Version 1.0

AIG Coin

white paper

Unlocking the Future of
Smart Staking Mining

OVERVIEW

1.1 Background of the Project

A) Overview of Global Blockchain Technology Development

Since the release of the Bitcoin White Paper in 2008, blockchain technology has experienced nearly 16 years of rapid evolution and development. From the beginning as the underlying technology of Bitcoin, blockchain has gradually developed into a core technology widely used in the fields of financial technology, supply chain management, Internet of Things (IoT), decentralized finance (DeFi), non-identical tokens (NFT), and Web 3.0.

1. FinTech

In 2024, the use of blockchain in FinTech has moved beyond traditional banking and payment systems. The Decentralized Finance (DeFi) sector has surpassed $1 trillion in Total Volume Locked (TVL), making it an important addition to the traditional financial system.

2. Supply Chain Management

By 2024, more than 60% of the world's enterprises will use blockchain solutions for supply chain management to ensure product transparency and authenticity, especially in the food safety, pharmaceutical supply and luxury goods industries.

3. Internet of Things (IoT)

In 2024, more than 3 billion IoT devices worldwide will be connected via blockchain networks to ensure the trustworthiness and security of data. This combination of technologies is reshaping areas such as industrial manufacturing, smart cities and energy management.

4. Web 3.0 and NFT

By 2024, the NFT market is expected to exceed $50 billion in value, with more and more content creators, artists, and brands realizing the authentication and exchange of value of their digital assets through NFT.

B) The Rise of Decentralized Storage and Market Demand

With the explosive growth of global data volume, the traditional centralized storage method is facing many challenges, including high storage costs, data security issues, and the risk of single point of failure. Against this backdrop, decentralized storage technology has emerged. By distributing data storage across multiple nodes in a global network, data security, availability and audit resistance are significantly improved.

① Data redundancy and security: Through distributed storage and encryption mechanisms, user data is not subject to a single centralized entity, significantly improving security.

② Reduced Storage Costs: By fully utilizing the world's idle storage resources, decentralized storage reduces reliance on centralized servers, thereby reducing storage costs.

③ Anti-Censorship and Data Privacy Protection: As data is distributed across multiple nodes globally, it is difficult to be censored or tampered with, enhancing user data autonomy.

C) AIG Project Core Vision

AIG aims to build an efficient, secure, and sustainable ecosystem by combining decentralized storage and smart pledge mining technologies. the vision of AIG is to build a fair, transparent, and low-threshold decentralized platform that allows users to earn revenue by storing data, and at the same time supports smart pledge mining to obtain long-term sustainable returns.

AIG's core vision is to utilize blockchain technology to empower the global data storage industry, promote the landing of blockchain in more application scenarios through the continuous improvement of the smart pledge and mining mechanism, create higher value for users, and ultimately become the leader in the field of decentralized storage.

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1.2 Project Development Objectives

A) Organic Combination of Decentralized Storage and Smart Pledge Mining

With the explosive growth of global data storage demand, the traditional centralized storage method has gradually exposed its high cost, low security and single point of failure. Decentralized storage eliminates the drawbacks of centralized storage by distributing data across multiple nodes, greatly improving data security, redundancy and privacy. However, the popularization of decentralized storage still faces many technical and economic challenges, such as the reasonableness of the node incentive mechanism and the optimal utilization of storage resources.

The AIG project aims to build an adaptive ecosystem by combining decentralized storage with intelligent pledge mining. Under this framework, miners can provide storage services by pledging AIG tokens and verify their storage capacity and service quality through smart contracts. While increasing the motivation of network nodes, the token pledge and reward mechanism ensures the reliability and security of data storage.

B) Provide users with a safe, efficient and long-term investment return model

The AIG project pays special attention to the return on investment model for users. Through the combination of intelligent pledge mining and decentralized storage technology, the project ensures that users can obtain continuous and stable returns in the process of long-term participation. The project introduces an innovative token distribution and reward model to control the pace of token release and prevent over-selling in the market, while ensuring the scarcity and investment value of tokens.

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① Smart Pledge Mechanism: By pledging AIG tokens, users can participate in the decentralized storage ecosystem and at the same time receive corresponding returns based on the amount of the pledge and the quality of the storage service.

② Decreasing Mining Incentive Mechanism: The project adopts a decreasing mining incentive model, which reduces token production by 50% every 4 months to ensure a high return incentive for early-stage participants, and at the same time controls the circulation of tokens so as to provide a more sustainable return model for long-term investors.

③ Linear Release Mechanism: In order to prevent short-term market fluctuations, the project has introduced a linear release mechanism, whereby the rewards received by users through pledging will be released in installments over a period of time.

C) Promote the diversified and sustainable development of

The AIG project is not only a storage and mining platform, but is also committed to promoting the diversified and sustainable development of the entire blockchain ecosystem. Through the application of decentralized storage, the project optimizes the way of global data storage and management.

