

# PYRAMID

Next-generation bottom layer

file storage protocol

White paper



**PYRAMID**

# Introduction

Pyramid's goal is to build a distributed IaaS (Infrastructure as a Service) platform. Pyramid combines flexible development tools to help developers release software, make money and change the organization and execution way of existing storage tasks. By implementing decentralized microservices and asynchronous task execution, Pyramid is committed to becoming the cornerstone of building the future of the Internet world. It will significantly reduce storage costs and benefit everyone.

This white paper explains the technical architecture and ecosystem of the distributed IaaS platform. Pyramid is a decentralized storage network that turns cloud storage into an algorithmic market. This market runs on a blockchain with local protocol tokens (also called Pyramid). Miners in the blockchain can obtain Pyramid Coin (abbreviation of PMD) by providing storage for customers. Conversely, customers can use the Pyramid Coin (PMD) to hire miners to store or distribute data.

In addition, Pyramid's goal is to introduce a shared digital asset ecosystem platform based on P2P delivery, including Pyramid PC, Pyramid Chain, Pyramid Coin, and Pyramid Daap. The use of Pyramid Coin (PMD) allows miners, users, and Pyramid Coin (PMD) holders to become a part of encryption economy while creating a distributed solution to cover the network.

Pyramid has established an experienced research and development team based on digital encryption technology, P2P network technology, and BitTorrent transmission technology, as well as experienced management and operations personnel.

The Pyramid eco-community is supported by Pyramid Coin (PMD). PMD is a practical pass for resolving every transaction in the Pyramid ecosystem, which uses passwords to measure the value of assets and content.

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# **Pyramid Vision and Core Characteristics**

# 1

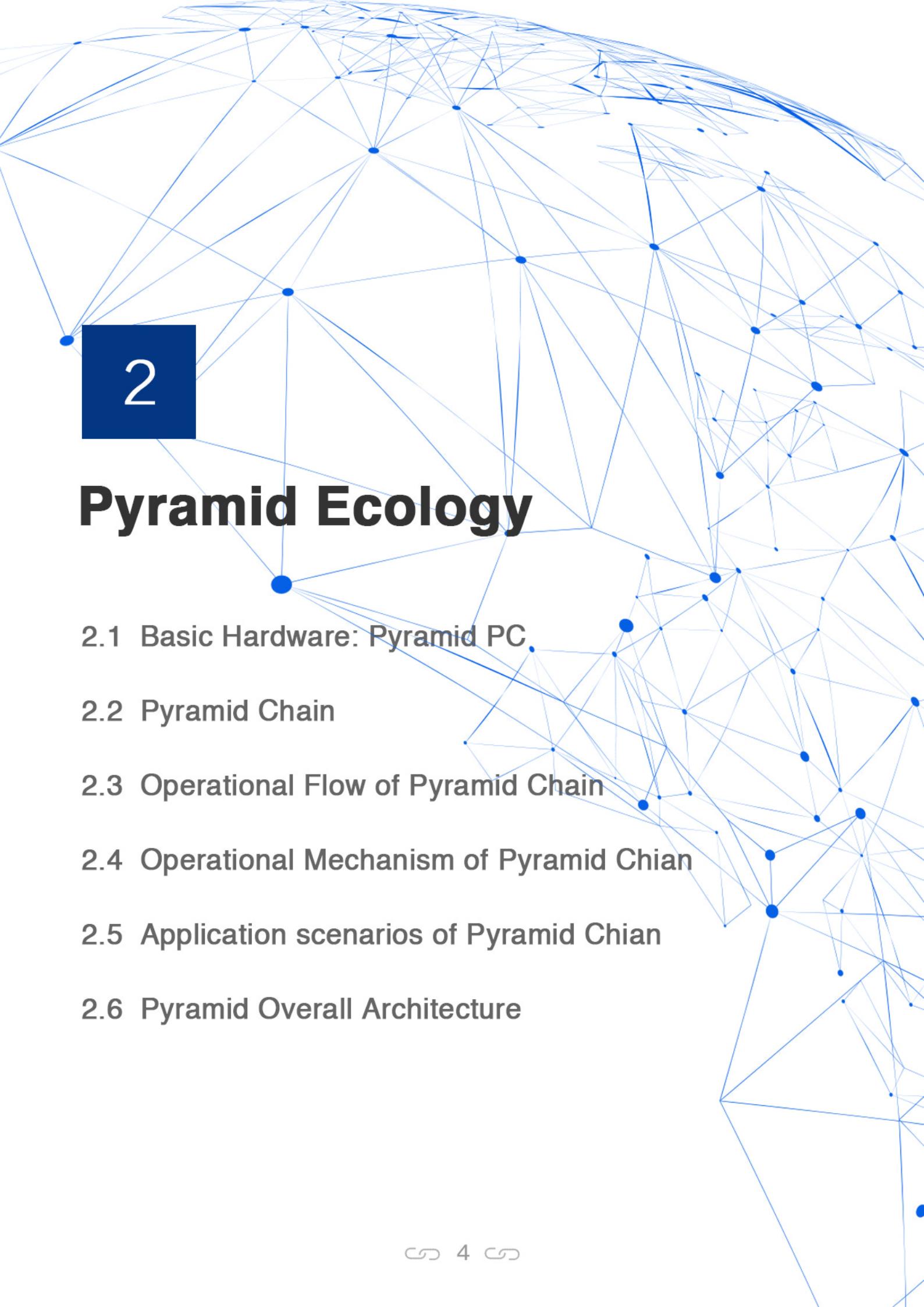
## Pyramid Vision and Core Characteristics

Pyramid is a global distributed IaaS ecosystem service platform that combines the latest blockchain technology, adopts decentralization as a means, and supplemented by reward mechanisms and consensus mechanisms to reshape the communication way between users and websites.

Pyramid is committed to solving the problems of inefficiency, high cost, duplicated storage, wasted storage resources, and security in the Internet world, helping to protect the network while eliminating the need for centralized management. Pyramid will create a truly decentralized storage network, and combine with flexible development tools to help developers release software and make money, and change the organization and execution ways of existing storage tasks. By implementing decentralized microservices and asynchronous task execution, Pyramid is committed to becoming the cornerstone of building the future of the Internet world.

