

A New Decentralized Financial System utilizing Multi-block Chains.
(EveryCoin & TabiPay)

Aaron Platform

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※ Notice of disclaimer.

1. Intro

1.1. Background

Financial System

Despite the development of financial and information technology, the current financial system provides many uncomfortable and insufficient services in developed countries while having many deficiencies of service in developing countries.

Despite the developments over the past several decades, a third of the global population ($\frac{1}{3}$) is not still using mainstream finance. The remaining two-thirds of those using mainstream financing are also getting services with payment of an expensive cost.

Financial institutions are using centralized ledger method that monopolize and manage all financial information centrally. It has structural problems which make financial management costs increase such as information security, expensive hardware purchase costs, branch and personnel maintenance costs

Financial institutions are demanding more excessive costs to consumers on those reasons.

Some banks, as well as remittance and exchange fees, are charged for opening and using bank accounts, and they even ask for the inconvenience of depositing a certain amount.

Furthermore, the high financial expense that we pay is used to maximize its own benefits of the current financial system. As the result, it causes the widening gap between the rich and the poor in financial services along with decline of quality of life.

The ongoing existing financial policy has accelerated the problem, and the public is complaining about traditional financial institutions.

As a result of financial exclusion, consumers are suffering from high risks and fees by relying on cash and non-financial markets. The current financial system has made the Financial Exclusion to rely on this path as well as weakened the ability to monitor the amount of income and expenditure of government.

The appearance of many cryptographic currencies has given hope to the underprivileged who have not received financial services.

But, there is a problem that the basis of cryptocurrency transactions is based on real money. Generally, when you want to purchase a cryptocurrency from an exchange or a P2P site, you must send the real currency to the bank account of the exchange, the P2P escrow account or the account of the cryptocurrency holder.

There is a high barrier that people excluded from financial services need a bank account again to trade cryptocurrency.

Many companies want to realize the purpose of providing new financial services with existing structures, modules, infrastructure and technology. However, the current developments and the results obtained by the financial science's technologies and the comprehensive financial policy are already limited.

BlockChain

The block chain financial ecosystem can not be realized in traditional finance.

The block chain technology can be escaped from the problems of the centralized financial system and this new distributed finance will meet the principle of fairness of the financial affairs. It also stimulates the real economy and provide encouraging service to the virtual economy.

A new financial ecosystems based on block chains can solve long-standing problems such as systemic risk, data security, financial exclusion and fragile competition.

The decentralized ledger technology and transparent system of cryptocurrency allows us to create new financial tools and to be processed with decentralization in a global boundary. They can also provide services and empower to individuals and companies around the world.

However, despite BlockChain and Cryptocurrency users are making a lot of efforts to create a new ecosystem in addition to these advantage, they don't still use BlockChain or cryptocurrency in real life easily.

There is a reason that Cryptocurrency itself is an evolving new industry. However, the more fundamental reason is that most Blockchain and Cryptocurrency technologies have unfitted two defects in daily life.

The first defect is the transmission speed.

Real-time high transmission speed is critical in order to use Cryptocurrencies as payment means. However, it is very inconvenient as it takes at least 10 up to 30 minutes to use representative Cryptocurrencies such as Bitcoin and Ethereum for paying in shops or for transmitting between users.

The second defect is the high transmission fee.

Transmission fee is \$4 for Bitcoin and \$6 for Ethereum. It may not be a big problem when transmitting big amount. However, in case of paying or remitting small amount such as \$10 in daily life, the transmission fee of \$4 or \$6 is a big problem to make users hesitate to use.

After all, this brings into scalability. Many cryptocurrencies are trying to solve these problems. However, due to the increasing block size more and more, the solution has not been found yet.

1.2 INTRO

Our goal is very simple.

the first, by creating an unrestricted financial system, we make everyone in the world can be received the benefits of financial services for free.

The second, everyone in the world get out of the existing financial framework and will be able to open and use new financial accounts free of charge. And FIAT CURRENCY, CRYPTOCURRENCY and DIGITAL CURRENCY are exchanged one another conveniently.

To achieve this goal, we have designed a system that allows everyone around the world to conduct transaction by smart consultations and manage their funds by social connections through a vast array of combined projects.

This is to provide a new financial platform for the financially excluded persons in the current financial system by combining the electronic monetary system based on the real economy with the versatility of cryptocurrency. Also, this is to create a new cryptocurrency's financial system by securing the value stability of the cryptocurrency and then overcoming the constraints of the existing financing as the currency of the real financial service.

1.3 Introduce f Aaron Platform

Aaron Platform has redefined financial services and transformed its financial paradigm from a strictly rated and exclusively centralized system in tradition to a decentralized comprehensive and scalable system.

The Aaron Platform proposes a new financial platform that combines stable coin with fluid value coin as a way to overcome the inconvenience caused by blockchain speed and the disadvantage of high variability of cryptocurrency.

As stable currency and fluid value currency are structured as multi-block chains, it ensures not only the value stability of real financial services as a currency but also the security and scalability of cryptocurrency.

Our multi-block chain method can offset the variability of cryptocurrency through the combination of flexible main block chains, fixed value side block chains and echo block chains applicable to various digital assets.

