



BWC
BIOWATERCOIN

White Paper

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Introduction

What is Bio-water? Minerals and electrolytes that are essential for us to live in the optimum ratio, the concentration of the liquid contains. It is the water closest to the human body. The ionic drink, which we commonly know, mimics Bio-water.

Why do people look for Bio-water? For example, even though scissors were placed on the patient's stomach, it was also possible to live everyday life for a while because Bio-water protected the body. Accordingly, in the cosmetics industry, cosmetics using biologic water as a main raw material or using purified water simulating Bio-water are emerging one after another. Bio-water has the effect of preventing aging in particular, and uses biomass instead of purified water in cosmetics.

Recently, various kinds of tree sap and flower sap of plants have been used with the components most similar to bio water of a human body. In the case of water-rich mist, toner, and soothing products, what kind of water is used is a characteristic of the product. Especially birch sap is rich in amino acids, proteins and minerals, so it gives soothing and moisturizing effect to the skin without stimulation.



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A variety of 'flower water' extracted from flowers also replaces pure water. According to the Korean Intellectual Property Office (KIPO), flower application such as forsythia, azalea, rape blossom, cherry blossom, and magnolia are patent applications for cosmetics. Various active ingredients extracted from flowers, such as rose water and lotus flower, moisturize and soothe the skin, and produce synergistic effects for skin texture improvement and pore convergence depending on the type of flower.

In the face of patented technology, we would like to propose a new type of asset trading that preserves customer protection and product value by using block chains in the sale and dissemination of related products.

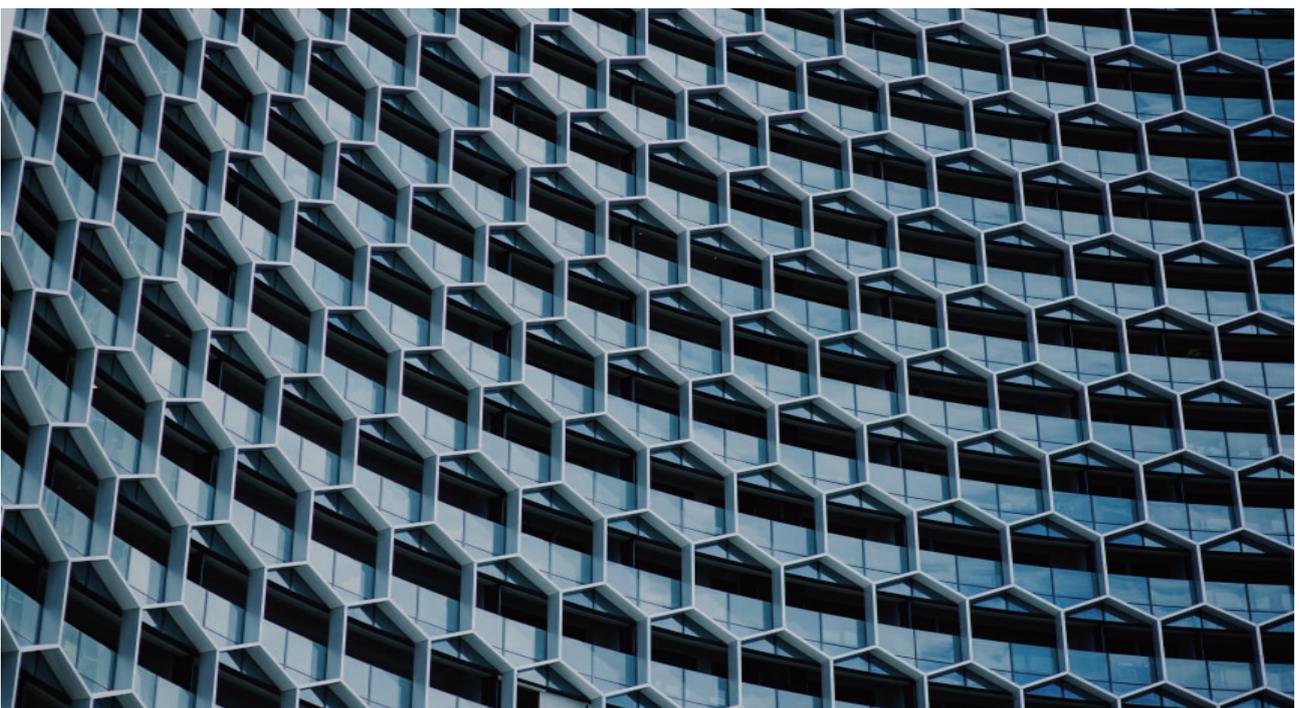
In particular, we propose a way to increase the value of the product and increase the premium of the product buyer by allowing transactions to be made on the basis of a centralized private block chain so as to defend against various abusing related to the transaction of the patented product.

