services have been developed to provide the professional services to more general customers rather than VIPs. However, AI based services require long time to collect long historical financial transaction data. In addition, it takes truly long time to put the historical trading and financial data into AI by using of the function. Even after this development, AI based solution should go through long test period to make sure outstanding trading results. Due to these time and development cost, some few venture companies that invested long time and development cost are providing AI solutions rather than traditional financial institutions.

► **Reality of Virtual Asset Investors**

The market history of virtual assets such as Bitcoin and Ethereum is quite shorter than that of traditional financial assets or commodity. Also, the liquidity supply level of virtual asset markets is much lower than traditional financial markets due to the limited participation of financial institutional investors and uncertainty of government policies. Especially, the price fluctuation of many project tokens has been drastic due to uncertain information on circulating token volume and limited information exposure to public. This price fluctuation has seriously caused the financial loss of general individual investors. Many individual investors has participated in virtual asset markets without detailed technical analysis; thus, they are totally exposed to financial risks at the virtual asset trading markets, which are operated 24 hours a day.

► **Virtual Asset Management Solutions based on Artificial Intelligence**

With close business partnership with venture companies that have proven technical capabilities in the traditional financial markets, PBS CHAIN will collect historical trading data of major virtual assets and provide the customers with AI based virtual asset management solutions which has the optimal trading method by functionalizing all historical transaction data. If PBS CHAIN focuses on only major

coins such that have fluent liquidity, It will take much shorter time to develop AI based asset management solution.

AI based virtual asset management solutions will be operated by individual investors rather than PBS CHAIN operation team. However, if there's clear legal guidance, PBS CHAIN will proceed consignment virtual asset management services on behalf of individual investors moving forward.

Management method	Management by individual investor	Consigned management
Account	Individual's self account	PBS CHAIN's corporate escrow account
Solution Usage	Purchase (Periodic solution purchase)	Services Charge (Depending on Deposit/Period)
Deposit & Withdrawal	Anytime	Deposit: Immediate Withdrawal: T+2
Asset Type	BTC, ETH, BCH, BSV	Major coins and Tokens
Investment Type	Aggressive, moderate, conservative	Aggressive, moderate, conservative
Asset selection	Individual investor	Individual investor
Profit Sharing	Investor 100%	Investor 80% vs. PBS CHAIN 20%
Additional Reward	PBS airdrop	Additional Reward

(Note: Corporate escrow account - Financial institutions or external law firm approve customers' asset withdrawal for transparent proceeds management. All proceeds shall be separately managed from PBS CHAIN's corporate assets.*

The method of management by individual investors can enable the investors to choose investment assets depending on personal preference. Also, all transaction will be done through self account so that investors can monitor and control all assets directly at any time. Consignment management type will proceed all detailed due diligence on newly introduced tokens so that individual investors can have diversified investment portfolios.

► Expansion to additional value added services

In addition to payment solution for artworks and AI based virtual asset management solutions, PBS CHAIN will provide low cost OTC services, TOKEN Sales, various investment related information to customers. PBS CHAIN will drive diversified revenue pipelines and enhance PBS CHAIN wallet growth going forward.

6 PBS CHAIN Wallet

Universal-Device Sync Wallet

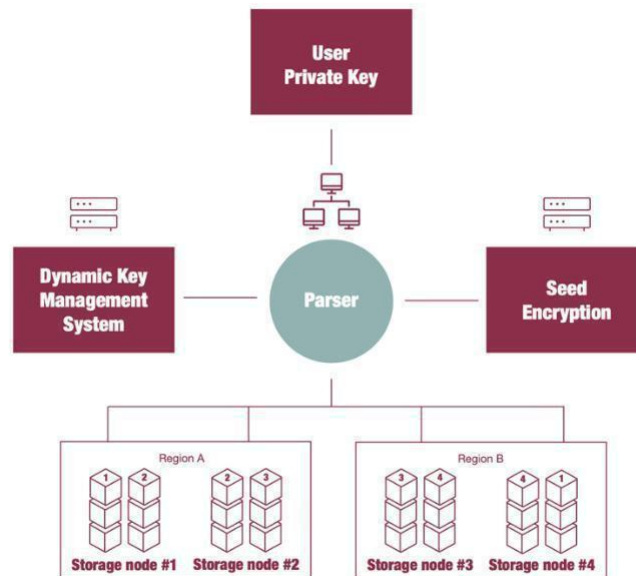
This can be easily used through multiple devices such as mobile phone, desktop PC and tablet PC by using one account of PBS CHAIN. If you access to your PBS CHAIN account from PBS CHAIN Wallet of each device, the synchronization with latest information is made and then you can use PBS CHAIN Wallet which is the most convenient one to use at the place for you (But the simultaneous access is not possible).