Coin	BlockChain	Usage	Remarks
EveryCoin	Main BlockChain	Base Currency	EveryCoin Standards
TabiPay	Side BlockChain	Payment, Banking, Transfer	Stabled(Thailand THB)
Eco-Chain (Digital Assets)	Main Eco-Chain Side Eco-Chain	Digital Assets BlockChain	Can be a SideChain under certain conditions

[diagram 1.3.1] The characteristic of Aaron BlockChain

This is supported by using Multi BlockChain technology, which is a combination of MainChain EveryCoin, SideChain TabiPay, and other EcoChains each other.

EveryCoin

The Aaron Platform takes the EveryCoin standard and adjusts the EveryCoin deposit amount according to the issued volume(the circulation amount) of TabiPay and other Eco-Chain. In the market, the value changes by the equilibrium price of demand and supply in accordance with EveryCoin's circulation amount's change.

EveryCoin used in the Main BlockChain of Aaron Platform guarantees TabiPay like gold. And it is used as a key currency enabling exchange of all FIAT Currency, Cryptocurrency and Digital Currency by Aaron Currency Matching Engine.

TabiPay

For financially excluded persons, we build a stable currency blockchain, TabiPay BlockChain and let them create and use TabiPay safety accounts free of charge.

The TabiPay account is an independent security account of TabiPay BlockChain, not an existing financial company account. It is a system that anyone who does not have a bank account can freely deposit and withdraw money.

Instead of going to bank and opening an account there like now, people visit a nearby TabiPay Shop (convenience stores, pawn shops, supermarkets, etc.) or our affiliates and will open a TabiPay safety account which makes deposits and withdrawals convenient in real time. In addition, you can transfer for 365 days and 24 hours via Tabipay App at real time.

TabiPay was developed to change the finance of the real economy, not the standard currency for exchanging cryptocurrency as like USDT, TRUEUSD, and DAI which are linked to USD.

TabiPay, used in TabiPay BlockChain, is StableCoin, and has a value of 1 to 1 with Thai Baht.

TabiPay is guaranteed to be paid because it is issued as much as the EveryCoin reserve of

Aaron Platform like the previous gold standard(EveryCoin Standard), Customer’s deposit will be deposited in full cash and escrowed and verified through cooperation with a partner bank in Thailand.

TabiPay is a currency created to apply the cryptocurrency to the real economy, and it is issued as a stable value’s global electronic currency in cooperation with the central bank. It will stimulate the local economy more and expand the boundary of potential influence of the Aaron Platform.

With this TabiPay System, we can complete a new currency value system by building a hub of real economy and cryptocurrency.

Name of cryptocurrency	Tether	TrueUSD	Dai	TabiPay
Operator	Tether	Truecoin	Market participants	Aaron system
standard	USD	USD	USD	THB
abbreviation	USDT	TUSD	DAI	TABI
Market Volume (Ten thousand)	222,717	1,349	36	100,000 (Forecast to 2019.)
Daily trading Volume (Ten thousand)	354,321	57	12	150,000 (Forecast to 2019.)
characteristic	Deposit can not be confirmed	Deposit can be confirmed	Set up deposits with automatic agreements	EveryCoin standard, Deposit can be confirmed

[Diagram 1.3.2] comparison of Stable Coin

Eco-Chain

Ethereum has created a cryptocurrency ecosystem by creating a platform for generating tokens based on Smart Contract technology.

The Eco-Chain System on the Aaron platform provides an ecosystem that can utilize BlockChain not only in the generation of tokens but also in digital assets other than cryptocurrency by evolving one step further in Ethereum technology.

In addition to cryptography, there are many digital assets around us.

Airline mileage for faithful customers' loyalty marketing, online shopping mall points, cafe coupon system, game money and game items in game companies can be also safe and convenient digital assets by using BlockChain.

The global digital asset market is about \$ 200 billion and it is expanding rapidly every year.

The Eco-Chain system provides services that can manage and issue digital assets easily to all of companies and individuals issuing digital assets based on BlockChain. So it provides services that can issue and manage digital asset management system with low cost.

With the Eco-Chain system, digital assets can be easily issued and circulated. So you will be able to realize benefits such as secure transactions, value increases and exchange with other currencies.

In addition, as these eco chains will become EveryCoin's SideChain, they will increase the value and usability of EveryCoin.

Cryptocurrency Exchange

The Aaron platform includes the Aaron Cryptocurrency Exchange.

Aaron Exchange is expected to open in March 2019 based on the "Digital Asset Business Act" established in Thailand as a global exchange market that can deal with various kinds of cryptocurrencies.

Aaron Exchange will serve you the market of EveryCoin and TabiPay standard.

The EveryCoin and TabiPay standard markets are served by TabiPay and EveryCoin as main-based currency like Bitcoin, Ethereum, USDT.

The Aaron platform serves to achieve double effects by supporting both safe transactions using TabiPay's stable value characteristics via TabiPay & EveryCoin standard and transactions that can realize revenue as the value of EveryCoin rises.

It also enables to find potential coins among the eco-chain's cryptocurrencies created by the eco-chain system and to trade them on the Aaron Exchange. The cryptocurrencies of the echo chain that is traded on the Aaron Exchange becomes EveryCoin's SideChain, so that they can get the partnership that EveryCoin and echo chains can develop together.