Pyramid connects storage drives and computers through a P2P network, which allows storage owners and individual users (storage space "requesters") to rent storage space (storage space "suppliers") from other users. These storage resources can fulfill the storage tasks that require certain storage costs and transmission times. At present, storage resources are controlled by a centralized service provider, or idle at the user's storage space, which is subject to the existing content storage and transmission networks, payment systems, and rigid operating models. Pyramid also has a core built-in feature based on Ethereum's payment transfer system, which enables direct payments between storage space buyers (requesters), sellers (suppliers), and software developers.

Pyramid as a pillar function of the decentralized storage market can be seen as an infrastructure-as-a-service (IaaS) and a platform as a service (PaaS). By integrating some proprietary software, Pyramid will show its true potential. Any interested third party can create and deploy software on its own basis and publish it through the application registration market. Under the transfer payment framework, developers can expand and customize payment methods to achieve a unique way to make money.



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# Pyramid Ecology

- 2.1 Basic Hardware: Pyramid PC.
- 2.2 Pyramid Chain
- 2.3 Operational Flow of Pyramid Chain
- 2.4 Operational Mechanism of Pyramid Chian
- 2.5 Application scenarios of Pyramid Chian
- 2.6 Pyramid Overall Architecture

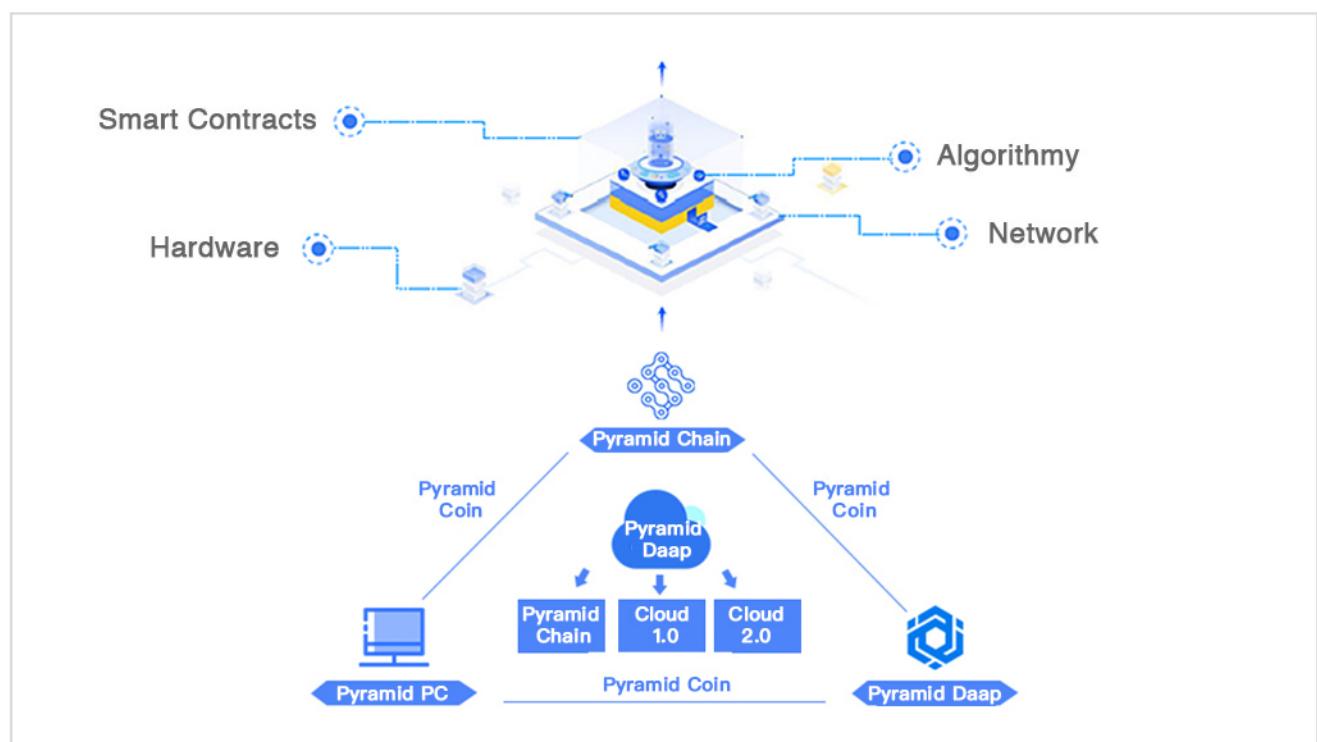
## 2

## Pyramid Ecology

The commercial application of Pyramid can be attributed to the fact: due to technological progress in recent years, the market for storage resources can be re-architected according to a new theory. At present, the storage and file transfer market is monopolized by giants. They use the market advantage to enjoy high profits, which in turn leads to high prices for storage services. With Pyramid, the supply of storage resources will come from personal and professional storage providers and can be combined with a series of proprietary software solutions distributed across the "Pyramid Application Registration Market" The "Application Registration Market" is itself a competitive application market with detailed information and self-operation.

The new market mechanism implemented requires three groups of user support: storage resource sellers ("storage resource providers"), task creators ("storage resource requesters") who need to upload storage tasks to the network, and software developers. These three groups form the unique interactive ecosystem of Pyramid.

Pyramid Ecology is equipped with mining mechanism. It's based on Pyramid PC, Pyramid Chain, Pyramid Coin and Pyramid Daap to achieve global distributed cloud computing and cloud storage basic service platform and enable data to have automated, safe, and efficient value transfer.



## 2.1

# Basic Hardware: Pyramid PC

Pyramid PC is a hardware host based on content-addressing technology for point-to-point hypermedia protocol storage, Pyramid Chain public chain management digital assets, and user's customization reward system through smart contracts.

Pyramid PC is a hardware product based on blockchain technology. It's a intelligent hardware for digital assets through distributed cloud storage, cloud computing shared spare hard disk space and broadband. It's equipped with internal 128GSSD hard disk storage, and external hard disk storage devices. With the idle resources provided by users, it provides a comprehensive and stable CDN service for the Internet business, and provides acceleration services for a series of innovative and valuable mass services such as download platforms, UGC acceleration platforms, streaming media platforms, and dynamic acceleration platforms. Users can not only earn pyramid PMD by sharing of spare storage space and broadband through Pyramid PC, but also easily get community rewards by sharing content to get pyramid PMD and share eco-development bonuses.

As a PC with excellent performance, Pyramid PC integrates functions such as office, internet, and entertainment. Users only need to keep the Pyramid PC connected and power supply turned on in any network environment, and then all the functions of an ordinary PC can be realized. In addition, the Pyramid PC can provide a massive, secure, reliable, and low-cost CDN cloud storage service that allows users to easily store and access the cloud through the Pyramid PC. On the basis of the Pyramid PC, external hard disk devices can also be used to flexibly expand capacity and processing capacity and a variety of storage types can be selected.