1. Flow of block chain technology

Recently, the block chain has shifted its center of gravity from 'public block chain' to 'private block chain'.

In the public block chain, anyone can participate in a block-chain network to see all the details, and anyone can verify the transaction history, but it can not overcome the many complicated problems of the open-type distributed general ledger. There is a disadvantage that many resources are consumed to maintain and manage a network in which an unspecified majority participates, disclosure of internal information related to transfer, slow processing speed, and assurance of anonymity of a trader.

On the other hand, the private block chain constituting a distributed network targeting only authenticated participants has an advantage in security, stability, and speed because it focuses on a few aggregation-based algorithms. It is possible to overcome the limitation of existing public block chain because it does not need to compete with mining competition and consumes excessive computing power like bit coin and operates as authorized distributor. It means that you can benefit as much as your participation is limited



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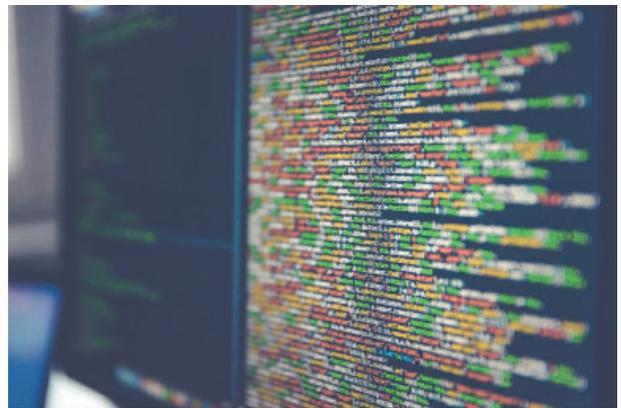
For this reason, in a service membership that prefers absolutely certain privileges, designing as a private block chain rather than a public block chain is a rational basis for business. In other words, if speed, stability, and security are required at the enterprise level, there is an environment in which the platform design is considered with the private block chain.

The public and private block chains have a distinct service and operating environment. In the public block chain, all the users can see all the data, but information about personal financial information or trade secrets can be exposed.

It is effective to secure integrity when all the participants process and verify the details together, but it is a problem that is considerably reluctant in terms of information protection. In addition, except for companies or institutions that can secure legal authority or risk of litigation, they are faced with difficulties in identifying and rewarding their responsibilities in the event of an accident.

Also, in the case of the transaction verification request, in the public block chain, transaction history verifies the transaction by all the nodes participating in the network, but it is difficult for all nodes other than stakeholders in the private block chain to verify the transaction.

In particular, it is impossible to set different permissions for each node in public block chains. The top-level accountability body, ie the entity or organization that will be oversight, can not distinguish roles such as verifying all data and verifying relevant data in a sub-structure.



The public block chain is exposed to the public, so unidentified users and hackers with malicious intent can access the block chain. If the situation worsens, it can cause enormous problems that all nodes around the world must share the same data while defending against malicious user attacks.

The time spent in getting a public block chain to be recognized as a reliable block is the biggest obstacle to appreciating it as money. In the case of bit coin, one block is generated every 10 minutes, and in case of etherium, one block is generated every 12 seconds.

Given the amount of time it is shared on the network, it takes about a minute or two to see the transaction results you sent to it. It is not possible to apply them directly to financial services that require immediate processing, or to the immediate purchase of goods through the Internet or mobile phones.

