

AIA Chain: POS, AI, and Financial Payments

Summary

AIA Chain is a distributed, decentralized blockchain program that has the potential to revolutionize the design of blockchain systems, the construction of applications, and the operation of the blockchain network itself.

Although blockchain technology is inherently complex, the ultimate goal of every application is extremely simple: to allow developers and entrepreneurs to easily and sustainably build applications, protect user property and identity privacy, and continuously enhance the performance and usability of the chain, making it accessible to more consumers.

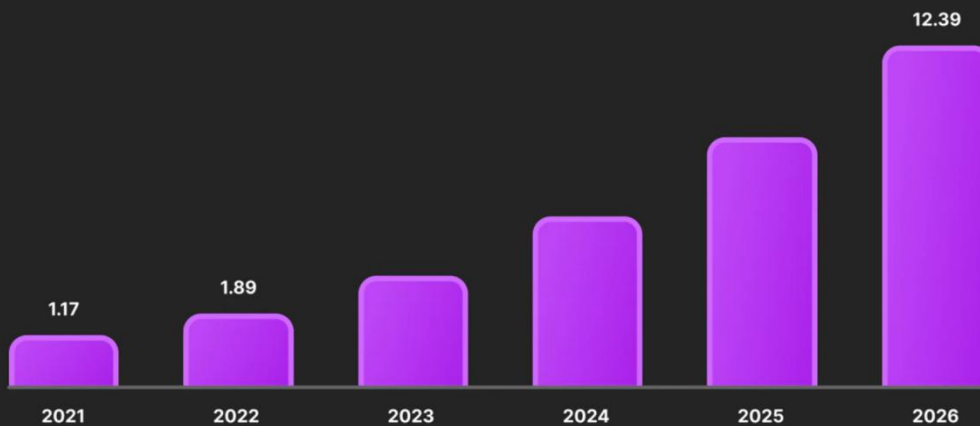
To achieve this, AIA Chain is built from the ground up to provide an intuitive experience for end-users, handling millions of transactions daily, and offering new and sustainable business models for developers' applications. In doing so, AIA Chain has created a uniquely powerful community, expanded the reach of decentralized finance, and fueled the future of blockchain networks.

Introduction

As a fully decentralized, secure, and direct method for trading and exchanging information, blockchain technology seamlessly integrates into the global financial system. The invention and adoption of blockchain were driven by the numerous flaws inherent in the existing financial systems.