① Diversified application scenarios: Through cross-chain interoperability and a smart contract platform, AIG can provide innovative solutions for areas such as decentralized finance (DeFi), Internet of Things (IoT), privacy protection, etc., and promote the widespread application of blockchain technology.

② Sustainable ecosystem construction: The project introduces a dynamic pledge and buyback mechanism, which enhances the scarcity and value growth of tokens by adjusting the pledge requirements according to network demand and periodically buying back tokens to reduce circulation.

③ Community-driven governance model: A decentralized autonomous organization (DAO) is introduced to encourage community members to participate in the governance and decision-making process of the project. Through the community consensus mechanism, AIG can ensure the transparency and fairness of the project and further promote the diversified and sustainable development of the blockchain ecosystem.

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FRAMEWORK

2.1 Underlying Architecture

The AIG mainnet utilizes a high-performance public chain architecture designed to provide powerful computational support for a wide range of AI applications. The core of AIG's architecture lies in its efficient transaction processing capability and secure consensus mechanism, and AIG's main network uses a hybrid consensus mechanism of POS (Proof of Stake) and POA (Proof of Authority), which combines the advantages of decentralization and high performance.

The main network also adopts a modularized design, including a consensus layer, a network layer and an application layer, each of which operates independently but works closely together. This ensures system maintainability and scalability. The high-performance architecture of the main network can support the execution of a large number of concurrent transactions and smart contracts, providing a solid foundation for AI model training and inference.

1. POS Mechanism

The POS mechanism helps to reduce energy consumption and is more environmentally friendly and cost-effective than the traditional Proof of Work (PoW) mechanism, as the coin holders pledge their tokens to select the consensus verifier, which improves the security of the network and motivates the participants to actively maintain the stability of the network.
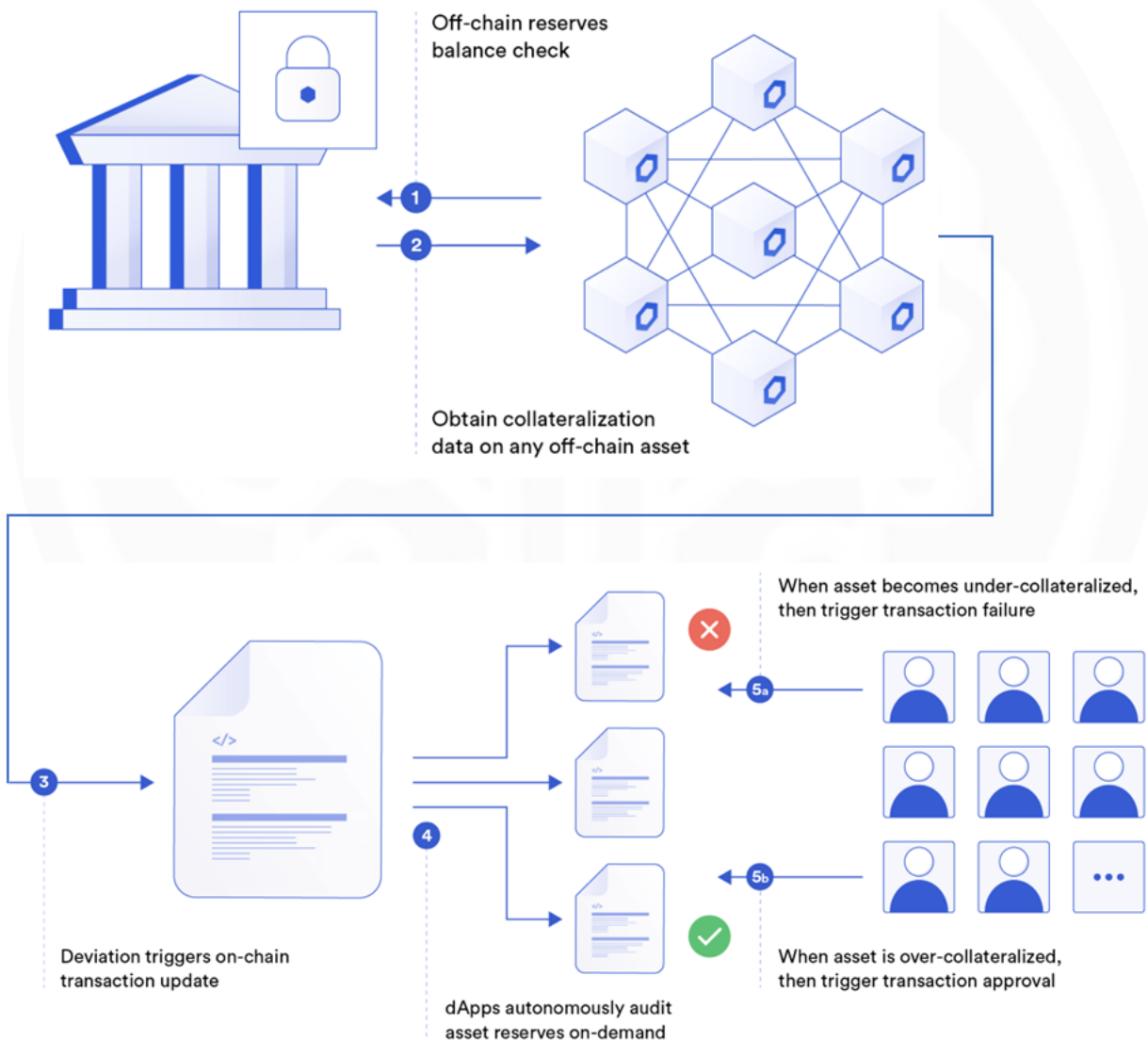
2. POA mechanism