In addition, there is also constant concern about data validation by using 'proof of work-PoW' or 'proof of stake-PoS' as a consensus algorithm adopted in the public block chain.

Many experts are concerned about the various possibilities to intervene in the verification phase after the block is created, and there is always the potential for problems in all financial transactions that want to ensure data instantly and reliably.

In addition, the public block chain is not optimized for multiprocessing, which limits the number of transactions per second.

For this reason, especially in the financial sector, various pilot projects are implemented to apply the private block chain technology that can customize the block chain basic framework to the existing financial process in order to verify financial transactions, .

Private block chains are also called 'Permissioned Ledgers'. Participants who can participate in the reading, writing, and consensus processes are predefined, and specific subjects may be added or removed as needed.

Most private block chains are built by partnerships or consortia, not just one.

It is possible to join a block-chain network only through the mutual endorsement and approval of the consortium participants, thereby reducing the risk of unspecified network such as public block chain. It is also possible to implement a private block chain with different versions depending on the design purpose.

In particular, private block chains can expect many changes, such as data error correction, reconciliation of disagreement, and reduced messaging time for communication, if different nodes can trust their data completely without having to go through an intermediary.

In the case of financial institutions, this increase in data processing speeds up the payment and settlement speeds, which can dramatically reduce the counterparty risk and liquidity risk as well as related costs.

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However, in the case of a private block chain, there is a possibility that the content may be distorted or altered in various situations such as a hacker attack. In the case of a private block chain consisting of dozens of nodes, the data of the block chain can be reconstructed from the beginning according to the number of nodes that the hacker has taken over.

Recent trends suggest 'anchoring' as a solution to detect when data in a private block chain changes.

That is, a hash value of transaction data or block data of a private block chain is periodically included in transactions of a public block chain. The transaction data hash value of the private block chain and whether or not the data of the public block chain is shifted or altered. Further, mutual anchoring between private block chains can be attempted. And performs the function of a kind of public block chain through connection of private block chains.

2. Introduction of private block chains

Eventually, the private block chain can participate according to predefined rules. If you do not follow the predefined rules, you will not be able to use your private block-chain network, and of course you will not be able to participate in the consensus process.

Generally, public block chains ensure high security and transparency because everyone can participate and view transactions. However, companies and organizations that generate transactions based on sensitive information, such as personal information, it acts as a heavy wall for exposure.

On the other hand, if a private block chain is used, only the person authorized to view transaction details can access the transaction.

In particular, the private block chain guarantees cheap and fast transaction processing speed. It is a natural way to save time and money because the block chain is operated by a small number of stable and powerful nodes.

Above all, in the public block chain, software updates are almost impossible without a hard fork, but if a private block chain is used, companies can use a block



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chain that meets legal regulations and various regulations in accordance with their own interests.

In fact, most of the attempts to build a private block chain are either large financial companies such as MasterCard, or highly efficient block-chain projects that can be used for commercial transactions through the development of a private block-chain platform like IBM.

While many experts may think that there is a distance from decentralization networks because they need central power to authorize participation, conversely if the central power is transparent and reliable, the nature of the blockchain network is also newly defined.

Especially, special shopping malls that sell products using specific technologies can increase the reliability of transactions and technologies by applying private block chains. They can use marketing information on transaction records, guarantee strong membership to shopping mall buyers and benefit , And has a strong support base for expanding the block chain and Cryptocurrency with the real economy.

3. Biowater-specialized shopping mall : Biowater.shop



We intend to disseminate bio-related products through the shopping mall, which is based on the private block chain to induce customers' 'special participation' and give them value and stature. Biowater-specialty shopping mall specializes in products and customers through the following structure.

A. Premium online shopping mall

The biowater specialty shopping mall is aimed at the business environment of the 'premium online shopping mall'. Exclusive sales, exclusive purchases, and customer discount promotions, such as specializing dealing with biological water-related products to increase the credibility of the product group will secure a customer with a willing to secure.