Global Blockchain in banking and financial services market

Forecast market size, 2021-2026, billion



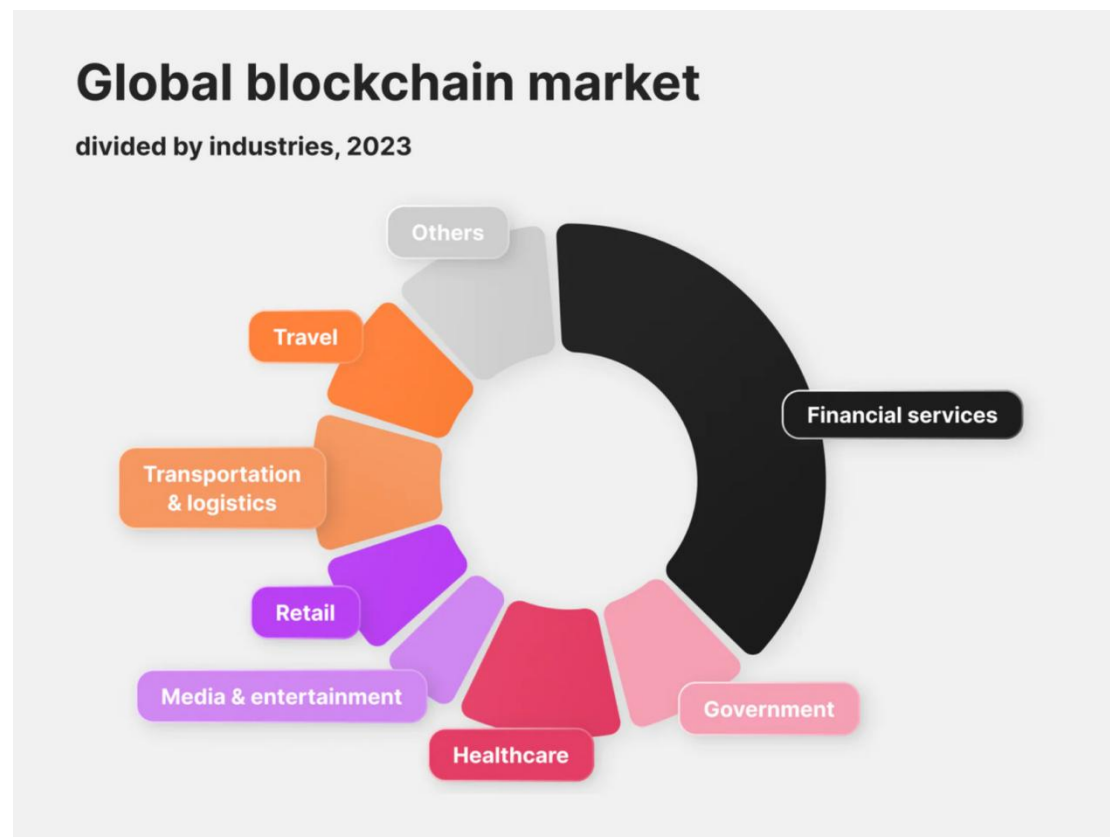
Before the advent of blockchain, the global financial ecosystem was burdened by overwhelming bureaucracy, a lack of privacy protections, and, in some cases, exorbitant costs. International transactions were the greatest victims of this complex financial system. Without blockchain, a simple international payment would take at least five working days to complete all reviews and obtain confirmations.

Such simple remittances would incur substantial fees, and some financial entities would monitor and analyze your transactions, making privacy and anonymity impossible. This simplified example highlights how troublesome the global financial system had become in the 21st century. Financial companies around the world had to navigate this intricate ecosystem to operate internationally, leading to unnecessarily complex financial practices.

The burden on global traders, investors, and businesses due to these complexities became increasingly heavy, driving the momentum for blockchain technology and cryptocurrencies in the late 2010s. Blockchain's innovative approach has fundamentally restructured financial operations and their execution.

The distributed ledger technology of blockchain, its decentralized nature, low fees, and cryptographic security have completely transformed the status quo. Complex fiat currency transactions are no longer the sole option for global clients. Blockchain offers a viable and profitable alternative that benefits all parties involved. As previously mentioned, the main issues in the financial sector—slow transactions,

high fees, lack of transparency, and privacy—are addressed by blockchain's capabilities, even adding new functionalities.



Despite the fact that blockchain solutions are almost tailor-made for existing financial shortcomings, the technology has not achieved significant popularity. Various factors contribute to this. Transitioning from well-established systems to new ones is challenging, time-consuming, and costly.

Additionally, the cryptocurrency sector has faced setbacks and controversies related to fraud, digital crime, and other questionable activities. While this is not directly related to the underlying technology, the notorious reputation of cryptocurrencies has negatively impacted the entire blockchain industry. Despite skepticism from many companies regarding the implementation of blockchain technology in their IT infrastructure, it is hard to deny that blockchain was indeed created for financial purposes. Its features and utility perfectly complement both local and global financial processes.

With core characteristics like decentralized and tamper-proof information, the AIA public chain injects considerable innovative power into various traditional sectors. The outdated financial operation systems and management practices have shown new

vitality and dynamism under the innovation of digital currencies. Nowadays, an increasing number of ambitious individuals are focusing their development and research efforts on the cryptocurrency payment sector. The AIA public chain aims to leverage a more scientific and refined blockchain payment mechanism to establish a global decentralized financial payment aggregation platform, bridging the gap between Web3 and traditional finance. With its high performance, the AIA public chain is committed to creating a one-stop blockchain payment system and cryptocurrency payment channels, providing digital currency payment solutions for the traditional financial industry.