Pre-selected verifier nodes (usually by trusted organizations or individuals) perform block verification, ensuring fast transaction confirmation and efficient system operation.POA mechanism provides high throughput while ensuring the trustworthiness and operational transparency of the verifier nodes.

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2.2 Decentralized Node Distribution

The AIG Network is a decentralized network of computing resources constructed through globally distributed arithmetic nodes. These nodes participate in the consensus mechanism and maintenance of the network by pledging AIG tokens. Each node has the opportunity to become a validator of a block and receive financial incentives in the network. The distributed architecture design significantly improves the fault tolerance and reliability of the system, avoids the risk of a single point of failure, and enhances the overall flexibility and stability of the network.

Off-chain reserves balance check

Obtain collateralization data on any off-chain asset

When asset becomes under-collateralized, then trigger transaction failure

Deviation triggers on-chain transaction update

dApps autonomously audit asset reserves on-demand

When asset is over-collateralized, then trigger transaction approval

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1. Node Enrollment

Authentication process: Candidate nodes are required to provide information about their identity and hardware configuration. This information is verified by the network to ensure that the node has sufficient computing power and a reliable operating environment.

Pledging process: By pledging AIG tokens, node participants demonstrate their long-term commitment and sense of responsibility. The pledged tokens serve as a certain degree of guarantee for the behavior of the node to ensure its compliance with the network rules.

2. Withdrawal

Withdrawal Request: After a node submits a withdrawal request, it is subject to a review and waiting period to ensure that it has fulfilled all of its duties and obligations before withdrawing.

Unpledging: The pledged AIG tokens will be unlocked and returned to the node after confirming that the node has not failed to fulfill its obligations. This process ensures that there is no potential risk to the network when the node exits.

B) Security and Privacy Protection

In order to protect the security of the network and users, the AIG network adopts multi-level security measures. First of all, the multiple signature mechanism ensures the security of transactions, and even if individual keys are disclosed, the transactions will not be threatened. Second, the network uses advanced encryption algorithms to protect the privacy and integrity of data transmission. The application of trusted hardware technology further enhances the security of nodes against physical attacks and data tampering. The transparent and non-tamperable nature of on-chain data allows all transactions and operations to be traced and verified, enhancing the trust of the system. Data encryption and privacy protection policies ensure the security and privacy of user data and prevent leakage and misuse of sensitive information.

① RSA Key Generation: The generate_rsa_keys function creates RSA key pairs for multi-signature, providing both public and private keys.

② Key serialization: The serialize_keys function converts the generated key to PEM format for secure storage and transmission.

③ Data encryption and decryption: the encrypt_data function encrypts plaintext data using a secure AES key, while the decrypt_data function decrypts it.

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2.3 Consensus Mechanism

A) Proof of Stake + Proof of Authority hybrid consensus mechanism
The AIG network adopts a hybrid consensus mechanism of POS (Proof of Stake) and POA (Proof of Authority) to balance decentralization and high performance.

Realization method:

- POS mechanism: Nodes participate in consensus by pledging AIG tokens. The number of pledged tokens determines the probability of a node being selected as a validator. Energy efficiency is improved by reducing the reliance on computing resources. The pledge mechanism incentivizes nodes to hold and maintain tokens and enhances network stability.
- POA mechanism: A group of pre-selected validator nodes are responsible for block validation, either by trusted organizations or by individuals. the POA mechanism improves transaction processing speed and network throughput through a fast consensus process. Strict vetting and periodic evaluation of the validators ensures the reliability of the nodes.

1. High Performance
POA mechanism realizes fast block verification and high transaction throughput. 2.

2. Decentralization
The POS mechanism prevents a small number of nodes from controlling the network through extensive node participation.

3. Security
The hybrid mechanism combines the economic security of POS and the efficiency of POA to improve the overall security of the network.