## 2.2

# Pyramid Chain

Pyramid Chain is a deintermediary public blockchain platform that serves network storage files. It is committed to creating a blockchain network system for information exchange, value interconnection and trust exchange in the field of network storage files.

## The Background and Significance of Pyramid Chain

Blockchain technology is a revolution in the credit mechanism. It has the outstanding characteristics of decentralization, non-tampering and non-rewriting, and has a revolutionary impact on the reconstruction of production relations. In the past two years, the research and application of blockchain technology has shown explosive growth. It is expected to reshape human social activities again like the Internet, and realize the transformation from the current information Internet to the value Internet, Or it may become the fourth milestone in the evolutionary history of human credit following blood credit, precious metal credit, and central banknote credit. As a basic technical framework with universality, blockchain technology can bring profound changes to various fields. According to the current development of blockchain technology, the blockchain technology includes a blockchain 1.0 model featuring a programmable digital cryptocurrency system, a blockchain 2.0 model featuring a programmable financial system, and a blockchain 3.0 model featuring a programmable society, and the three modes have a parallel and non-evolutionary development. Blockchain technology can not only be successfully applied in the field of digital cryptocurrency, but also has a wide range of application scenarios in various fields. It can be generalized into six scenarios: digital currency, data storage, data authentication, financial transaction, asset management and election voting.

The IPFS protocol is also a network, and it has been running for many years. Like Bitcoin network, it does not invent any new technology. It just combines a lot of technologies (P2P network technology, BitTorrent transmission technology, Git version control, self-certifying file system

## 2.2

## Pyramid Chain

data transfer protocol etc.) and improves innovation and integrates IPFS network on these technologies. The function is more powerful than the HTTP protocol we now use on the Internet, making the IPFS protocol possible to replace the HTTP protocol and creating a better, more efficient, lower-cost Internet world. In the current Internet world, users and websites communicate based on the HTTP protocol. Then, the IPFS protocol uses decentralization as a means and supplemented by rewards and consensus mechanisms to reshape the way users and websites communicate. There are only unique files in the IPFS network, so the files will not be duplicated and will not be maliciously tampered, which will greatly reduce storage costs and reduce waste of storage resources. This unique file can be found simply by looking up its hash value. This design is much more convenient than usual when we look for files. In addition, when the file is uploaded to the IPFS network, the file is divided into many parts, each of which is stored on a different hard disk across the country, and every place has a part of this file. This hard disk is in the personal home of the user. Hundreds of G or even several Ts are on the hard disk. When downloading files, data is acquired from each user's home at the same time, which is much faster than centralized storage.

IPFS network has huge data storage requirements, requires a lot of nodes and distributed storage space, and needs to be distributed to hard disks distributed around the world. If there is no incentive mechanism, why should we buy hard disks for IPFS network sharing? The Pyramid protocol is a set of rules that motivate users to store and issue token: PMD. As long as it can help the IPFS network to store files, the PMD can be got, which is the source power of our willingness to put files on our home storage. The acquired PMD is valuable because PMD is combined with the real economy in this storage process.

## 2.3

# Operational Flow of Pyramid Chain

The Internet world is essentially the transmission of data. Transmission includes upstream (send data) and downstream (receive data). Upstream (send data), that is, your computer sends data to the Internet. For example, when you click on the page you want to see, it will upload instructions to the Internet, you upload the picture to the circle of friends, and the resulting data is the upstream data. Downstream (receiving data), you download data from the Internet. For example, when you watch a movie, you are constantly downloading videos to generate traffic, or when you look at a web page, the pictures and web pages that are displayed on your computer on the Internet are all displayed after downloading, and the resulting data is downstream data.

There are two concepts in the Pyramid protocol: the storage market and the search market.

The upstream of the Internet (send data) is similar to the search market in Pyramid.

The downstream of the Internet (receiving data) is similar to the storage market in Pyramid.

In the Pyramid network, Pyramid puts user's storage and retrieval requirements in a trading market. This transaction process is similar to the user buying a product on an e-commerce platform. Platform owners are like miners in the Pyramid network. The platform merchant becomes the owner (miner) and needs to pay the deposit (PMD) to prevent the owner (miner) from defaulting during the transaction, resulting in the transaction not being completed. After the merchant becomes the owner, the merchant will create own product information (registered hard disk space in the Pyramid network). The owner uploads the product to the platform (Pyramid network) and marks the price clearly. Buyers browse the platform page to find products that match their own price (storage services). The buyer submits the order to purchase the product (order of submitting data storage), the owner receives the order to start providing services (storage data), the buyer confirms the receipt after the completion of the service (confirm that the owner has stored data), and then the buyer makes the payment (PMD) to the owner (miner).

In this way, a set of storage processes is completed, and the client has to retrieve the data, which is a similar process.

## 2.4

# Operational Mechanism of Pyramid Chian

## Consensus mechanism

Pyramid's consensus mechanism is storage proof. The consensus mechanism of the Bitcoin network is proof of workload (PoW). For example, I transfer one hundred Yuan to Miss Fang today. At the same time if there are one million computers in the entire network, when I transfer the money, I give a shout to a million computers and I transfer them to her. So I put the account in each person's small account book, and each account book is kept uniform. When accounting, the high-speed operation of the CPU is very power-consuming and consumes a lot of computing resources and energy.

Pyramid's consensus mechanism is relatively environmentally friendly. The owner (miner) finishes the shipment (completes the storage). The buyer confirms the receipt (confirmation of the miner's completion of storage). The "confirmation of the miner's completion of storage" is the Pyramid consensus mechanism (storage proof, PoSt), this "confirmation of the miner's completion of storage" will always exist in the Pyramid network, and users can view at any time.

Pyramid converts the current storage data of the miners in the network relative to the storage rate of the entire network to miner voting rights, uses storage proof (PoSt) to generate consensus, does not waste computing resources and energy like Bitcoin, and can motivate miners to invest more hard drives to contribute to the network.

## DSN decentralized storage network

DSNs aggregate storage provided by multiple independent storage providers and provide

## 2.4

## Operational Mechanism of Pyramid Chian

self-coordinated services for storing and retrieving data to customers. This coordination is decentralized and does not require trust: Through the coordination of the protocol and the verification operation performed by the individual participants, the system can obtain the security operation. DSNs can use different coordination strategies, including Byzantine protocol, gossip protocol or CRDTs, which depends on the needs of the system.