6.1 Security

6.1.1 Decentralized Wallet Service

PBS CHAIN encrypts and stores user information for safekeeping of assets. The parser responsible for key distribution receives a randomly generated 256bit key from the Dynamic Key Management System (DKMS) and encrypts it with the seed encryption algorithm. Afterwards, the key is divided according to the number of storage nodes and the linked list is implemented and stored in each storage node. If stored, distribute keys to be stored jointly with their distributed keys on the left and right brother storage nodes to form a recoverable environment by bypassing the storage node even if the storage node is not connected due to an accident. In addition, it plans to store various areas to prepare for non-permanent situations such as natural disasters.

Exploitation for PBS CHAIN's purpose of taking assets must disable all N-1 storage nodes when the total number of storage nodes is N. PBS CHAIN will increase complexity by increasing the number of storage nodes to curb hackers from stealing assets. Other than technology, a completely secure structure was constructed for asset management. PBS CHAIN will store private key using secure enclave and security keystore provided by platforms from iOS and Android. It will generate signing data when transmission is required and will be applied through blockchain network. Server distribution method will be used when PBS CHAIN is accessed on browser to support most platforms.



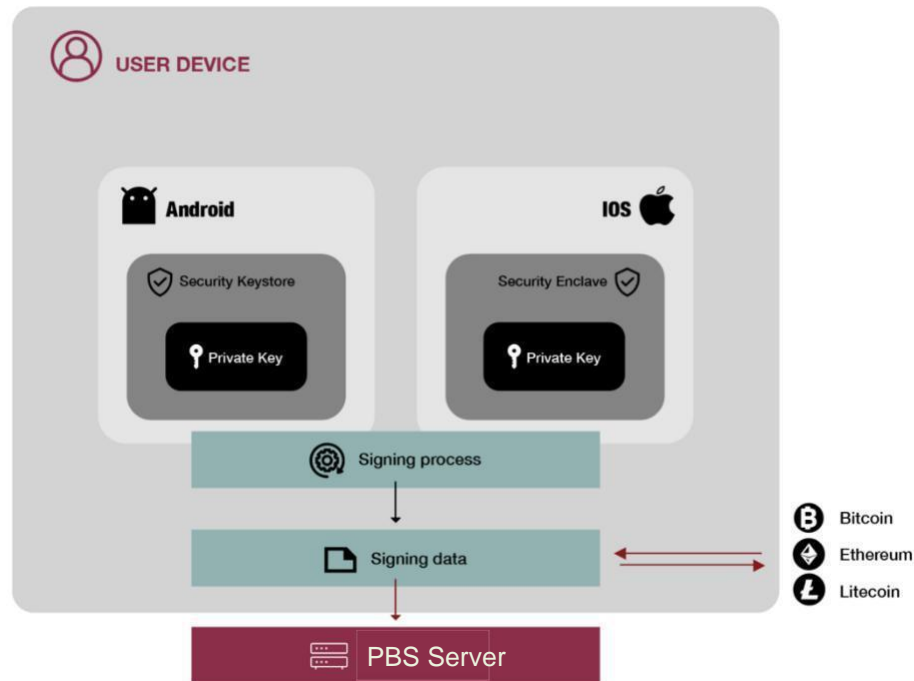
Customer's key distributed storage framework

For secure key distribution saving wallet service, the users, service providers and backup agencies will generate Multi-Key and distribute among them. It also guarantees the same security as the original key even for distributed keys using Multi-Sig, Secret Sharing, or cryptographic key distribution. Also, exchange with the key will be approved only when the specified multiple Key holders agree according to terms and condition.