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B) Selection Criteria and Incentive Mechanisms for Consensus Nodes

Selection Criteria:

- Pledge requirement: Nodes must pledge a certain number of AIG tokens. The pledged tokens serve as financial guarantees and incentives for nodes to maintain the network in the long term.
- Identity verification: POA nodes are required to pass strict identity verification, including evaluation of technical capabilities and operational history, to ensure their credibility.
- Performance Evaluation: Periodic evaluation of the node's computing power, network latency, and stability to ensure that the node is capable of performing the agreed upon tasks.

Incentives:

- Block Rewards: Successfully validated nodes are rewarded with AIG tokens to incentivize nodes to participate in the consensus.
- Transaction Fee: Transaction processing fee is allocated to the authentication node to further incentivize the node to provide efficient services.
- Pledge Revenue: POS nodes receive additional revenue through pledges, including block rewards, transaction fees, and pledge interest, which increases the motivation of nodes to participate in and maintain the network.

```python
def __init__(self, node_id, staked_tokens):
    self.node_id = node_id
    self.staked_tokens = staked_tokens
    self.rewards = 0
    self.transaction_fees = 0
    self.staking_rewards = 0


def add_block_reward(self, amount):
    self.rewards += amount


def add_transaction_fee(self, fee):
    self.transaction_fees += fee
```

2.4 Privacy Protection Implementation

A) Data Encryption and Privacy Protection Measures

- Advanced encryption algorithms: Data transmission is encrypted using advanced encryption algorithms (e.g., AES-256) to ensure that data is not stolen or tampered with during transmission. A combination of symmetric and asymmetric encryption is used to ensure data integrity and confidentiality.
- Zero-Knowledge Proof: In order to protect user privacy, the AIG network integrates Zero-Knowledge Proof technology, which allows both parties to verify the validity of transactions without revealing transaction details.

B) Network Security Protection Strategy

AIG network has the ability to resist DDoS (Distributed Denial of Service) attacks. Through traffic analysis and dynamic adjustment of policies, DDoS attacks can be quickly identified and mitigated to ensure the continuous availability of the network.

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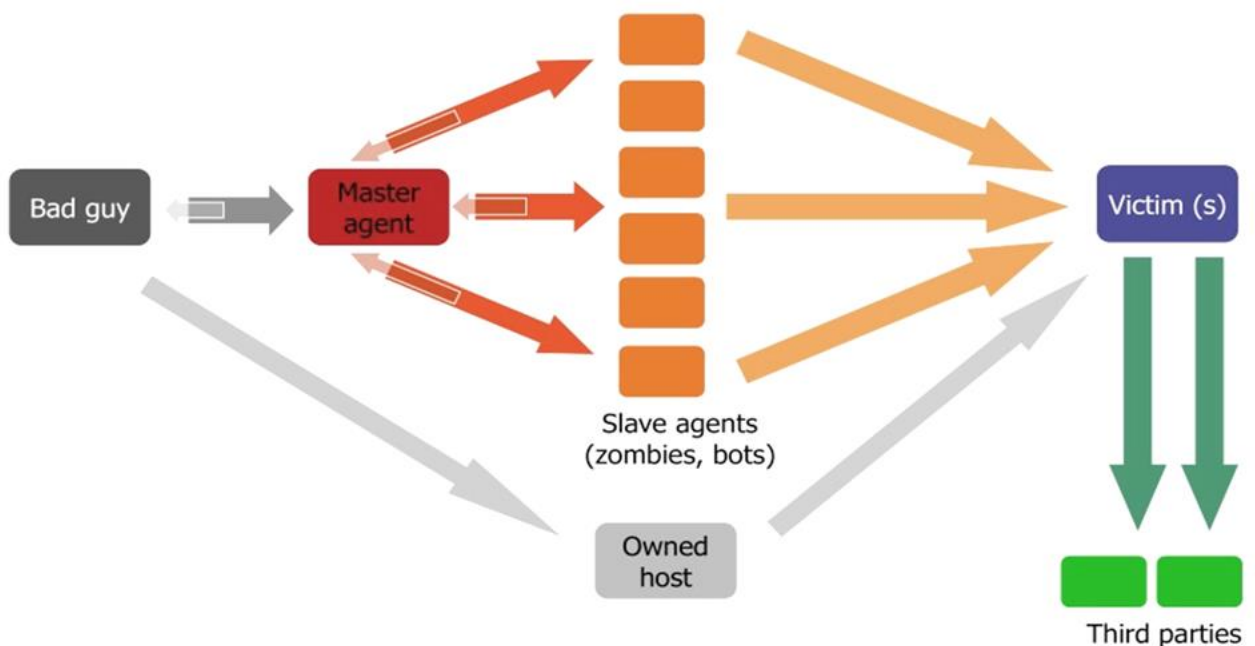
2.5 Contract Layer Technology

A) Programming Languages

The AIG system supports a variety of smart contract programming languages, including but not limited to Solidity and Vyper, providing developers with the flexibility to construct a variety of contracts according to different needs.