The DSN scheme must guarantee the integrity and recoverability of the data, and can tolerate the management and storage failures defined in the following sections.



## 2.5

# Application scenarios of Pyramid Chain

## Supply chain finance

Pyramid Chain creates the blockchain-based new type supply chain solution, aims at realizing the synchronization of commodity flow and fund flow, meanwhile offers the tracing service of supply chain, realizes the retrieval and tracing of information such as origin and history of product materials, raw materials, and products by recording the overall flow information of retail supply chain on the blockchain, and promotes the transparency and authenticity of information on the supply chain.

### 1. Distributed account book improving the transfer efficiency

The blockchain technology is utilized to denote the data information involved in the commodity logistics process as the distributed multi-node database operated jointly by all, and save the data copy in multiple positions or nodes. Each block includes the detailed information, such as seller, buyer, price, contract terms, and any relevant detailed information, to verify of the whole network by the exclusive signature of both parties and many parties. If the encryption records of the whole network are consistent, this data is valid, and is uploaded to the whole network, for the purpose of information sharing and absolute information security. Accordingly, the



Point-to-point&  
Consensus mechanism



Cryptology



Chain appended  
storage structure



Smart  
Contract

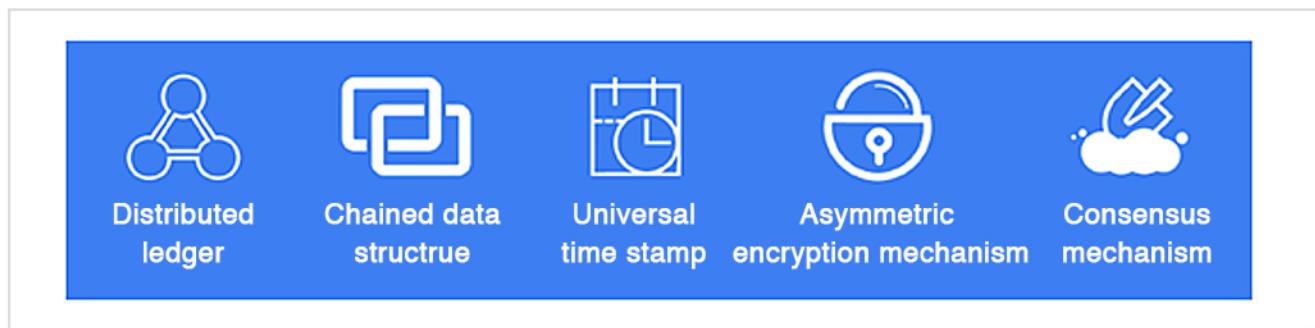
## 2.5

## Application scenarios of Pyramid Chian

information interaction is reached, and the scale and benefit of logistics are determined, to enable everyone in the system to keep accounts, obtain great security of the overall system, guarantee the public and transparent records of account book, remove the flow of manual information and paper-based information, reduce the costs greatly, and improve the efficiency.

### 2. cochain, evidence-keeping, and traceability

All steps in the process from goods shipping to receiving are recorded by the blockchain, to ensure the traceability of information, and accordingly avoid the packet loss and wrong receiving events from occurring. For signing for the express delivery, it is only required to check the blockchain, to completely eradicate the problem of the courier falsely claiming the package by the forged signature, and promote the implementation of logistics real-name system. Also the enterprise can master the logistical direction of products by the blockchain, to prevent fleeing goods, facilitate cracking down on counterfeit goods, and guarantee the benefits of offline dealers at all levels.



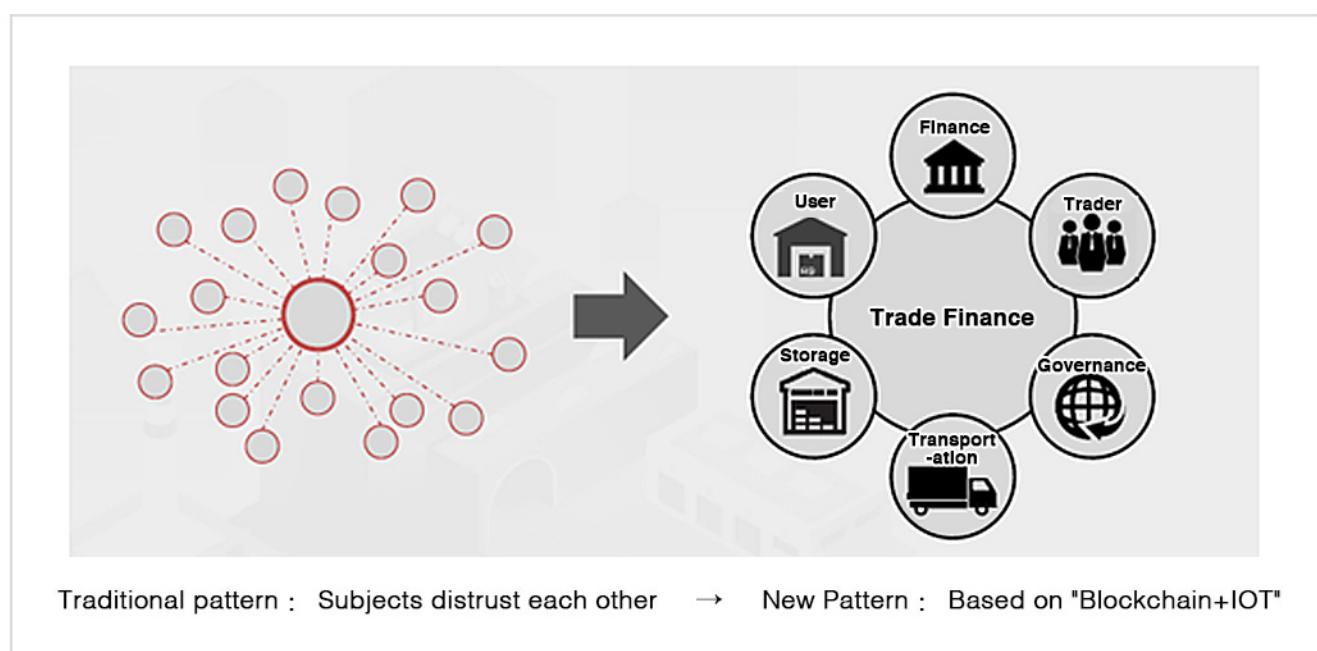
### 3. Supply chain finance, promoting the fund efficiency