These traded cryptocurrencies can be withdrawn worldwide.

The Aaron Exchange will make it possible to withdraw money in the currency of each country in the world along with the withdrawal of the cryptocurrency in the withdrawal transaction.

Wallet

The Aaron Wallet provided by the Aaron platform allows you to manage real accounts and cryptocurrency wallets as well as integrate digital money. Furthermore, it provides right to access to the decentralized cards integrated into this account.

In addition, we will provide more effective services by working together with existing global financial services via partnerships with global payment cards.

Aaron Platform will create a new financial ecosystem by acquiring the permission of the Securities and Exchange Commission (SEC) in Thai government and obtaining the authority of the real money market through partnership with commercial banks.

TabiPay is a global financial account based on a block chain that is monitored and managed in accordance with Thailand's law. It is available for all individuals and companies to use in real time and does not require any address or credit history in Thailand

The Aaron Platform is made up of a combination of creative ideas and a variety of technologies. In order to provide a financial account that can be used by people all over the world and make

mutual exchange possible for all FIAT Currencies and Cryptocurrencies with our EveryCoin and TabiPay.

Aaron Platform built under these technologies and ideas is free or low financial account cost and easy to use with security.

This white paper describes the problems we have found, the Aaron Platform's solutions and our implementation plan.

We want to deliver legitimate information regarding the broad technical details we seek.



2. Characteristic of BlockChain

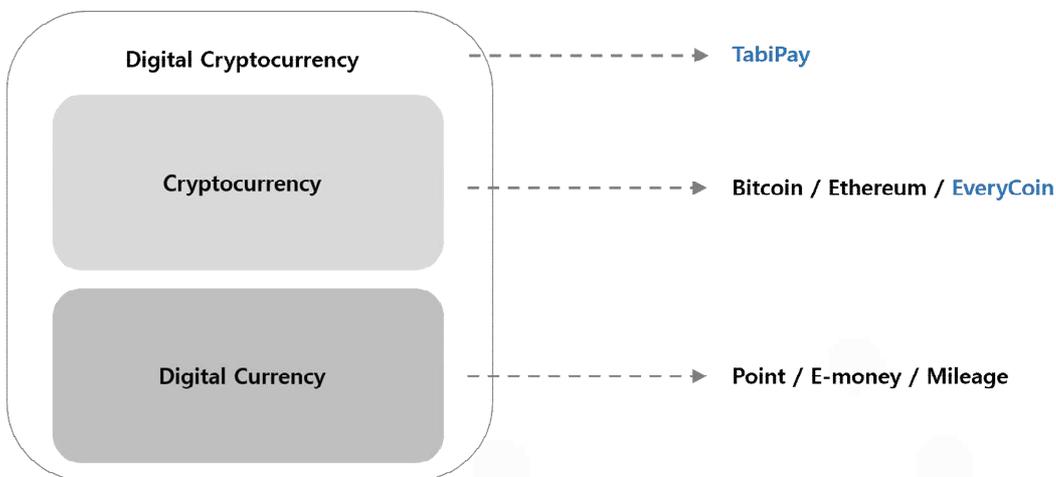
2.1 Encrypted Electronic Currency

Although cryptocurrency is accepted at the stage of investment and speculation, cryptocurrency also has technical value other than monetary value.

Generally, Bitcoin and Ethereum have a monetary value that you can pay, but you can not define a cryptocurrency only as a virtual currency like Bitcoin and Ethereum.

If the electronic money used in the real economy is made based on a block chain, it will be recognized as a currency because it develops in security and reliability more than existing electronic money.

Therefore, if electronic money is made based on cryptocurrency technology, it can be used more widely than common currencies as well as Bitcoin and Ethereum.



[Diagram 2.1] the Type of Digital Cryptocurrency

2.2 BlockChain Method

The block chain is a public block chain such as Bitcoin and Ethereum that anyone can participate in, and a private block chain in which only limited persons participate. The field of industry's attention is the private block chain.

Public block chain technology, which anyone can participate in, is not only undifferentiated but also has a vague profit model when applied to the industrial sector.

The most notable private block chain in the early years is the R3CEV (Global Block Chain Consortium). By sharing all internal bank transactions, R3CEV aims to eliminate or minimize intermediary roles such as clearinghouses represented by Swift. Since the clearinghouse is an intermediary that keeps and guarantees records of transactions between banks, there have been risks from the bank's viewpoints such as the brokerage cost and the centralization of transaction records.

However, blockchain technology can solve this problem by storing transaction records in a decentralized fashion. In other words, the transaction records of A and B banks are also distributed and recorded to other banks so that they can trust transactions between A and B banks. Big global banks such as Bank of America, Deutsche Bank and HSBC jointly established a company called R3CEV for this business and developed a private block chain. R3CEV has introduced a block-chain platform called Corda and is in the test process for its commercialization.

The HyperLedger, a block-chain research consortium led by The Linux Foundation®, is also growing fast. The early Hyperledger projects were led by IT companies such as IBM, Intel and financial companies and finance companies like JP Morgan. However, recently, massive manufacturing companies such as Airbus and Daimler as well as logistics companies like American Express, are actively participating in the Hyperledger project.