Programming Language	Features	Applicable Scenarios	Developer Friendliness	Security
Solidity	Mainstream contract language, syntax similar to JavaScript, powerful features	Complex smart contracts such as cloud computing, DeFi apps, gaming, enterprise solutions	High	High, but need to be written carefully
Vyper	Python-style language with a focus on security and simplicity.	Security-sensitive applications such as voting systems and identity verification	Middle	Very high. Safer by design.

B) Contract Deployment

The contract deployment process is simple and supports one-click deployment. Developers can easily upload and initialize their smart contracts.

① Code writing: Smart contracts are written in such as Solidity or Vyper.
② Local Testing: Fully test contracts in a local environment to ensure accuracy
③ One-Click Deployment: Upload contracts to the public chain using the one-click deployment feature of the development tool.
④ Auto-verification: System automatically verifies the security of contract code
⑤ Initialization: Contracts are automatically initialized after validation and are ready for use.
⑥ Interface Creation: Creates user interaction interfaces for the contract.
⑦ Ongoing Monitoring: Ongoing performance monitoring and necessary maintenance after contract deployment.

ECOLOGY

3.1 High-performance

A) Data Storage and Sharing

AIG platform provides highly secure distributed data storage services for enterprises and individuals, ensuring data integrity, privacy and traceability. Compared with traditional centralized storage, AIG's decentralized storage model eliminates the risk of a single point of failure and enhances data redundancy and availability by decentralizing data storage in multiple nodes.

Intelligent contract technology allows users to set access rights and authorize specific parties to share data, thus ensuring the transparency and security of data sharing. It provides a more flexible and secure solution for enterprise internal data management, and can significantly improve the efficiency of cross-organizational and cross-regional data sharing.

1. Data Tampering

Through blockchain technology, all stored and shared data are tamper-proof, ensuring data integrity.

2. Smart Contract Authorization

Users can set precise access rights through smart contracts to ensure that data is effectively protected during the sharing process.

B) Privacy Protection and Encrypted Storage

In industries such as healthcare and finance that require a high degree of privacy protection, data security and privacy are of paramount importance, and the AIG platform provides blockchain-based encrypted storage services to ensure that data is always encrypted during storage and transmission, and that only authorized users are able to access and view the data. Through this service, enterprises can ensure that their sensitive data (e.g. medical records, financial transaction information) will not be subject to unauthorized access, while the decentralized nature of the blockchain further strengthens the data's resistance to scrutiny and privacy protection.

1. Encrypted Storage

All data stored on the AIG platform is strongly encrypted to prevent theft or tampering during transmission or storage.

2. Privacy Enhancement

With decentralized storage, user data will not be concentrated in a single server, effectively avoiding the risk of data leakage.

C) Content Distribution and Copyright Management

AIG platform is widely used in the media and entertainment industry. For the storage and distribution of digital content such as music, video, images, etc., decentralized storage provides strong technical support for content creators and copyright holders, and the AIG platform can provide secure distributed storage services for such digital content, utilizing blockchain traceability technology to ensure that ownership and usage rights are clearly defined.

1. Copyright Protection

Blockchain ensures that the ownership records of all digital content exist forever and cannot be tampered with, avoiding copyright disputes.

2. Content Distribution Transparency

By setting distribution rules through smart contracts, creators can ensure the transparency of the content distribution process and realize automated revenue distribution.

3.2 Smart Pledge Mining

A) Depository Resource Pledge

Pledging of storage resources is an important part of the ecology of AIG platform. By pledging AIG tokens, users can provide decentralized storage services and receive corresponding mining rewards. This mechanism provides users with the opportunity to share idle storage resources, fully utilize the potential of their hardware facilities, and obtain additional revenue:

• Maximize resource utilization: The idle storage resources of pledge mechanism users can be efficiently utilized, increasing the distribution of data storage and reducing the risk of centralized storage.

• Storage security: Through the pledge of storage resources, the number of storage nodes on the AIG platform can be expanded, and the redundancy and security of the network can be significantly improved to protect data integrity and availability.