The blockchain technology can help to solve the financing difficulty problem of enterprise on the commodity circulation supply chain. Most enterprises on the commodity circulation supply chain are medium, small and micro-sized enterprises, and the enterprise credit rating is generally lower. Many enterprises fail to gain the credit rating, and are difficult to receive the financing loan service from the banks or financing institutions. Moreover, the application of blockchain technology in the logistics industry enables the logistics

## 2.5

## Application scenarios of Pyramid Chian

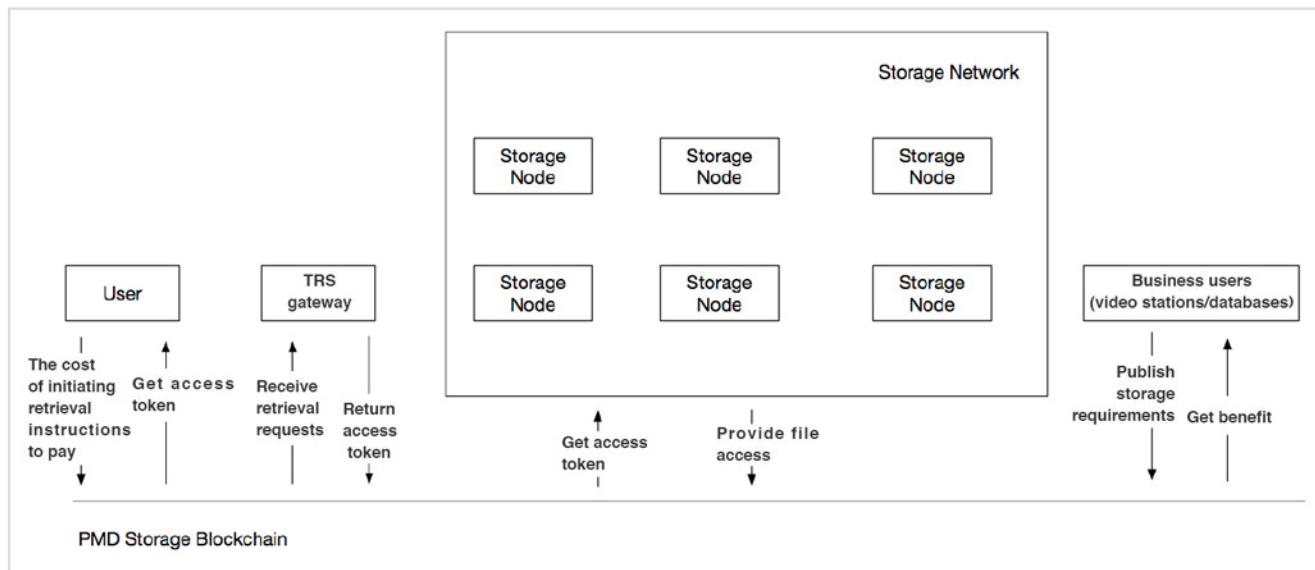
commodity to possess the capitalization feature, and helps to solve the above problems. The blockchain technology can valuate and capitalize the informationalized commodity, mainly because the assets recorded by the blockchain technology are unalterable and unforgeable. The fixation of the unique commodity ownership enables the commodities in all logistics chains to be traceable, falsifiable, and tamper-resistant, to realize the capitalization of logistics commodity. The blockchain foundation platform is utilized to enable the funds to access to the commodity circulation industry effectively and rapidly, and accordingly improve the business environment of medium and small enterprises.



## 2.6

# Pyramid Overall Architecture

The Pyramid system is divided into two parts, a decentralized storage network and an account book. The former is used to store fragmented encrypted data, and the latter provides trusted authentication services for accessing data.



## Decentralized Storage Network

DSNs aggregate storage provided by multiple independent storage providers and provide self-coordinated services for storing and retrieving data to customers. This coordination is decentralized and does not require trust: Through the coordination of the protocol and the verification operation performed by the individual participants, the system can obtain the security operation. DSNs can use different coordination strategies, including Byzantine protocol, gossip protocol or CRDTs, which depends on the needs of the system.

The DSN scheme( $\Pi$ ) must guarantee the integrity and recoverability of the data, and can tolerate the management and storage failures defined in the following sections.

## 2.6 Pyramid Overall Architecture

### 1. Fault Tolerance

#### Management Fault

We define management fault as Byzantine fault caused by participants in management protocol. A DSN solution relies on the fault tolerance of its underlying management protocol. Management fault assumptions with fault tolerance violation may affect system activity and security.

#### Storage Fault

We position storage fault as Byzantine fault, which prevents customers from retrieving data. For example, storage miners lost their data and retrieving miners stop their services.

### 2. Properties

We describe the two attributes that are necessary for the DSN scheme and then propose the other attributes required by the Pyramid DSN.

#### Data Integrity

This attribute requires that no limited opponent  $A$  can allow the customer to accept changed or forged data at the end of the Get operation.

#### Recoverability

This attribute satisfies the following requirements: Considering our fault-tolerant assumptions of  $\Pi$ , if some data has been successfully stored at  $\Pi$  and the storage provider continues to follow the protocol, the customer will eventually be able to retrieve the data.

### 3. Other Attributes

DSNs can provide other properties specific to their application. We defined three key attributes required for the Pyramid DSN: public verifiability, auditability, and incentive compatibility.

A complex network graph composed of numerous small blue dots connected by thin lines, forming a dense web-like structure.

# 3

## PYRAMID COIN

### 3.1 Pyramid Coin Distribution Scheme

### 3.2 PMD Production and Acquisition

### 3.3 PMD Significance

## **3 PYRAMID COIN**

Pyramid Coin (PMD) is generated for supporting the platform ecological construction, and is a decentralized peer-to-peer payment network built for facilitating a brand new payment system and a fully digitized currency based on the consensus mechanism. Pyramid Coin is controlled by the user, rather than central administration or intermediary. Pyramid Coin has the strong circulation attribute. It is run and implemented by the community teams in various countries and connected to more abundant application scenarios, to enable Pyramid Coin to have the true currency value and finish the substance substitution and circulation on the platform more, and realize the scenario application and landing of digitized currency really. Pyramid ecology is also provided with the mining mechanism, deal with the transaction by computational capability of cloud mill and acquire PMD as the reward at early phase, and conduct by Pyramid PC entity mill at the later phase. Pyramid ecology contains the wallet, and the users can pay, receive and store, and manage their Pyramid Coin by it.