B. Customer differentiation

In order to secure a reliable customer base, the shopping mall specializing in bio-water uses a block chain to link customer information with product sales information, and differentiates customers through value-added.

C. Utilization of Private Block Chain

Although a bio-specialty shopping mall is structurally limited in its scalability, it increases the reliability of the whole by a private block chain that supports fast transactions, speed, and large-volume transactions. In particular, it allows customers in a shopping mall specializing in bio-water to participate in a private block chain, so that it can be combined with a public block chain or a consort-tested private block chain in the future.



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구매하기

BIOWATER.SHOP

D. Value Customer

Unlike the general sales of special products sold on the market, the promotional sales program for purchasing is applied collectively by coin or token, thereby adding value to the shopping mall. In particular, we provide various benefits through membership programs for special functional products such as cosmetics, health supplements and medicines made from bio-water as the main raw materials.

E. Combination with public token

In addition to utilizing the private block chain to guarantee the value of customers and products, the biowater specialty shopping mall supports transactions through the most versatile cipher currency in order to become a stepping stone into the real economy of the cipher currency. One-to-one trading records utilizing the ERC20 protocol running on the Ethereum platform are paired with the cryptocurrency of the private block chain.

To this end, we propose a Biowatercoin (BWC), which is the only payment instrument available in a biowater-specialty shopping mall and serves as a marker to inform the transaction results through a private block chain .

4. Function of shopping mall



The bio-specialty shopping mall is based on a private block chain and is implemented as Dapp, which has a touch point with the real economy as the ERC20 token.

A. Download and Membership

First, you download the app from the app store or Google Play and run the shopping mall through the app. You can then create an account through your smartphone.

B. Member Invitation Function

Membership invitations can provide benefits such as BWC air drop and additional discounts on existing members.

C. Compensation

BWC can be admitted through member recommendation and recommender registration, and benefits such as discount can be granted.

D. Participation of Private Block Chain

If you purchase a BWC as a member of a specialist shopping mall, you can act as a block-chain node with the main authority of the private block chain of the bio-specialty shopping mall.

E. Purchasing and Billing

The bio-specialty shopping mall works only with the BWC payment process, which is done only through the electronic wallet granted to Dapp.

F. Acquisition of BWC

BWC is an ERC20 token, available only through BWC-listed exchanges, pre-sales, direct purchases through Dapp, membership and recommendation air drop.

5. BioWaterCoin(BWC)



The BWC operates as a token at the time of initial establishment and operation of the initial shopping mall, and the holder of the BWC can have the right to operate the node of the private block chain of the bio-specialty shopping mall. This is completely different from the authority for the block chain project of the security type token, and it serves as a basis for specializing membership in a bio-specialty shopping mall.

A. Electronic wallet

The BWC can be traded through a dedicated electronic wallet, and the owner of the electronic wallet can exchange, trade, and settle BWC in real time, and the transaction record is recorded as a private block chain of the shopping mall.

B. Dapp

BWC enables Duma to be used as a means of money for the real economy by implementing the bio-water shopping mall as Dapp.

C. Extension

There are a number of additional services available within Dapp that can be purchased as tokens. In addition to product sales, we will motivate users and maximize participation rate through a sustainable business model.

In particular, depending on the variety of participation and measured services available, such as advertisers and affiliate programs, the BWC works like real money and expands to be more active.

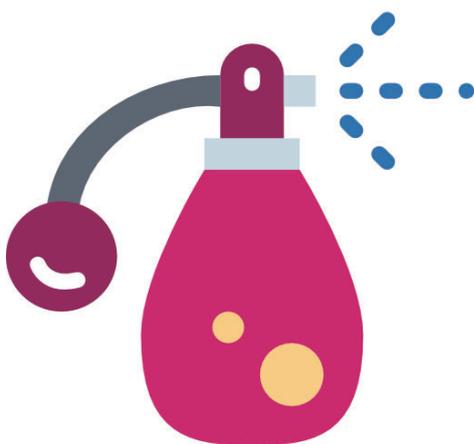
Above all, BWC is the foundation of all transactions within the app.