B) Cross-chain Support and Expansion

The AIG platform has strong cross-chain interoperability, which supports users to participate in decentralized applications of other blockchain projects by pledging tokens, or extend the storage function of the AIG platform to other public chain networks. This cross-chain support and ecological scalability enhances the interconnectivity of the AIG platform:
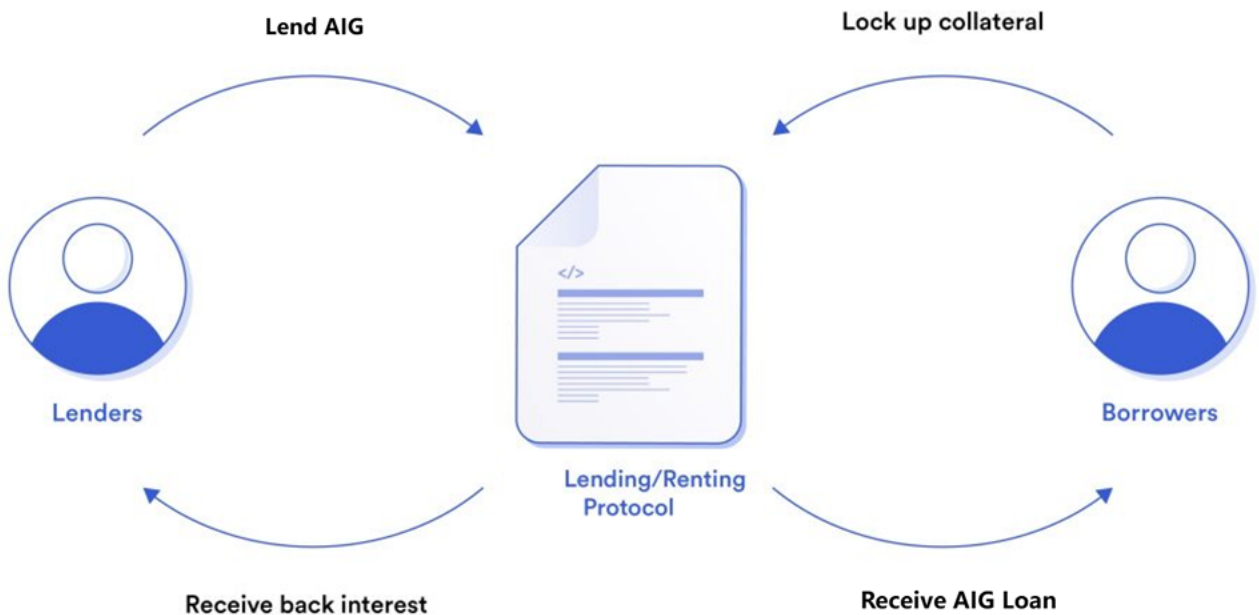
• Cross-chain asset support: By pledging AIG tokens, users can extend decentralized storage services to other blockchain networks, realizing resource interoperability between different blockchains and enhancing the extensiveness and flexibility of storage services.

• Cross-chain application scenarios: AIG's smart pledge function can be integrated with other blockchain projects. Users can pledge AIG tokens to participate in cross-chain projects with economic incentives, such as cross-chain data storage and cross-chain identity authentication services, to promote the synergistic development of cross-chain ecosystems.

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C) DeFi (Decentralized Finance) Integration

The AIG smart pledge mining function is also tightly integrated with the Decentralized Finance (DeFi) ecosystem to provide users with a rich selection of financial instruments. By integrating AIG tokens with DeFi applications, users can pledge tokens to participate in financial activities such as liquidity mining, borrowing, and synthesizing assets, which further enhances the liquidity and application value of tokens:

- Liquidity Mining: Users can pledge AIG tokens on the DeFi platform to obtain liquidity mining revenue. This mechanism can enhance the market liquidity of tokens and provide users with more stable passive income.
- Pledged Lending: By pledging AIG tokens, users can obtain lending services for crypto assets on a decentralized lending platform. Pledged AIG tokens serve as collateral, ensuring that users have flexible access to liquidity in the lending market.

Lend AIG

Lock up collateral

Lenders

Lending/Renting Protocol

Borrowers

Receive back interest

Receive AIG Loan

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3.3 Diversified Expansion

A) Internet of Things (IoT) and Edge Computing

As the number of IoT devices grows exponentially, the need for data security, storage, and processing becomes increasingly important, and the AIG platform provides a decentralized storage solution for IoT devices that ensures secure storage and distributed management of device-generated data. In traditional IoT architecture, data is usually stored in centralized servers, which has the risk of single point of failure and privacy leakage, AIG's decentralized storage architecture can effectively solve this problem by storing data in the network through distributed nodes to enhance data security, redundancy and anti-disclosure.

The AIG platform supports an edge computing scenario, which enhances the overall efficiency of the IoT ecosystem by distributing computing tasks across multiple nodes globally. Edge computing reduces reliance on centralized servers, shortens response time for data processing, and improves utilization of computing power. This framework is particularly suitable for high-frequency interaction scenarios such as industrial IoT, smart cities, and smart homes, ensuring real-time data processing and security.

1. Distributed Data Storage

AIG provides decentralized storage solutions for IoT devices to enhance data security and privacy protection.

2. Edge Computing Support

Through distributed computing at edge nodes, AIG can process data generated by IoT devices globally, improving processing efficiency and reducing latency.