The PBS CHAIN Wallet classifies the available assets of the members, controlling the possibility that the movements of the assets may be abused. PBS CHAIN Wallet introduces the Cold Wallet function and configures the asset structure to minimize the damage of hacking by checking and tracking the asset's balance.

PBS CHAIN Wallet also uses techniques such as One-Time Access token and interval encryption and end-to-end encryption to encrypt and manage information in the event of a protocol hacking.

PBS CHAIN Wallet manages all personal information collection, utilization, and disposal on the platform through ongoing monitoring of security incidents such as leaks that may occur during the personal information distribution.



Customer's Key Client Storage Method

6.1.2 Biometric technology

The biometric technology plays a critical role in the protection of personal information and construction of safety payment environment. PBS CHAIN uses the biometric functions which are provided by cell phone manufactures such as recognition of footprint, face and iris to protect the user's information and assets.

Like other encryption information, the information which is used in the biometric technology is very important, but it is not possible to initialize unlike the password. Therefore, PBS CHAIN does not transmit and store the individual's biometric information but the security and use of information is made in each mobile device's OS when the biometric technologies are used.

6.2 Basic Functions

6.2.1 PBS CHAIN Secured Custody Wallet Service: Storage of crypto, asset management and wire transfer

Custody Wallet means the method similar to that which any traditional financial institution stores and manages the customer's assets. Therefore, as long as the transfer is made between users, the transfer can be made fast and easily by using the address list without fee. In addition, as PBS CHAIN supports multi devices, it can be used by multiple devices such as mobile phone, desktop PC and tablet PC.



PBS CHAIN Wallet Basic Functions Mobile UX

6.2.2 PBS CHAIN supporting crypto

PBS CHAIN will start to support the cryptocurrencies which are most widely used. In addition, it will expand the number of the cryptocurrencies for the partners who are acquired through the business cooperation and the excellent projects and for the projects which pass the strict PBS CHAIN's evaluation system.

6.2.3 PBS CHAIN Decentralized Wallet & Vault Service

PBS CHAIN will start to support the cryptocurrencies which are most widely used. In addition, it will expand the number of the cryptocurrencies for the partners who are acquired through the business cooperation and the excellent projects and for the projects which pass the strict PBS CHAIN's evaluation system.

6.3 Advanced Functions



6.3.1 Crypto Conversion



Live Chart & Conversion Mobile UX

By making PBS CHAIN Wallet support the conversion between cryptocurrencies and between crypto and PBS CHAIN CASH depending on the change of price in main crypto exchanges, PBS CHAIN will minimize the possible opportunity cost and risk of loss in the trading at different exchanges.

For the conversion service, the buying/selling conversion rate which reflects the index of the price at the main crypto exchanges would be applied and the specified fee would be imposed on the risk of price change.

7 PBS & PBS CHAINCASH

7.1 PBS (PBS CHAIN TOKEN)

PBS token in the PBS CHAIN project is the utility token based on the Binance Smart chain. It has been designed

to provide the general users with various crypto services at PBS CHAIN platform, which can directly be applied to their daily life.