Even traditional financial institutions can benefit greatly from this technology, reducing costs, resources, and time to achieve the same results. Many financial institutions have already started implementing blockchain practices, and today, the blockchain market is dominated by participants from the financial industry. The AIA public chain was born in this context.

Why Decentralization Matters

On the surface, many design goals of a blockchain-based decentralized platform could be achieved faster and cheaper using existing centralized platforms. For instance, the cost of storing data or executing computations on the Ethereum blockchain can be thousands to millions of times higher than performing the same functions on Amazon Web Services. Thus, decentralization allows developers to build applications on distributed platforms at a fraction of the cost compared to centralized ones, due to the inherent redundancy in processes and storage.

So why is paying the additional cost to support decentralization important? Not all data is the same. Certain value elements, such as digital currency ownership, personal identity, or asset ownership, are highly sensitive.

In a centralized system, the following actors can directly alter the value of any balance they access:

1. Developers who control the release or update of application code.
2. Platforms that store data.

3. Servers running the application code.

Even without intentional malicious actions, government authorities, law enforcement, and hackers can easily oppose users, censor, modify, or steal balances that should be protected. A typical user interacts with centralized applications for daily data and computations, which, despite potential vulnerabilities, are trusted to maintain the balance of the most sensitive information—wealth and identity. However, these entities are also susceptible to human arrogance, corruption, and theft.

In contrast, decentralized systems lack a "shut-off" switch and cannot be easily forced to comply with the will of any actor imposing their control on applications built on top of them. To achieve this, these systems require substantial redundancy in computation and data storage, as any fault point in these areas can be exploited. The more sensitive the stored information, the greater the need for redundancy and security, making decentralization increasingly crucial.

Blockchain-based systems form the foundation of this decentralization, as their variability, for instance, provides the necessary raw incentives to encourage cooperation and coordination among the digital actors that make up these systems and support their redundancy. Once these systems are launched, they essentially become "indelible." The benefits of building applications on such systems are immense. Highly sensitive information is globally secure and accessible, and these decentralized applications operate on infrastructures more complex than today's networks. They can access an instant and global pool of currency, value, and information, which centralized data storage cannot provide. Importantly, the data in these applications is securely owned and controlled by the end-users, not the applications themselves, opening up numerous new use cases that would be impossible without decentralized infrastructure.

While decentralization is crucial, not all blockchain-based systems are decentralized. Decentralization is a spectrum that can be measured along multiple dimensions, but fundamentally, it comes down to how many players need to be compromised to disrupt the system itself and how likely this is to occur. The more critical the asset the system must protect, the higher the level of decentralization required. True decentralization must be achieved, not just claimed.

Introduction to AIA Chain

AIA Chain is an emerging payment-focused public blockchain compatible with the Ethereum Virtual Machine (EVM). It aims to optimize transaction speed and reduce costs while maintaining high levels of security and scalability. Through its native token, AIA, and the APoS consensus mechanism, AIA Chain supports smart contracts and cross-chain interactions, striving to build a decentralized digital economic ecosystem. The platform's primary goal is to drive widespread adoption of blockchain technology by providing efficient technical solutions that support businesses and developers globally in launching innovative blockchain applications.

AIA Chain operates as a decentralized application platform running the AIA Chain protocol blockchain. This blockchain, organized with nodes across numerous countries and regions, forms a permissionless, high-performance, and secure protocol layer, creating a robust and decentralized data layer for the Web3 world. Essentially, AIA Chain is a platform for running applications that can access user-owned funds, identity, and shared secure data pools. It integrates features of partition-resistant networks, serverless computing, and distributed storage, making it a new type of platform.

In contrast, Amazon Web Services and Microsoft Azure currently operate vast network infrastructures and are among the most common "clouds" for deploying applications. Each server within these computing and storage clouds is controlled by a single entity. This means that anything running or stored on these servers is entirely at the mercy of the company or government agencies that control them, making data susceptible to loss, censorship, modification, sale, or hacking due to a single point of failure.