B) NFT and Digital Asset Management

The rapid development of the non-identical token (NFT) market has brought new challenges to digital asset management, especially in terms of proof of ownership, copyright protection and transaction transparency, and the AIG platform can provide secure and transparent storage and transaction safeguards for NFTs through its decentralized storage solution. Proof of ownership, transaction records and copyright protection of NFT can be stored on AIG's blockchain network, ensuring data tampering and traceability.

The AIG platform supports the expansion of NFT in virtual assets such as digital art and game props, and also provides storage and management support for other emerging digital asset types (virtual real estate, digital collectibles). By combining with smart contracts, creators and users can easily define and verify the ownership of NFTs, while ensuring automated compliance and transparency in the transfer or transaction process.

1. NFT Data Security
AIG provides decentralized storage to ensure that NFT ownership proof and copyright protection data cannot be tampered with.

2. Multi-Domain Expansion
AIG supports digital art and gaming, while providing a secure and reliable storage and trading platform for virtual real estate and other virtual asset types.

3. Transaction Transparency and Traceability
Transparency and traceability of all NFT transactions is ensured through blockchain technology. Each transaction is permanently recorded on the chain, allowing users to easily verify the history of the transaction and the origin of the asset, ensuring the legitimacy of the asset and the fairness of the transaction.

4. Cross Platform Compatibility
AIG's decentralized storage solution supports interoperability with multiple NFT markets and platforms. Whether on different blockchain networks or on multiple NFT trading platforms, AIG provides consistent storage and security, enabling cross-platform asset management and liquidity.

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C) Data Market and Data Exchange Platform

The AIG ecosystem can be developed into a decentralized data market in the future, allowing users to exchange data securely and transparently on the platform. As an important digital asset, data is in high demand in many industries, but data privacy and security issues are becoming more and more prominent.

In this data market, enterprises and individuals can trade their stored or generated data through the AIG platform, and buyers can verify the authenticity, integrity and source of the data through smart contracts. The data exchange platform can promote the effective circulation of big data, and at the same time support the realization of automatic settlement through smart contracts to ensure the transparency and efficiency of transactions. At the same time, AIG tokens will be used as a transaction settlement tool in the data market, further increasing the liquidity and value of the tokens.

1. Data Authenticity and Traceability

The AIG platform utilizes smart contracts to ensure the authenticity of data and the transparency of its source, enhancing the trust mechanism of the data market.

2. Decentralized Transaction Platform

By using AIG tokens as a transaction settlement tool, data transactions can realize automated, trustless and efficient settlement, ensuring the security and efficiency of data circulation.

3. Privacy protection and data security

AIG platform ensures the privacy protection and security of user data in the transaction process through encryption technology and decentralized storage mechanism. Unauthorized third parties cannot access or tamper with the data, ensuring the confidentiality and integrity of the data throughout the transaction life cycle.

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TOKEN ECONOMY

4.1 Token Distribution

AIG Total Supply: 2,000,000,000

1. Smart mining (55%)
Used to incentivize pledge mining and resource contribution, safeguarding decentralized development as mining activities are gradually released.
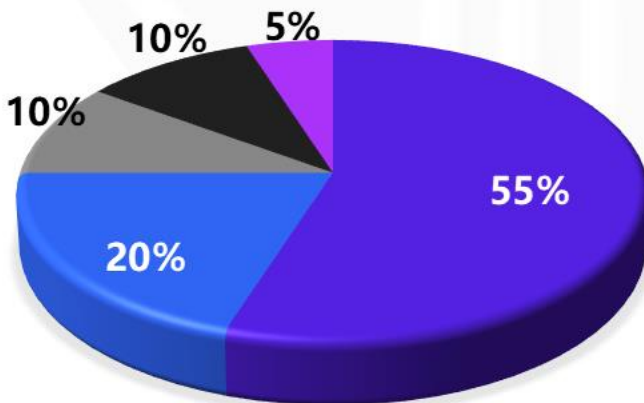
2. Eco-Incentive Program (20%)
For developer incentives, technology innovation rewards and community project support to promote diversified applications and innovation on the platform.

3. Community and marketing (10%)
For marketing, partner promotion and community incentives to expand user base and increase market penetration.

4. Infrastructure maintenance (10%)
Dedicated to technical upgrades, network expansion and server maintenance to ensure long-term stable operation of the platform.

5. Team and early investors (5%)
Reward the team and early supporters by adopting a linear unlocking mechanism to guarantee the long-term development and sound advancement of the project.

10% 10% 5%
20% 55%

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4.2 Token Issuance and Circulation

The design of AIG's token issuance and circulation is centered on ensuring a stable supply of tokens and their market value, and combines a linear unlocking and orderly release mechanism to prevent dramatic market fluctuations.

A) Initial Token Distribution Program

At the initial issuance stage of the tokens, each portion of the tokens will be distributed in accordance with the distribution ratio described above. The smart mining, ecological incentive and community promotion portions will be gradually unlocked at different stages after the launch of the project, while the team and investor portions of the tokens will be unlocked in a slower manner to ensure the long-term development of the project.