### **Development Methods and Tools**

- a. Finish the payment structure (i.e. all required payment services and fees).
- b. Create the token contract to generate the required number of tokens. The token will be issued to the creator of the contract.
- c. Distribute the tokens to all stakeholders.
- d. Design and implement the Pyramid usage in the Ethereum blockchain.
- e. Build the interface between tokens and intelligent contract.
- f. Build the interface between tokens and API.

## 3.1

# Pyramid Coin Distribution Scheme

The project team inputs 800 Bitcoins for the system development and community running at early phase. The total circulation is planned to be 84,000,000 PMDs. The specific distribution scheme is as follows.

## 1. Generating from mining: 45%

45% of total circulation will be put into the market of the users by means of Pyramid PC mining mechanism, and 450,000,000 PMD conduct the token rewards by mining.

## 2. Project foundation reserve: 35%

35% of total circulation will be deemed as the foundation reserve, for the technological development, community running, business cooperation, publicity expenses of follow-up Pyramid ecological project, and the perfection of project ecology. The use of funds in this part needs the resolution of the foundation, and the publicity in advance.

## 3. Initial team: 12%

12% of total circulation will be used for introducing the early investors. The early investors will make contributions to the aspects of team construction and platform running.

## 4. Technological development: 8%

8% of total circulation will be awarded to the initial team and development team.

## 3.2

# PMD Production and Acquisition

PMD in circulation part is mainly acquired in the form of mining.

At early phase, it is distributed relying on ERC20 smart contract, and the user exchanges ETH for PMD in the form of coin currency trading. Then, after leasing the entity mill of excavating PMD by the acquired PMD, the user can voluntarily build the mine field to excavate PMD, or acquire PMD by the community mine field trusteeship center of global location. Joining in the mine field trusteeship center enables to simplify the flow and enables many persons incapable of using the computer to join in PMD. At the same time, the mine field trusteeship center also encourages the users to build the mine field by themselves. Multiple users combine together and build their own mine field. Generally speaking, the more the mills joining in the mine field trusteeship center are, the larger the computing power of mine field is. The mine field can master more PMD computing powers, accordingly get higher returns, and give more PMD returns to miners and mine owners joining in mine field trusteeship center.

In addition, the benefits of PMD gained by the users joining in mine field trusteeship center are more than 2 times those from mining, so that the early PMD supporters gain the maximum benefits. Through recommending and sharing the mode of PMD users joining in mine field trusteeship center or building the trusteeship mine field, the mill trusteeship benefits collected by the mine field will be distributed to the miners who make contributions to the mine field scale construction and mine field computing power center construction by means of management incentives.

450,000,000 PMD are expected to be exploited fully for 15 years. With more miners joining globally, PMD block computing power will be reduced every 3 months, to enable more players participating in PMD mining at early phase to gain more benefits. During this process, many loyal PMD fans will be accumulated, and more and more persons approve and support PMD. At the end of exploitation, PMD coin can only be purchased by the exchange.

## 3.3

# PMD Significance

## 1. Free payment

Pay and receive any amount of funds instantly whenever and wherever. No bank holidays, no national boundary, no imposed restrictions. Pyramid Coin allows the users to fully control their funds.

## 2. Very low expenses

At present, the Pyramid Coin payment processing does not collect the service charges or only collects very few service charges. The users can contain the service charges in the transaction to obtain the processing priority, and receive the transaction confirmation sent by the network more quickly. In addition, the merchant processor assists the merchant in processing the transaction, converting the Pyramid Coin into the legal tender every day, and directly depositing the funds in the bank account of the merchant. These services are based on Pyramid Coin, so they can provide the service charges far below the daily payment network.

## 3. Risk reduction

Pyramid Coin transaction is safe and irrevocable, and does not include the sensitive or personal information of customers. It avoids the losses of merchants due to fraud or fraudulent chargeback, and also is unnecessary to comply with PCI standard. In the places where the credit card fails to be used or the fraud rate is unacceptably high, the merchants can easily expand the new market. The final result is lower expenses, larger market, and less administrative costs.

## 4. Security and control

### 3.3

## PMD Significance

Pyramid Coin users control their own transactions fully. The merchants can not forcibly collect those possible expenses in other payment methods which should not be available or are not easy to find. While paying by Pyramid Coin, the personal information may not be bound in the transaction, which greatly prevents from identity theft. Pyramid Coin users can also protect their own funds by backups and encryption.

## 5. Transparency and neutrality

All information about the Pyramid Coin fund supply is stored in the blockchain, and anyone can inspect and use in real time. The individual or organization cannot control or handle Pyramid Coin protocol, because it is protected by password. Pyramid Coin core is believed to be fully neutral, transparent, and predictable.



4

**Team**

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## Steven Roussanov

Graduated from Columbia University

Owned near 20 years' internet and finance industry experience

Served as associated in Lehman Brothers, Inc. Equities Division, Electronic Equities Trading Group, Director in Groupon Tencent China, Customer Service (CS) Department, Quality Assurance(QA) Department Director in MultBank Exchange Group (formerly IKON FX Group)

Currently work as Asia-Pacific Market CEO in Britannica Invest Fund Management.



## Lyobomir Katzarov

B.S. Computer Science and Engineering of Eindhoven University of Technology

Blockchain Software Developer at HEADGATE TECHNOLOGY LTD, Senior Full-Stack Developer at DENTY Media LLC

Mastered in Blockchain Development, Electronics and Concurrent programming with C++,etc.



## LAZAR Georgiev

Owned Computer Science, Business Administration: Finance dual-Bachelor degree of American University in Bulgaria

Senior Back-end Developer of Centroida Inc.  
Blockchain Software Engineer of TS International (London, UK)

Skilled at Frontend&Backend technologies



## Denis Saidov

King's College of London (United Kingdom), BSc Computer Science with Management

Senior Blockchain Engineer in HEADGATE TECHNOLOGY LTD

Served as Senior Software Engineer in Broker's Broker LLC, Front-End Developer in Fiverr Inc.