Applications deployed on these cloud servers can also be continuously modified by their developers or anyone holding their certificates. This is easily done through software updates but means that any data accessed by these applications can be reviewed, modified, or stolen by developers, whether maliciously or through external attacks or government coercion. Since user data is typically stored in large pooled databases, these developers become significant targets for such activities. The vulnerabilities of developers and the platforms themselves make any sensitive data stored on these platforms highly susceptible.

When applications are hosted on a cloud operated by a global community where anyone can participate, the programs and assets

stored become transparent and effectively "indelible." This allows users to store valuable items such as money, identity, and digital assets securely and transact safely with anyone without needing permission from others or the platform. There is no single point of failure due to multiple redundancies worldwide, and security is ensured as community members reach consensus through programming.

To eliminate developer vulnerabilities, applications deployed on this cloud can be programmatically locked, preventing further updates from modifying their accessed states. Essentially, once they reach this state, they become autonomous, bound to continue executing their functions without failure or interference, ensuring the secure storage of high-value assets like currency and identity.

Bitcoin can be seen as the first and very basic version of this globally community-operated cloud, mainly used for storing and transferring Bitcoin digital currency. Ethereum represents a more complex second version, extending Bitcoin's basic principles to create a more general-purpose computing and storage platform, though this technology has yet to achieve significant mainstream adoption.

AIA Chain represents a leap forward, addressing three critical challenges for mainstream adoption: usability, scalability, and security. As an EVM-compatible programmable smart contract blockchain, AIA Chain enhances blockchain network execution speed, reduces transaction fees, and improves security. It supports the growth of its ecosystem through the development of DApps in areas such as RWA, Web3 social, GameFi, and financial payments. The core token of AIA Chain is AIA, utilizing the popular Proof of Stake mechanism: the APoS consensus mechanism. AIA Chain will continue to enhance the efficiency of the public chain through Layer 2 network technology, significantly complementing and expanding its ecosystem.

Why the World Needs AIA Chain

Blockchain technology has made significant strides, with Bitcoin, the pioneering blockchain launched in 2008, boasting a network value exceeding \$300 billion. Ethereum, introduced in 2014 as a "global computer," hosts thousands of innovative applications ranging from gaming to decentralized finance. Unfortunately, neither the original networks nor subsequent ones have managed to bridge the gap

needed to support the expansion of the entire Web3 industry on a mainstream scale.

This issue results from two key factors:

1.System Design

2.Organizational Design

System Design: Other platforms' technical architectures create substantial issues in usability and scalability, making adoption nearly impossible except for most technical innovators. Users often experience a 97-99% drop-off rate with applications, and developers find creating and maintaining applications to be a frustrating process. Addressing these issues requires significant and complex changes to current protocol architectures, which existing organizations cannot achieve. Instead, they have accumulated a backlog of specification designs and implementations over years, resulting in increasingly outdated technology.

AIA Chain is designed specifically to address these issues through its platform and organizational structure. The technology design focuses intensely on creating the world's most usable and scalable product, a decentralized platform that enables global-scale applications to achieve real adoption. The organizational and governance structure is designed to rapidly release and continuously evolve the protocol, ensuring it never becomes obsolete.

Key Features

1.Usability First

New blockchain platforms often claim scalability improvements over existing platforms. However, scalability is irrelevant unless the platform has enough adoption to require throughput. Analogously, building a massive stadium in the middle of a desert is pointless if no one wants to go there. Therefore, the most pressing issue is how to allow developers to easily create useful applications that users can actually use, capturing sustainable value for these developers.

2.End-User Usability

Developers will only build applications that their end-users can realistically use. AIA Chain's technical model enables developers to create experiences for users by lowering the barrier to use, simplifying the learning curve of "blockchain" concepts, and reducing the number of interactions required for users to use applications, thereby creating a positive network experience.

3.Developer Usability

Many key usability improvements support developers on the platform, allowing them to learn, develop, test, and deploy applications more easily than on any other platform.