6. BWC Biowater Products



Face Mask / Sun Cream

This is a product that greatly improves anti-aging and moisture retention, a feature of living water. Contains more than a certain proportion of biological water extracted by patented technology and has excellent skin protection function. Excellent for whitening and wrinkle improvement. Unlike conventional products, sun cream products are made from bio-water without chemical ingredients, making it easy for people with weak skin or allergies to use them freely.



Perfume / Mist

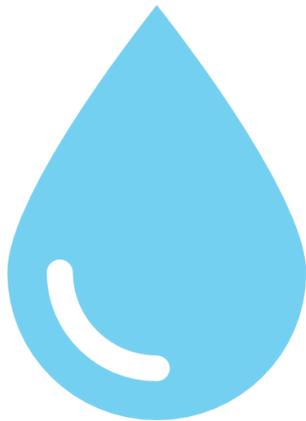
In the case of perfume, the biological water of the plant is directly extracted without the artificial fragrance extracted or used chemically. As with atopic and psoriatic patients, even if the immune system is weak, it can be used without worrying about inflammation and rash.

Especially, in the case of mist, it is possible to extract the Biowater from the plants which have strong fragrance such as rose and lilac, so that it can be produced directly, and it is possible to enjoy both moisture retention and perfume.



Health Food / Medicines

In the case of biological water-extracted medicine, it is already prescribed in a general hospital in Korea as an anticancer treatment supplements for cancer patients. Biological water extraction technology produces powders (powders), etc., and these patents are owned exclusively by BWC worldwide. In case of health food, ginseng capsules (powder) and ginseng extract will be released in advance.

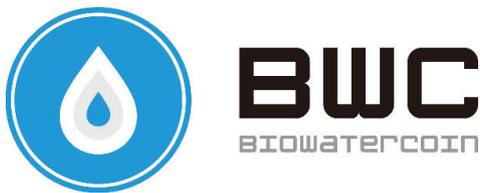


Drinks / bottled water

We will supply beverages with increased water content. It is expected to show a method of adding more than a certain amount of Biwater to all the physical ingredients and a method of making it with a biological water extract. Unlike pure water, it is expected to have a significant increase in water absorption rate.

7. Token issue and information

The BWC begins with the first distribution and is obtained through the transaction of the token.



Token notation: BWC

Total issue volume: 33,300,000,000

Purchase Support Currency: ETH, BTC

Distribution of token sales: 50%

Team members: 15%

Initial investment and advisory: 15%

Ownership: 20%

Sales Distribution

Development: 40%

Marketing, Affiliate, Business Networking: 30%

Operating: 20%

Reserve: 10%

8. Roadmap

<u>2019. 2</u>	Start BWC project
<u>2019. 3</u>	Introduction to BWC tokens
<u>2019. 5</u>	BWC electronic wallet launch
<u>2020. 1</u>	BWC Shopping Mall Service
<u>2020. 3</u>	Launching BWC Dapp
<u>2020. 3</u>	BWC private block chain launch
<u>2020. 5</u>	BWC - Private block chain pairing
<u>2020. 12</u>	Expanding BWC services and product lines
<u>2021. 2</u>	Start BWC Integration Services

9. Legal Notices

Compliance

1. Legal Compliance

Ablex corporation is a registered company in Republic of Seychelles and abides by the laws of Republic of Seychelles's financial services organization by adhering to certain laws of the cryptocurrency sector. Our customers should be fully aware of these guidelines and other relevant regulations.

2. Fiduciary Compliance

We may be executed by a trust service company designated by us in connection with Cryptocurrency.

3. Policy Compliance

We adhere to the policies of central banks, financial services institutions and relevant laws in Republic of Seychelles and related countries.

Law and ownership

ABLEX corporation is a registered company in Republic of Seychelles and is responsible for the issuance, distribution, management, processing and other business activities of BWC tokens. AbleX Co., Ltd. is a registered company in Korea and has exclusive ownership rights and rights for patent technology and registration, advertisement and operation technology and registration for BWC use. It is used by a third party and distributed to others And other related rights.