B) Linear unlocking and release mechanism

In order to avoid fluctuations in token prices due to large short-term sell-offs, AIG has adopted a linear unlocking mechanism, whereby tokens will be released gradually according to a set timetable. In particular, for the team, investor and ecological incentives, the unlocking cycle is set to release tokens in batches on a monthly basis to ensure the stability of the market and the continued operation of the project.

C) Annual Token Circulation Program

AIG will adjust the circulation plan annually based on the actual release of tokens and market demand. By controlling the amount of new tokens in circulation each year, AIG ensures a reasonable supply of tokens, prevents inflation, and creates value for long-term holders.

4.3 Mining Incentive Model

A) Pledge Mining Output and Distribution Strategy

Users can get mining rewards by pledging AIG tokens. The amount of pledged tokens, the contribution of stored resources, and the length of the pledge will determine the mining output of users. Through this flexible pledge mechanism, the AIG platform encourages long-term participation and provides higher rewards for users who contribute more resources.

B) 50% Production Reduction Mechanism Every 4 Months

In order to control the total volume and output of tokens, AIG has introduced a 50% production reduction mechanism every four months. Through regular production reduction, the supply of tokens is gradually reduced, thus increasing the scarcity and market value of tokens. Bitcoin is similar in that it aims to increase the attractiveness of holding tokens in the long term through deflationary effects.

C) Long-term Incentive Mechanism (Pledge Incentive)

In addition to periodic reductions, AIG has introduced a long-term pledge incentive mechanism. The longer a user pledges on the platform, the higher the percentage of incentives he or she receives. This mechanism encourages users to hold tokens for a long period of time and at the same time enhances the liquidity management of the Platform, which helps stabilize the market price of tokens.
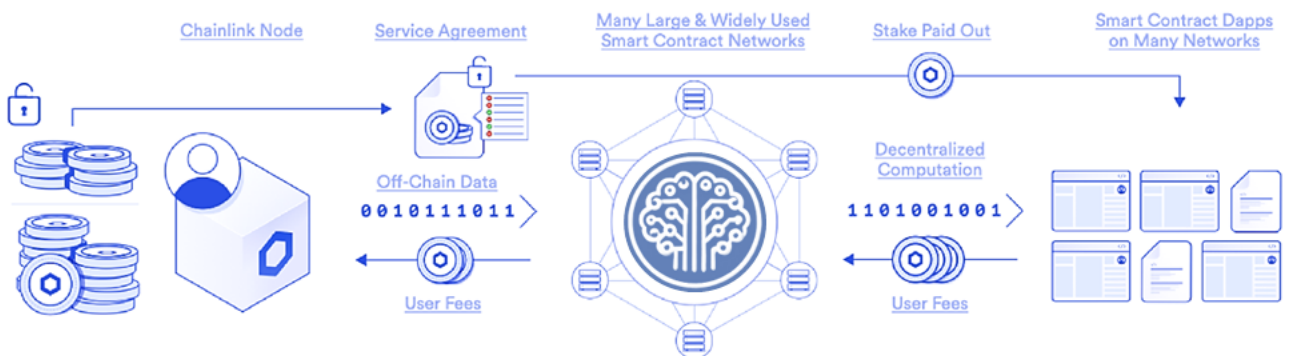
TECHNICAL MEMBERS

Jeremy Richardson

Jeremy holds a Master's degree in Computer Science from Columbia University. He has over 8 years of experience in big data analytics and machine learning, specializing in complex data sets. Prior to joining the project development team, he worked as a Senior Data Scientist at Salesforce.

Patrick O'Donnell

Patrick is an accomplished software engineer with a degree in Computer Engineering from the University of Pennsylvania. He has an in-depth understanding of microservices and containerization technologies, and has worked with Docker to provide container solutions for enterprises.

Oliver Peterson

A graduate of Stanford University, Oliver is a veteran full-stack developer specializing in creating high-performance applications using React and Node.js. He previously worked at Netflix, where he was involved in the design and implementation of several front-end projects.

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Nathan Matthews

Nathan has 20 years of hands-on experience in the cybersecurity field. He holds a Ph.D. from the Massachusetts Institute of Technology and previously worked at Palo Alto Networks, where he focused on the development of firewalls and intrusion detection systems.

Frank Douglas

Frank is a data researcher with a PhD in Artificial Intelligence from the University of Chicago. He has done excellent research in both natural language processing and machine vision, and has worked at Nvidia, where he drove a number of deep learning projects.

Samuel Wright

Samuel is a veteran database administrator with deep technical experience in MySQL and PostgreSQL. He received his degree from the University of Florida and has worked on Uber's data team, managing large-scale data infrastructures.

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