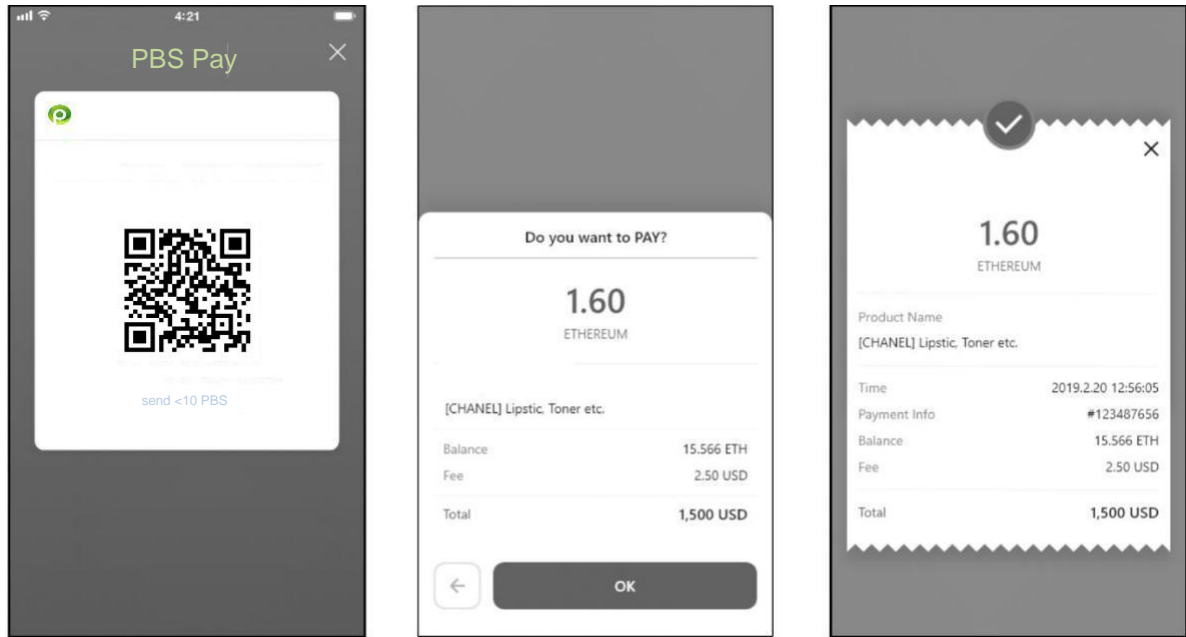
PBS is the main element in keeping the ecology, which is constructed through PBS CHAIN platform, where the values of legal currency and crypto can be exchanged. It is the token which not only supplies the liquidity, but also links the conventional consumption and financial system to PBS CHAIN-creating value ecology. PBS is not related to the price of any asset and work as the right or means to help anyone to enjoy the benefits of PBS CHAIN platform service. By inducing the users to keep and use, it keeps the total ecology and raise the values. It is tradable at the crypto exchange where PBS is listed.



PBS Symbols

7.2 PBS CHAIN CASH

PBS CHAIN enables the users to convert crypto to the PBS CHAIN CASH which is the currency in the form of token and has the same value as the legal currency in preparation for the possible rapid fluctuation of the price of crypto. PBS CHAIN CASH supports the selective main legal currencies and is used in various services provided by PBS CHAIN platform as well as being used as the payment means at PBS CHAIN.



PBS CHAIN Mobile UX

7.3 PBS CHAIN Payment Solutions

PBS CHAIN provides both the users and the sellers with the cost-effective crypto payment system which overcomes the limitation of crypto payment system and which is convenient for them.

7.3.1 CPM (Customer Presented Mode)

Generally, the QR code method in the simple payment system is divided into two modes; One is the MPM (Merchant Presented Mode) in which the franchisee presents the QR code and the customer scans it with his/her mobile device while the other one is CMP mode in which the customer presents QR code and the franchisee scan it by using its reader machine. Here, MPM mode has the limitation as it is inconvenient in that the buyer shall directly scan the RQ code and enter the amount and the wrong input of the purchasing amount may lead to the dispute.

PBS CHAIN adopts CPM method instead of MPM method which is the wire transfer system often used in the conventional payment of crypto. It can provide the users who are accustomed to conventional payment system focusing on CPM with the convenience and reduce the possible error in input and the resulting repayment, thus making the payment faster and safer.