Private block chains are not easy to commercialize. Block-chain technology is a structure that gains confidence of data and services by managing data in decentralization. The greater the number of participants, the higher the reliability. However, the private block chain has the disadvantage that is difficult to obtain participants to decentralize the data or service and process it unless it is a federation like R3CEV. For example, if a company is building a private block chain, it needs to find a number of third-party companies that will decentralize and store the data.

As a result, more famous companies are planning cryptocurrencies business based on a public block chain. From the second half of 2015, cryptocurrencies that support various businesses have begun to emerge. And, as of January 2018, several global corporations are preparing or keeping their cryptocurrency business in mind.



3. Aaron System

3.1. EveryCoin - MainChain

The Aaron BlockChain consists of several SideChains attached to one MainChain and it differs from the traditional Single Chain system. It is a "branch ecosystem" that the MainChain acts as the backbone of the system and is connecting multiple SideChains(differentiation into multiple layers).



[diagram 3.1] Intro of Aaron System

All SideChains of Aaron can be linked to a few sub-chains and then they can be also linked with a role performance of MainChain in one area of the system. Like this, Aaron BlockChain creates branch structures of the system that can be expanded horizontally and vertically.

The Aaron MainChain is a block chain operated by the Aaron OS, which is the backbone of the entire system. It is consisted of a SideChain index system, a token system and a DDPOS agreement protocol.

The SideChain index system connects all the chains within the Aaron ecosystem.

The internal SideChain operated by an Aaron OS contributes to the capital environment of the Aaron system using Aaron tokens.

All Aaron SideChains are required to pay a certain amount of EveryCoin to create a healthy ecosystem and to determine if the SideChain is based on the Aaron BlockChain.

The amount of payment will be adjusted in consideration of the timing with sufficient time. In addition, the amount of payment will be determined through a community vote to measure reasonable payments.

EveryCoin is a token used in the MainChain for side chain-based currency and intelligent exchange. All SideChains can support their own default tokens and will be considered as assets

of Aaron.

The SideChain can easily issue a contract token. On the Aaron system, you can switch EveryCoin to digital assets, and vice versa is also possible.

If the SideChain decides to issue a digital asset, you must pay EveryCoin accordingly. At the same time with creation of the digital asset, the user sets the initial percentage of digital assets and EveryCoin. Aaron's capital pool and digital asset pool are created automatically and the ratios are quoted according to the market price.

If the value of a digital asset in the SideChain goes up, Aaron's capital pool will require more EveryCoin to maintain the value increase. The more quality SideChain projects using EveryCoin, the higher the value of EveryCoin naturally.

3.2. TabiPay - SideChain

TabiPay is a chain of cryptocurrency used in the SideChain of the Aaron platform and transaction chain method's banking block chains at the same time.

The nodes of the system in the TabiPay BlockChain consist of a Consortium BlockChain by the nodes our partner owns and operates.

TabiPay BlockChain uses the Delegated Proof of Stake (DPOS) Consensus Algorithm.

The issuance and deposit volume of TabiPay will be finalized later depending on the number of nodes and transactions in each country.

3.3. Eco-Chain System

Eco-Chain System is a collectivity of Cryptocurrencies, Smart Contracts, Tokens, Organizations, Mainnet, Testnet, Cloud R & D System. The Eco-Chain System includes BlockChain Systems or Non-Block Systems.

The MainChain of the Eco-Chain system will be EveryCoin. Hereafter, Tabi MainChain based on the DAG model will be connected.

Then, the Eco-Chain System will evolve or fuse into each SideChain including Smart Contracts, Tokens, Organizations. Each SideChain can be created with a Block or Non-block Chain system.

Each individuals or development teams according to the DAO model will be included into the R & D Systems of the Eco-Chain System and various outputs will be produced. They will develop, validate and distribute Tokens, Smart Contracts, Cryptocurrencies and Organizations.

The results produced by the R & D system are not run on Aaron's Mainnet immediately. It can be entered into the Mainnet after an open test involving various members in the Testnet called Beta Release.

When it is registered on Eco Marketplaces after Testnet of the R & D system, it will be

automatically entered into the Mainnet.

Registering in the marketplace means that many system users can use a real time service environment easily without any additional configuration or synchronization of huge blocks (Everytime new cryptocurrency is added, it is synchronized)

Eco Marketplace is Cloud Computing and it is the space where the results of the DAO system are stored. It is also where the proposed or calculated results from the DAO system are combined with the Eco chain system.

In Eco Market Place, various experiments such as various versions, beta, formal opening, upgrading and so on can be done. It has functions that can be developed and distributed in conjunction with Testnet and Mainnet.

New smart contracts, tokens, cryptocurrencies, sidechains, etc. downloaded from Eco Marketplace will automatically become the part of the Dynamic Smart Wallet (DSW).



4. Aaron BlockChain Technology

The Aaron Platform is built with a cryptocurrency system that digitalized real money, a Global Finance & Payment System, and a Multiplex Governance System. It tries and actualizes new financial services that all people can use by keeping all trading books on Multi BlockChain safely.

Aaron Platform's block chain system is BlockChain and Non-block Chain System at the same time. They have a unique structure called Main BlockChain and Side BlockChain and each chain is connected in parallel or series.

In the block chain of Aaron Platform, EveryCoin becomes the MainChain of all chains and each other block or non-block chain is connected to it.