4.Scalability Second

A protocol that can prove future scalability must split both state and processing to scale. Importantly, no single node in the network should be able to store all information or validate all transactions on the chain.

5.Efficient Development and Evolution

A critical challenge for existing and new platforms is how they handle development and evolution. While the platform itself must be decentralized, various methods can achieve updates and development. Existing protocols have proven insufficiently iterative to keep pace with innovation. Successful next-generation protocols must ensure that the network remains decentralized while allowing an effective development process to prevent obsolescence from subsequent technologies. AIA Chain's initial development was undertaken by one of the world's most powerful teams of engineers, entrepreneurs, and technologists, with governance designed to ensure the protocol develops under ongoing community oversight but with enough efficiency to remain competitive and relevant long after launch. This ensures that the platform avoids the "launch failure" issues that plague half of the industry and the "post-launch failure improvement" problems that hinder the other half.

6.True Decentralization

While Bitcoin and Ethereum are often praised for their decentralization levels, they suffer from many centralization issues. For example, Bitcoin's mining capacity is controlled by three mining pools accounting for 53% of the total. Additionally, running mining nodes requires expensive hardware, increasing the entry barrier and

reducing incentives for small participants. Newer networks often trade decentralization hopes for the operational efficiency provided by limited validator sets, violating one of the fundamental principles of a truly decentralized network: its value is protected by the redundancy level among its independent nodes. To maintain true decentralization, the network must allow permissioned participation by anticipated operators rather than encouraging speculation. AIA Chain addresses these issues with a Proof of Stake mechanism specifically designed for determinism and broad fairness, preventing the pooling of large validators and encouraging widespread node participation. In systems like AIA Chain, the more nodes, the larger the scale.

7.New Business Models for Developers and Entrepreneurs

Early use cases of blockchains like Ethereum allowed projects to create their own tokens and raise funds through Initial Coin Offerings (ICOs). While this seemed revolutionary at first, it brought significant usability obstacles, especially for developers facing user skepticism and fraud. AIA Chain offers more robust, legal ways for developers, entrepreneurs, institutions, and individual participants to monetize infrastructure. When a node starts operating, part of the network fees generated will automatically be allocated to that account based on block rewards, which cannot be withdrawn by developers. This incentivizes early infrastructure and individual user development, creating network effects that increase usage, and providing a business model where application and infrastructure developers can benefit from their creations without needing to create their own tokens.

How AIA Chain Works

AIA Chain offers a community-operated cloud infrastructure designed for deploying and running decentralized applications. It combines the characteristics of decentralized databases with features of serverless computing platforms. Applications running on this platform can also create their own tokens and interact in novel ways. These capabilities allow developers to build applications that handle high-storage data, such as money, identity, and assets, with reduced backend scrutiny and seamless integration with other components. The backend and components of these applications are referred to as "smart contracts."

The infrastructure of this protocol is created by a limited number of "nodes" operated by individuals and organizations around the world.

Developers write smart contracts and deploy them to this protocol, similar to how they would deploy applications to a single server in existing centralized clouds. Once a developer deploys an application, referred to as a "smart contract," and marks it as immutable, the application continues to exist and run on AIA Chain's blockchain.

In centralized protocols, decisions are made unilaterally by the controlling company. AIA Chain's community-operated protocol is decentralized, so updates must ultimately be accepted by a sufficient number of network participants. Future updates are generated by the community and are subject to an inclusive governance process that balances efficiency and security. To ensure that node operators—who may be anonymous and potentially running code in good faith—are held accountable, they participate in a process known as "Proof of Stake." In this process, they are willing to risk a portion of their value, which can be forfeited if their actions are proven to be improper.

Elements of AIA Chain

AIA Chain's platform comprises several independent elements, some of which are native to the platform, while others are used with or built on top of the platform.

AIA Chain Token

The AIA Chain token is the fundamental native asset of the ecosystem. Each token is a unique digital asset with the following functions:

1.Transaction and Data Storage: Used for processing transactions and storing data within the system.