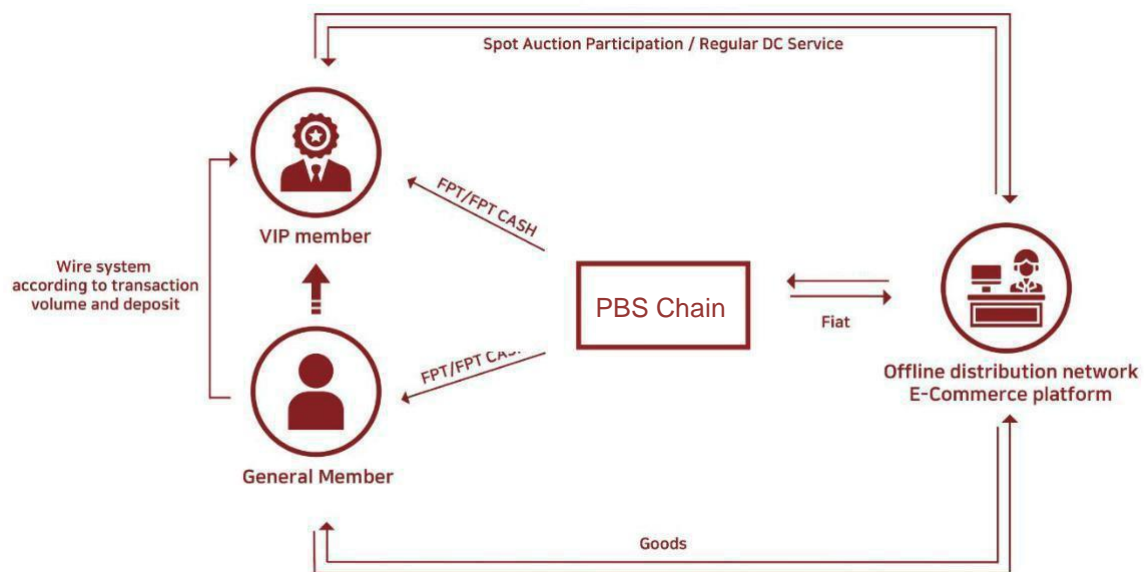
7.3.2 Stable Value Solution for Merchants

The fluctuation of crypto's value has been an obstacle in using it as the payment means. Actually, most of the investors in crypto consider that the fluctuation of the crypto is the biggest obstacle to the development of crypto and blockchain. So, many crypto payment projects have made a lot of efforts such as conversion to the legal currency at the stage of payment or introduction of stable coin. But the fruition has not been acquired due to many reasons. In addition, these methods keep the sellers from participating in the ecology of blockchain and crypto.

PBS CHAIN is made in a way that regardless of whether the buyer pays the crypto through the PBS token and PBS CHAIN value stability solution, the seller can get paid of the value of legal currency for the product sold through PBS CHAIN payment procedure at its own choice. PBS CHAIN value stability solution helps the crypto payment system to be more activated as it makes even the seller participate in the crypto ecology and minimize the damages from the fluctuation of crypto.

8 PBS Ecosystem

This is the dispersed ecosystem based on the block chain, in which the users around the world can freely participate by using PBS CHAIN Wallet. PBS is a value exchange method used by users as a medium to maintain and activate the ecosystem of PBS CHAIN. PBS can be used for VVIP membership and services to be added to future PBS CHAIN.



PBS CHAIN Ecosystem

9 Road Map

- October 2020** – Project Start
- November 2020** – List on bscswap
- December 2020** – List on pancakeswap
- January 2021** – List on Dcoin
- January 2021** – List on MXC
- March 2021** – List on Yobit
- April 2021** – List on Binance
- May 2021** – Mobile Wallet Live
- June 2021** – Web Wallet Live
- July 2021** – Whitepaper v2.0 Live

9.1 Token Tracker and Contract:

- Token Tracker** – bscscan
- Link** – [Click here](#)
- Contract Address:** – 0x2eae17386ea67f0fa13485fa90851c03bdc5a7a9

10 Partners

11 Use Cases

Automatic Decentralized Insurance Payout

With PBS Chain , many scenarios like flight delay insurance are able to achieve automatic indemnification by bringing external insured events to the on-chain insurance contract.

Stablecoins and Crypto Derivatives

Stablecoins and crypto derivatives require a frequent usage of PBS chain to fetch realtime price feeds reliably and verifiably

Crypto Lending Platform

PBS chain makes it easy for crypto lending platform to get token exchange rates, import borrowers' social media data and trustlessly determine the interest rates on the fly

11.1 FAQ

What is PBS Chain ?

PBS chain is a platform currency representing value and wealth in the decentralized economy used for the exchange of values between Pbs Chain companies, employees, customers, and other third-party entities.

Do we already have an Application?

Yes, but PBS Chain Application will be release on Q3 2021

How this token is different then other out there?

Because the project aims to bring the true value of yield farming finance accessible to all users, regardless of portfolio size

Why is the team anonymous?

The team has decided to remain anonymous so that their software can be released to the public freely and without concern for their private lives. Our vision is that the project will take on a life of its own and decentralized projects do not always need a public leade. We believe that if the code is open-source, it shouldn't matter who wrote it