Skilled at Blockchain and all kinds of computer language



## Iveta Palamarkova

Owned Computer Systems & Technologies Bachelor degree of

Technical University Varna

Served as Technical Assistant in Black Sea Press LTD, Media Relations Manager in "Inside BG" LTD  
Now work as Marketing Manager (Certified Google Partner) in "Inside BG" LTD

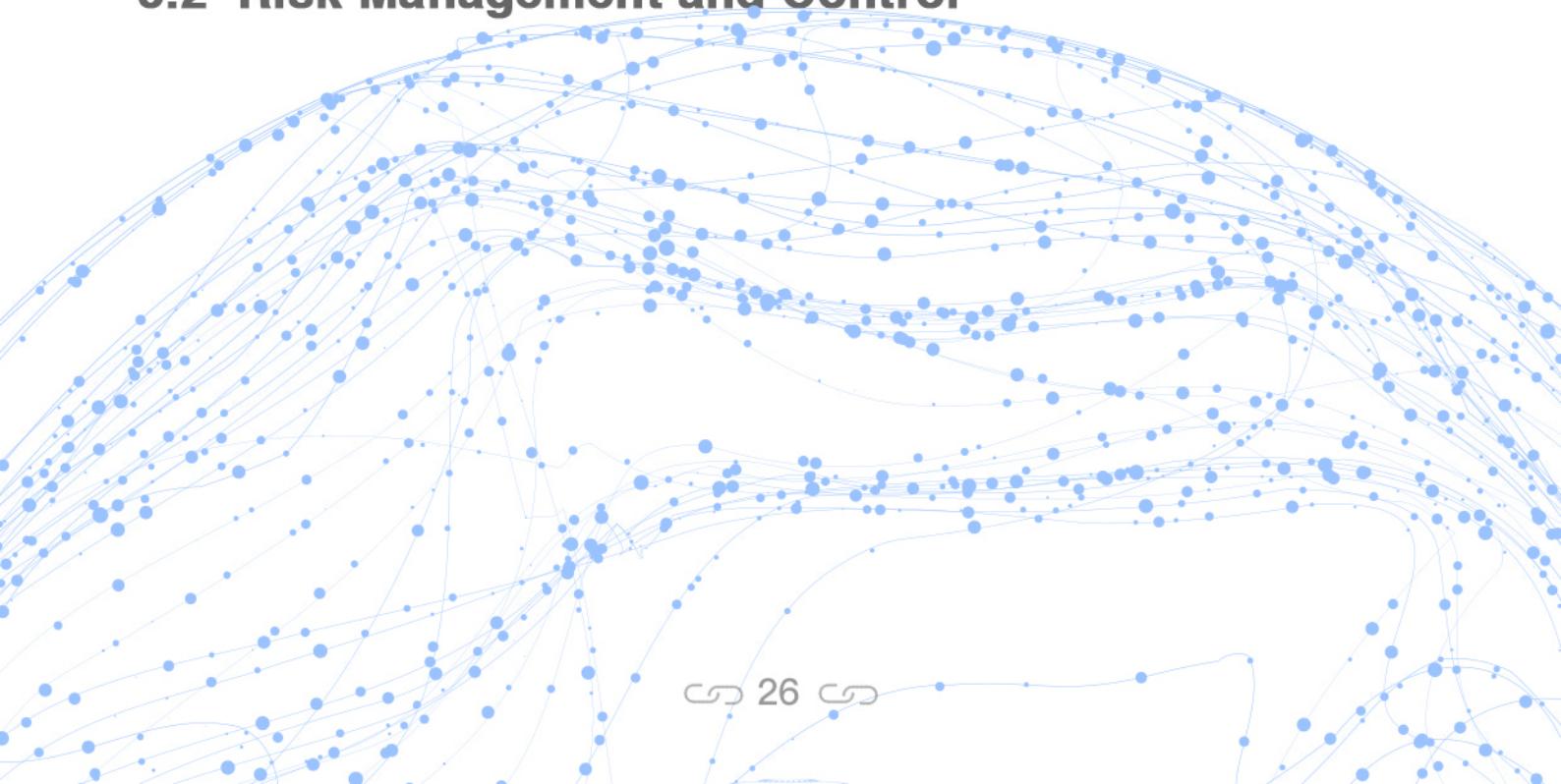


# 5

# **Governance Mechanism and Risk Management and Control**

## **5.1 Governance Mechanism**

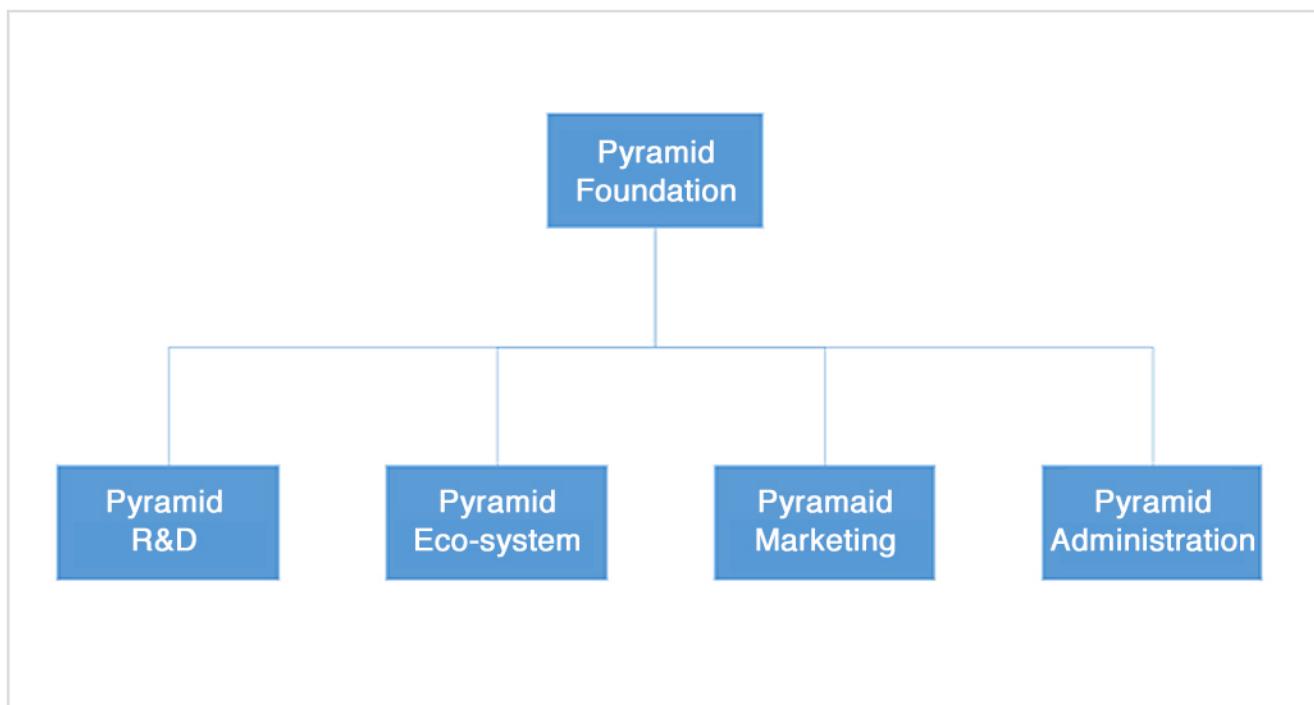
## **5.2 Risk Management and Control**



## 5.1

# Governance Mechanism

Singapore Jiahe Foundation (hereinafter referred to as “Foundation”) is committed to advocating and propelling the Pyramid ecological development and construction and governance transparency, and facilitating the security and harmonious development of open source ecological society. The Foundation will help to manage the sustainability of open source community project, management effectiveness, and fund-raising security by formulating good governance structure. The Foundation is composed of Ecological Center, Technological Development Center, Marketing Center, and Daily Management Center.