2.Running Validation Nodes: Participating in staking processes to run validation nodes as part of the network.

3.Governance Participation: Assisting in determining how network resources are allocated and guiding the future technical direction of the network.

These functionalities enable economic coordination among all participants and facilitate new behaviors between applications at the network's top layer.

3. Other Digital Assets

The platform is designed to accommodate unique digital assets, which may include but are not limited to:

1.Other Tokens: Tokens that are linked to other blockchains ("cross-chain") or created on this platform can be easily stored and transferred. This allows for a variety of tokens to be used for purchasing goods and services on the platform.

2.Stablecoin Assets: Tokens intended to match the price of another asset, such as the US dollar, which are particularly useful for transactions on this network.

3.Unique Indirect Assets: Similar to tokens, indirect assets (sometimes referred to as "non-fungible tokens" or NFTs) represent various forms of ownership, from in-game items to real-world assets. These can be stored and transferred using the platform.

AIA Chain Platform

The core platform of AIA Chain consists of a community-operated node protocol, forming the fundamental infrastructure provided. Developers can deploy smart contracts to this protocol without permission, and users can access the applications they support without requiring permission. These applications can securely store their states (data) on the platform, ranging from consumer-facing games to digital currencies. This is conceptually similar to the Ethereum platform.

For operations on the platform that require computation, network usage, or storage, gas fees are paid to the platform and then allocated to its validation node community. These operations may include creating new accounts, deploying new contracts, executing code through contracts, and storing or modifying data through contracts. The platform does not interfere with protocol access. Any independent developer can write software that interfaces with it (e.g., by submitting transactions, creating accounts, or even running a new node client) without needing prior permission.

AIA Chain Development Suite

The AIA Chain platform is designed independently and is creating a suite of tools and reference implementations to facilitate use by developers and end-users who prefer them. These tools include:

AIA SDK: AIA Chain supports the Solidity language for writing smart contracts. To provide developers with a rich experience, AIA Chain offers a comprehensive SDK that includes standard data structures, examples, and testing tools for Solidity.

Zero-Knowledge Proof Creation with Existing Technology: Gitpod provides an online integrated development environment (IDE) that, through AIA Chain customization, allows developers to easily write, test, and deploy smart contract software directly from a web browser. Example templates available on the site can be deployed with a single click, simplifying the building process on AIA Chain for both new and experienced developers.

AIA Chain Wallet: AIA Pay is the fundamental place for developers and end-users to store assets needed for using the network. It is a reference implementation designed to work seamlessly with an incremental security model, allowing application developers to design more effective user experiences. It will eventually include built-in features to facilitate staking and governance processes for holders.

AIA Browser: Helps with contract signing and understanding network performance by representing data in an easy-to-understand format.

AIA Command Line Tools: The AIA team provides a set of simple command-line tools that allow developers to easily create, test, and deploy applications from their local environment.

All these tools are created by the community in an open-source manner, allowing anyone to modify or deploy them.

AIA Chain Performance

TPS: 100000+

Average Block Interval: 3s

Consensus Mechanism

APoS Consensus Mechanism: Features low transaction costs, low latency, and high concurrency.

Maximum Number of Super Validators Supported: 1319

Economics

The AIA Chain platform's ecosystem is primarily driven by economic forces. This economy creates incentives for participants to organize without permission to drive the platform's key functions, while also creating strong disincentives for bad, irresponsible, or malicious behavior. These incentives need to be sustained over the long term for the platform to continue evolving. Fundamentally, the AIA Chain platform operates as a market between voluntarily participating parties. On the supply side, incentives are needed to motivate validator nodes and other infrastructure operators to provide the services that constitute the "community protocol." On the demand side, developers and end-users of the platform need to be able to pay for usage in a simple, clear, and consistent manner.

Additionally, economic forces can support the entire ecosystem. They can create new business models by directly compensating developers who create the most useful applications. They can also coordinate efforts to expand the broader ecosystem participants, who engage in everything from education to governance.