Each SideChain is developed by the DAO system and the developed items can be BlockChain or Non-block Chain. Each of these is connected to the MainChain as SideChain. In addition, each chain can have a protocol of agreement (POW, DPOS, POS, PBFT, POOL) in a unique way and can be also divided into separate networks.

EveryCoin System will build a system that accepts a Block or Non-block chain called the huge Eco-Chain System as the same ecosystem and communicates with them. These ecosystems make organic alliance possible and establish channels for communication among Chains.

In addition, the EveryCoin system will provide a unique system environment called DSW.

The Eco Marketplace, so called the developer system, is a massive Cloud Computing System. Each developed and uploaded SideChain in the Eco Marketplace will be an electronic wallet called the Aaron Wallet, at the same time, and it will be a container of applications that can actively add, modify and delete chains.

Aaron BlockChain uses a hybrid agreement method that combines POW and DPOS. And it performs checking and complement each other by combining the advantages of a public block chain and a private block chain.

The Aaron BlockChain system node works with a 2-way decision consensus method, which are a mining node of the POW and a node of the DPOS that must be authorized by the Aaron System Corporation. It is consisted of Business node with the partners managing and maintaining the system as well as the EIUC called EveryCoin International User Council.

Aaron BlockChain does not waste unnecessary power or time to generate blocks by combining the POW agreement method with the DPOS agreement method in which the delegated node receives contract authorization and transaction fee in contract execution. And it does not need to wait for the new block to be mined. instead of it, but the state change is authenticated and approved at any time by the agreement of the possible designated nodes.

Individual chains can be customized. And sensitive business data can be stored and authenticated by the Aaron Guarantee Cloud service under strict security instead of being stored

in an unspecified location.

Aaron Guarantee Cloud is responsible for asset and digital signature processing, but it is separated from the block chain. It increases transaction speed and makes synchronization time shorter

The Aaron Platform uses Directed Acyclic Graph (DAG) network transport method. For example, if the Bitcoin transmission method is like receiving data from the parent, the DAG is a method of receiving data from parents and siblings. As DAG shortens the time for a block to be distributed to all networks, it makes transmission speed fast and reduces the cost by processing large amounts of data at once.

The DAG starts from the concept that has no limitation in throughput and processing speed. Also, the processing of transaction approval is immediate and it takes good care of the maximum amount of information at the maximum speed that the network can handle.

Since the Aaron Platform starts from DAG as the basic concept, the calculation of the transaction process' speed per second is meaningless.

This concept can make us deal with determinism in flexible way.

4.1. Hybrid Consensus & DDPOS(Double Delegated Proof of Stake)

The consensus algorithm is the core of the block chain-based currency or system. The algorithm tries to answer the question, 'How can we prove that all decentralized databases have the same set of information?'

The advantage of POW is that it has strong security and stability as proved in Bitcoin and Ethereum already. Since mining has been going on for many years, it has many advantages such as preventing the inflation of the currency because the total amount of coins is not simultaneously distributed to the market from the beginning.

However, after a certain period of time, POW will increase the difficulty of calculating the encryption algorithm. So in the POW system, due to competition, weak hash power's group are extinguished while only strong hash power's group survive. As a result, problems arise due to leaning toward the mining group.

The Aaron Platform will use the hybrid protocol of the POW + DDPOS (Double Delegated Proof of Stake) which is originatively designed by the Aaron team. This protocol will improve security and network performance while maintaining a reliable network as combination of POW and POS.

In particular, DDPOS is a way to lock a certain amount of tokens before running a node on the network like POS (Proof of Stake). But, only a Business Node consisting of partners who manage and maintain the system and an EveryCoin User Council node called the EveryCoin International

User Council (EIUC) can participate in the settlement. The nodes are executed through mutual complement and agreement. On the other hand, if the delegated EIUC wants to stop the node, they can unlock the token.

A business node can stake EveryCoin in every 10,000 units within one node and EveryCoin International User Council (EIUC) can stake EveryCoin in every 100,000 units within a node. They receive a Transaction Fee in proportion to the total number of coins staked to the node in exchange for liquidity suppression.

Coins staked on a node provide economic incentives for operating a node as well as guaranteeing the security and integrity of the information stored in the node's block chain. According to preset rules, when a node is found to have falsified a block chain, all stake coins are confiscated into the donation budget account.

The number of nodes in the EIUC (EveryCoin International User Council) is adjusted according to the number of business nodes.

the amount of token and the selection of EIUC will be finalized later through a community vote.

4.2. Smart Contract

Aaron Smart Contract is executable script data that is usually stored in a tree structure.

All information is stored in the "key and value" format. Each key is represented by a unique address. And the value can be a reference to a fixed value, binary executable, script executing with logic or any other tree, address, etc., So, it forms a complex nesting structure.

The scripts in Aaron Smart Contract are a turing-complete. To put it simply, it means that a script can run other scripts and contain a lot of complex programming.

In some cases, it can be very complicated to express appropriate logic to perform some transaction or management. It is almost impossible to include provisions in contracts for these various possible scenarios, but it can be easily accomplished with executable scripts stored in contracts.