Pyramid Decision Committee is responsible for managing and deciding the major events, involving appointing or dismissing the executive director or the leaders of each center, and formulating the important decision. The members of Decision Committee serve for three years and can be reappointed. The Committee has a chairman who is voted by the members of Committee.

## 5.1 Governance Mechanism

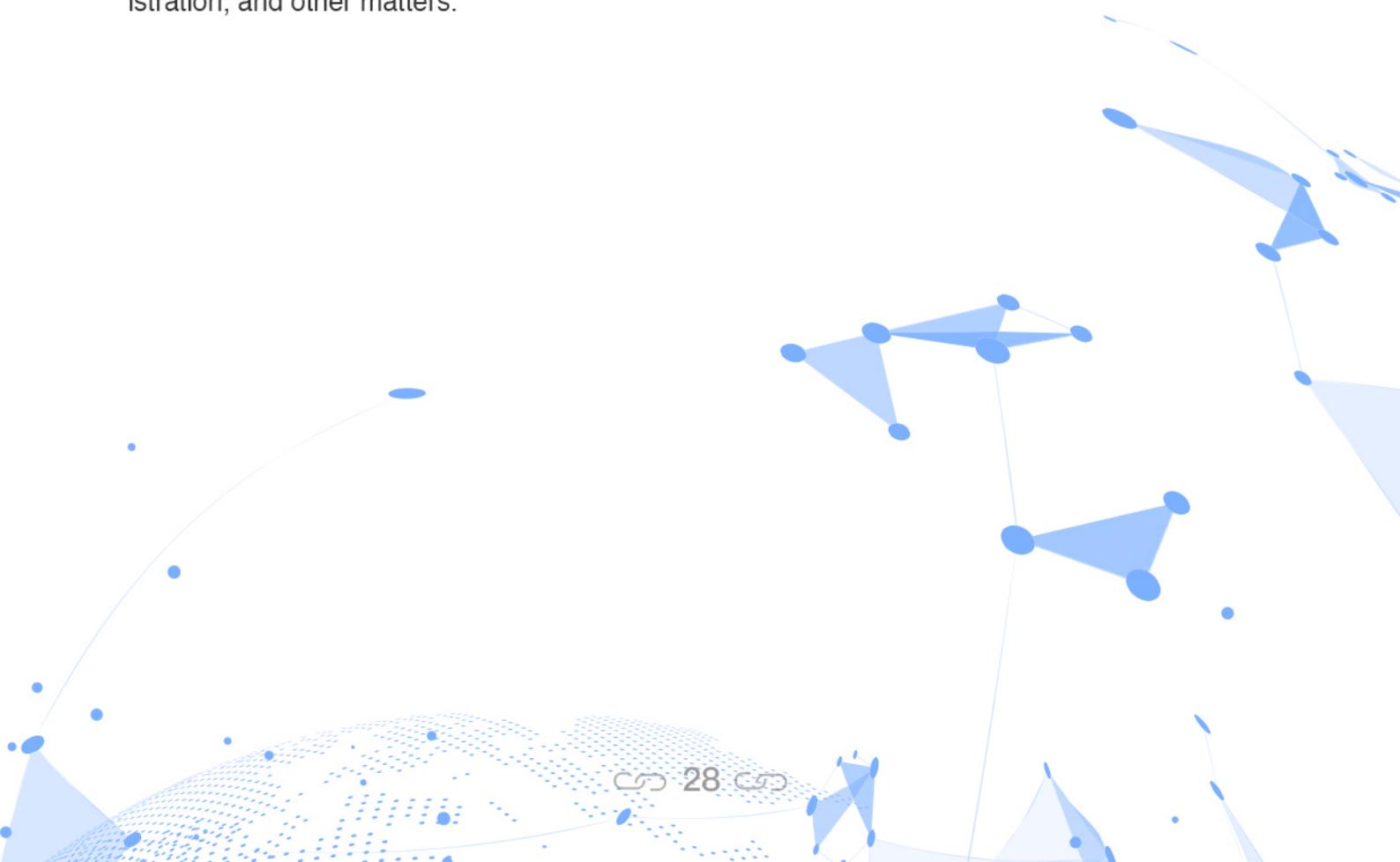
The members of the first Decision Committee is elected by Pyramid founding team and investors.

Technological Development Center is responsible for bottom layer technological development, test, going online, and auditing, etc. The members of Technological Center communicate with the Token holders in the community, and hold the technical seminar irregularly.

Ecological Construction Center is responsible for exploring the feasibility of Pyramid and landing industry application scenarios, and accordingly realizing the Pyramid business landing. The key exploration fields involve cross-border e-commerce, second-hand car transaction, supply chain finance, big data, and cross-border transaction, etc.

Marketing Center is responsible for popularization and publicity of technology, product, community, and open source project.

Daily Management Center is responsible for financial affairs, legal affairs, human affairs, administration, and other matters.



## 5.2

# Risk Management and Control

## 1. Transaction security

Pyramid ensures the user account and fund security by the blockchain consensus and tamper proof technologies and by security means of digital signature and end-user encrypted wallet, offers the financial level security service, integrates the data storage and network resources efficiently, integrates the data, application and transaction into the blockchain node, and builds the secure and stable network transaction environment.

## 2. Audit

Pyramid Foundation Autonomous Committee must maintain higher integrity and moral rules, abide by pertinent laws and regulations and industry self-discipline principles, and provide the transparent financial management. Pyramid Foundation will invite the internationally renowned third party audit institution to audit and evaluate the fund use, cost, and profit distribution of Pyramid Foundation every year, and disclose the evaluation results and audit results of these third party organizations.