Jurisdiction risk

1. Korea

BWC Cryptocurrency are distributed and promoted through other media in the Republic of Korea. In addition, BWC Cryptocurrency can be used for settlement, exchange and transfer of various commodities in offline stores, and various assets can be exchanged for BWC Cryptocurrency. In addition, the BWC can be traded, acquired and transmitted through a Cryptocurrency exchange.

However, we will do so within the limits permitted by the relevant laws of the Republic of Korea. We will actively cooperate with the Korea Communications Commission, the Financial Supervisory Service and the Fair Trade Commission and will make efforts to utilize idle virtual assets for practical economic activities.

2. Republic of Seychelles

Republic of Seychelles is allowed to trade in encrypted currency, and we will strive to expand the use of BWC cipher money and settle the Cryptocurrency industry.

Investment risks and guarantees

The information provided in this proposal (or white paper, hereinafter referred to as the "White Paper") is provided solely for the purpose of assessing the value of the BWC Cryptocurrency and its associated value. Anyone wishing to purchase a BWC coded currency should not rely solely on the information in this white paper. We strongly encourage buyers to conduct their own investigations prior to investing. No one is authorized to provide or represent information about the projects and tokens specified herein, and we do not trust or make any representations about such information or its representations, if any. This white paper is for private information and in no case may be interpreted or construed as a 'public offering of securities' under this document. BWC tokens are provided under the exemption from registration and disclosure requirements as set forth in applicable law. This white paper does not constitute an offer to sell or purchase securities.

Anti Money Laundering Act (AML)

Buyers of BWC must agree to not engage in any form of money laundering, illegal currency trading or other limited activity through the BWC and other related derivatives. Each purchaser must be aware that BWCs and other related derivatives can not be sold, exchanged, or disposed of directly or indirectly for the purpose of money laundering.

Anti-Terror Funding Convention (CFT)

Buyers of BWC must agree not to participate in financing, exchanges and support activities for purposes of terrorist financing through BWC and other related derivatives. Each buyer must be aware that BWC and other related derivatives can not be sold, exchanged, or disposed of directly or indirectly for the purpose of financing terrorism. You should be aware that you can not sell, exchange or dispose of derivative products directly or indirectly for the purpose of terrorist financing.

Buyer Restrictions

Due to legal issues, this ICO and White Paper are only available to citizens of countries other than Mainland China, the United States, Malaysia and other areas prohibiting ICO.

Important note

Due to frequent changes to related policies, laws and regulations, technology, economics and other factors, the information provided in this white paper may not be accurate, may not be reliable or final, and may change several times. This white paper is for reference purposes only.

We are not responsible for the accuracy and legitimacy of the information provided. Anyone wishing to make a purchase should not rely solely on the information in this white paper. We encourage buyers to conduct their own investigations prior to investing.

Essentially, this white paper is a business proposal or business promotional document, and in no case is it legally binding. The information in this white paper is for your reference only, and the token purchaser should take additional caution.

Language

This document supports various languages. In the event of a dispute, we will resolve the case based on the English version. For a more accurate interpretation of this document, please refer to the English version.

Security

This white paper is confidential and has been created solely for the purpose of being communicated and reviewed by future buyer of the token. Without our prior written consent, it is strictly forbidden to transmit this White Paper to anyone other than the intended recipient, to seek advice from persons not authorized in connection with this White Paper, and to disclose, copy or cite the contents of this White Paper .

A copy of this white paper is personally attributable solely to the recipient of the document and does not induce other persons or the general public to purchase securities or otherwise acquire securities.

Speculative project

The BWC tokens and related proposals in this paper are very speculative due to the nature of the business and relatively early development stages. Buyers must be able to understand the underlying risks. Purchasing a token is only suitable for buyers who are able to take the risks inherent in the project business.

There are many other risk factors to consider for those who want to buy BWC tokens. Buyers should consult their advisors or assistants to discuss income tax, legal and other matters.

Contacts and reference sites

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