A script is a signed and unalterable part of a contract that can perform complex and intelligent logic to check for complex conditions, activate specific triggers and perform additional tasks as needed.

Overall, the tree of Smart Contract creates a Smart Contract Chain (SC-chain).

A Smart Contract chain represents a series of Smart Contracts that refer and verify each other. The SC-chain represents the actual set of related documents. The characteristics of the new SC-chain are defined by the new Smart Contract. However, the block chain does not store the contract itself, but only the state of the contract. The body of contract is stored in another object, such as the Aaron Guarantee Cloud. This means that you can facilitate Smart Contracts with

unspecified infrastructure via Amazon server or in-house hardware. As the execution of the contract is authenticated by the user signing and by nod approving transaction status, all transactions on the Aaron platform can be trusted.

4.3. BLAKE-256 Hash Algorithm

Hash Algorithm is one of the most important elements in Blockchain.

This is a 32-bit constant string that is used to store encrypted transaction information in a block using a hash function.

This hash function should not be hacked or easily accessible by anyone.

EveryCoin is used to encrypt BLOCK DATA using the BLAKE-256 hash function.

The BLAKE-256 hash function is similar with SHA256 hash function, but it is more powerful, faster and more secure Hash function.

Especially, it is capable of producing high performance on regular x86-64, mostly personal computers.

4.4. Schnorr signature

Signature algorithms can be easily said to be a key to send and withdraw money in virtual currency. In Crypto currency, the portion of the digital signature is fairly large because the size of the key value is larger. Conventional bit coin has a new segwit due to network's slowing speed and increasing block size caused by digital signature's size. To solve those problems, Schnorr Signature was used as the signature algorithm.

Schnorr Signature algorithm is an exciting innovation that has scalability in transactions, protects privacy and improves security.

The Schnorr signature algorithm saves the space required for signing and reduces the overall cost by completing the signature through a single signature in the trade with multiple parties.

The Schnorr signature algorithm results in a huge efficiency increase because it reduces 25% space and bandwidth

Schnorr signature has various features such as group signing functions, reduced cost by reduced data size, scalability and the ability to defend against spammers' attacks. Also, the resistance to quantum computers is higher than existing signature algorithms' one.

EveryCoin will create a safer and faster block chain by using the Schnorr signature algorithm.

4.5. DAO (Decentralized Autonomous Organization)

DAO is the one of revolutionary concepts in CryptoCurrency.

This concept originated from the decentralized autonomous corporation (DAC). By accepting this concept into Cryptocurrency gradually, DAO's basis was created.

Looking at the features.

1. Openness and transparency : Nowadays, the spirit of open source software has become a typical example of openness.
2. Decentralization: Centralized individuals or organizations cannot control the entire DAO. This feature determines self-similarity. The feature of the decentralized system ensures the vitality of the DAO system and protects people from corruption and abuse of authority.
3. Autonomy: Everyone can participate in the DAO system. All participants are either subsidiary or sub-unit of DAO system, which will promote the development of DAO from their own point of view. The spontaneous behavior of the participants guarantees the operation of the DAO.
4. Value: A DAO system must have value in use and can be put into practical application.
5. Democracy: Changes in the core protocol of the DAO system require voting from vast majority of units. And the decentralization and autonomy functions have determined that the DAO must be a system capable of democratic voting.

The work of the world does not mean that any organization or association can do all the works. The introduction of new concepts is indispensable in order to keep new sustainable development in the future and to operate new systems. One of them is the DAO method.

After DAO has become the core system of the "Eco Chain System" ecosystem, any organization or person including the one of Aaron's key figures cannot make all the decisions peremptorily. It will go on process smoothly inside the system through the method and procedure that we have already talked before.

The Eco Chain system will adapt the concept of DAO for the operational development of the ecosystem of the Crypto Chain and will also give a certain share to the DAO System. This will create flexibility, autonomy and new value in the marketplace as well as help build a new world of Eco Chain System.

4.6 DSW(Dynamic Smart Wallet)

Aaron Wallet is a completely new electronic wallet with Dynamic Smart Wallet (DSW) technology. This is not a single wallet you've ever thought of. It is not also the wallet to make smart contracts work only after complicated commands are entered. Like installing new apps on the smartphone app, we just need to download the API simply to install the chain that connects to the new chain in our Eco chain Marketplace. So, we call it DSW and also call it Eco Chain's new Wallet OS.

This system can work because there are the Eco Marketplace that is Cloud R & D System. Individuals who own a wallet can participate in the Testnet development such as a beta version of each individual chain registered in the marketplace. Or they can take part in feedback as a

individual user.

After all, the Eco Marketplace and DSW systems will become the Aron platform's key factors. And they will be the most important outputs of the Aaron Platform.

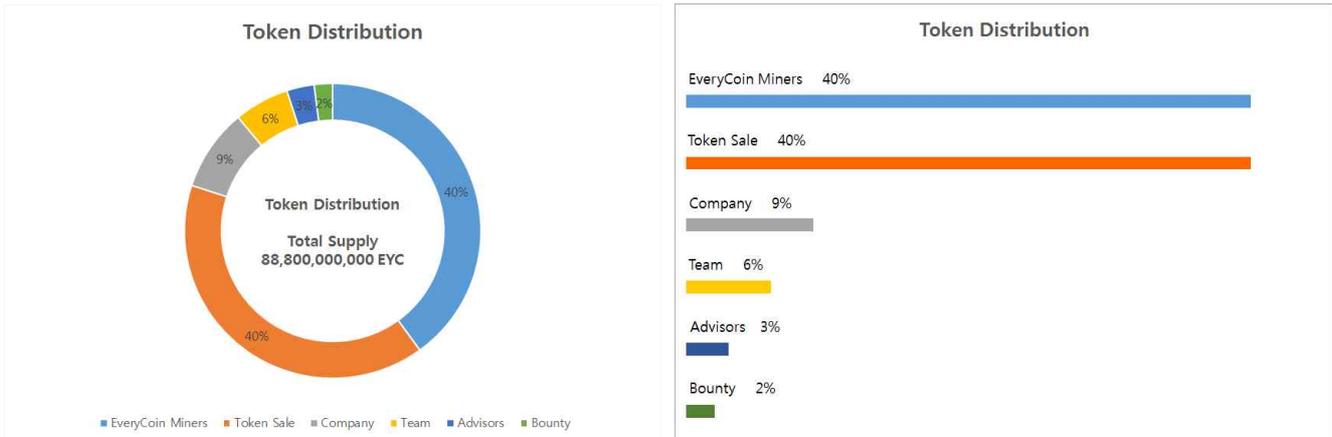
Aaron Platform's DSW will basically set up EveryCoin and TabiPay for immediate use. This is not the user's choice option. When you download the DSW, it will be the initial basic API. The basics that DSW works are synonymous with EveryCoin and TabiPay.

After then, in the Market place, you just need to download any new SideChain or Smart Contracts, Tokens, Cryptocurrencies and so on.



5. Token Distribution Structure

5.1. Token Distribution



[Diagram5.1] Token Distribution Structure

The Aaron ecosystem is supported by the "EVY" token, which is a virtual asset itself represented by Aaron Smart Contract.

The total token issuance is 88,800,000,000EVY. 40% of total issuance is used for POW mining and DPOS node compensation after main net opening. The rest 60% is used as follows; 40% for token sale, 9% for company, 6% for team, 3% for global advisors and 2% for Bounty.

Pre-sale & The Token Generation Event

The token will be distributed step by step after the date of each sales period, as shown in the schedule below.

During the TGE (Token Generation Event) period, as the Ethereum "ERC20" token is distributed, the EVY token can be exchanged in open trading before the Aaron Blockchain is activated.



[Diagram 5.2] Event of Sale Token

Category	Amount	%	Period	Bonus
ENTERPRISE SALE	3,552,000,000	10%	~2018. 08. 20	
PRIVATE SALE	12,432,000,000	35%	~2018. 08. 20	
PRE SALE 1	7,104,000,000	20%	18.08.25~18.09.20	40%
PRE SALE 2	8,880,000,000	25%	18.09.22~18.10.20	25%
ICO	3,552,000,000	10%	18.10.25~18.12.25	
TOTAL	35,520,000,000	100%		

The Aaron's Token Generation Event (TGE) is held to get financial support from our partners at a cloud sale event to support our future development. Our plan is dynamic and deals with various situations effectively. Even if we can not raise additional funds during the ICO period, we will push ahead our plan by using the raised funds during pre-sales period.

However, we have a goal of raising funds on a scale of over \$ 10 million. In case that it is under Softcap, it will be refunded to investors in full. Our ICO is to create a new rule in law and politics around the world with establishment of the Aaron Foundation. Please feel free to contact Aaron System for whole budget and expenditure plans including development goals, legal structure and research goals.



6. Team & Advisor

6.1. Team

CEO	CCO	CTO	CMO
Aaron Jin	Ju Min Eum	Jae Woo Kim	Hyong Seung Moon
			

CFO	Marketing Director	Communication Director	Marketing G.M
Dong Ho Seo	Sermpun Tilakul	Brian Hong	Seung Ho Lee
			

Communication G.M	Senior Technology Developer	Marketing staff	Communication staff
Samuel Pham	Kye Bong Choi	Tran Thi Thoa	Tran Thi My Linh
			

6.2. Advisor

Doctoral of Public Administration Curriculum / INSTRUCTOR	Royal Thai Aide-De-Camp Department / COLONEL	Major Party / Acting for Leader	Appellate Litigation Region / Attorney General
General DR. BUNDITH PIRIYASISUNTI PH.D	CHUMPHON INTHONGNOI	Mr. PIYANAT PRASERTNOO	Mr.Nipat Puchadapirom
			

Laywer , Owner and Head of Law Offices V&T	Chairman of the board Dairy Cooperative Limited / Senior Consultant Laster Tech	Consultation of SKADA Project (PTT Provider) / Consultation of Y-TEL Project (TOT Provider)	Thayang police station / Superintendent
Mr. Thalad Sombatbul	Mr. KANTAPHON CHALERMYUT	Mr. Vorapop vutcharavit	Pol.Col.Archawin Bundhamcharoen
			

Planner of Aaron System / Professional Gamer	Assistant President International Affairs	Advisor of Korean BlockChain Association / Representative Lawyer of Law firm	Former Executive Manager of DEAWOO Securities
KIM DAVID IN	Cheol Je Cho, PH D	Jung Sug Chae	Jae Woo Hwang
			

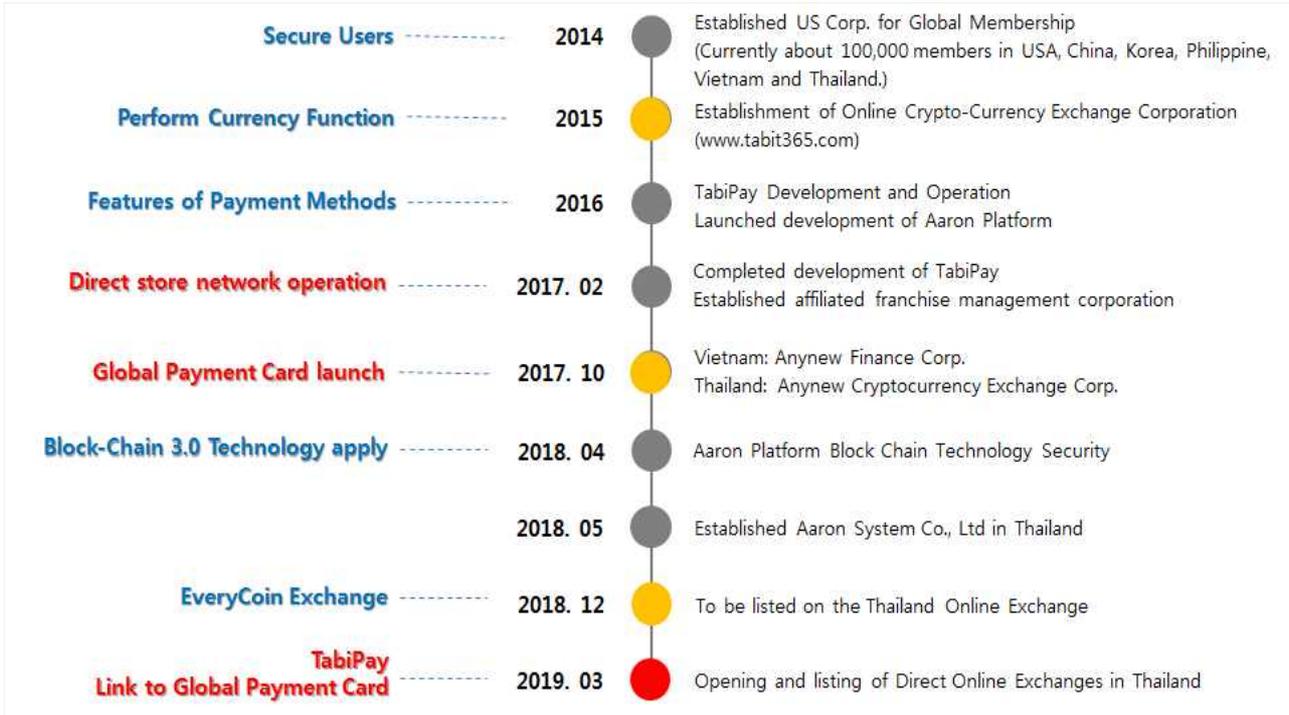
Former Manager of HOAM foundation	Real Stock Financing / CEO	M Corporation President / CEO	ROBx ENTERPRISE / CEO
Soon Ho Kweon	Moon Ji In	REYES MOY DOMINIC UNGSON	REYES ROBERT BENEDICT UNGSON
			

CEO of MONGOHANSCOM/ Orange Cable TV
Soung Wook Lee


7. History & Roadmap

7.1. History

We have prepared many works for the last 4 years in order to develop Aaron platform.



7.2. Roadmap

we will implement the following plans to complete Aaron Platform.



8. Conclusion

The Aaron Platform will enable financially excluded persons, who have not received financial services, to receive financial services. Furthermore, it provides cryptocurrency that can use fast & easily and withdraw money anywhere in the world.

With Aaron Platform's EveryCoin as the center, TabiPay and numerous Eco-Chains will dynamically move together and create a block-chain ecosystem.

Users will use BlockChain at many fields in daily life with Aaron Exchange and Aaron Wallet.

The Aaron team is deeply concerned about the problems of the current block-chain world. Block chains for transparency, stability and security have been exposed to hackers, bugs, malicious nodes, etc., As a result, the concept of trust has been weakened and the development of the industry is being disturbed.

We have a deep insight into business and block chain technology. We have solved the problems and will do our best to complete our goals.

Through EveryCoin, the global common currency, Aaron Platform will create the world that everyone receives convenient financial services anytime and anywhere.

※ Notice of Disclaimer

This document is currently being drafted and we endeavor to ensure that the information in this statement is accurate and up-to-date, but it is not completely exhaustive.

This document contains forward-looking statements and is subject to change. Despite of change, it is not independently notified.

Aaron Platform Cryptocurrency is not securities issued in any jurisdiction. If the content of this document is inconsistent with your jurisdiction or with the law you are restricted, you will not be able to purchase the Aaron Platform Cryptocurrency.

This document is not an investment suggestion and does not include any negotiation elements.

A detailed disclaimer will be announced in a future version of this document and please contact a professional lawyer if you have any questions.

July 20, 2018

SYSTEM
Aaron