Token Supply and Issuance Strategy

1.Initial Total Supply: The initial total supply of AIA Chain is set at 13.19 billion AIA. This includes the allocation for the early network launch and reserves for future network development and maintenance.

2.Current Circulating Supply: The circulating supply reported by AIA Chain is 4 billion AIA. The theoretical total circulating supply should be 13.19 billion AIA, including tokens from the initial issuance and block rewards. Despite the theoretical higher circulating amount, the actual available circulating amount may be significantly lower.

3.AIA Token Distribution Strategy:

ISN Consensus: 7.89 billion

POS Consensus: 1.3 billion

Early Holders: 4 billion

Detailed distribution and usage (circulating) of the tokens are as follows:

AIA Token Issuance Mechanism and Strategy

The token issuance mechanism and strategy for AIA Chain cover several aspects to ensure the long-term sustainability of the network and the incentivization of participants. Here are the main components:

Initial Token Issuance (ICO) and Other Issuance Methods:

AIA Chain initially introduced tokens to the market through methods such as Initial Coin Offering (ICO), airdrops, and contributor rewards. These strategies not only provided the initial funding for the network but also established a user base and community participation.

Block Rewards:

The network atically issues 0.289 AIA per block as a block reward. This mechanism aims to incentivize miners and validators to participate in the network's maintenance, ensuring its activity and security. As blocks continue to be produced, new tokens enter circulation, enhancing the network's vitality and sustainability.

Lock-Up and Unlocking Strategy:

Certain tokens (e.g., those for the team and early investors) are subject to a lock-up period initially, with gradual unlocking according to a set schedule. This strategy aims to provide long-term incentives for holders and prevent market price fluctuations caused by sudden large token releases. Through these strategies, AIA Chain aims to establish an economic system that maintains network security and stable operation while promoting fair and reasonable token circulation.

Market Cap and Fully Diluted Valuation (FDV)

Market Cap

Market cap is a common metric for assessing the overall market value of a cryptocurrency. It is calculated by multiplying the current token price by the circulating supply. For AIA Chain:

Circulating Supply: 4 billion AIA

Total Supply: 13.19 billion AIA

Circulation Rate

Initial Total Supply: 13.19 billion AIA

Current Circulating Supply: 4 billion AIA

Circulation Rate: 30%. This indicates that currently only 30% of AIA tokens are in circulation, suggesting a relatively low circulation rate.

Growth Potential Analysis

To evaluate the growth potential of AIA, we can compare its market cap to that of major cryptocurrencies such as Ethereum (ETH), Binance Coin (BNB), and Worldcoin (WLD). Their market caps are:

Ethereum (ETH): \$453,320,809,834

Binance Coin (BNB): \$87,935,126,652

Worldcoin (WLD): \$1,078,315,598

If AIA were to achieve the market caps of these projects, the growth multipliers would be:

To reach ETH's market cap: 140,000x

To reach BNB's market cap: 2,700x

To reach WLD's market cap: 33x

If AIA meets its technical goals and gains widespread adoption, its market cap has significant growth potential, especially in comparison to industry leaders.

General Token Issuance Principles

Transparency: In the cryptocurrency space, transparent circulation mechanisms and fair token distribution are highly valued by the community. Hidden or ambiguous token circulation strategies can raise concerns among investors.

Gradual Unlocking: To avoid market disruption, many projects use a gradual unlocking method for tokens, such as halving annually, ensuring a steady and predictable market supply.

Market Comparison: Circulation rates often align with a project's development stage. Established projects may have higher circulation rates (typically over 50%), while newer projects might have lower rates.

Supply and Inflation

In AIAChain's economic model, inflation rate is a key factor that directly impacts token stability and investment appeal. The inflation rate is determined by the token issuance speed, with AIAChain using a halving mechanism similar to Bitcoin to control the rate of new token generation.

AIA Chain Economic Design Principles

1.Usability: End users and developers should have predictable and consistent pricing for network usage. Data loss should never occur.

2.Scalability: The platform should be able to scale within reasonable thresholds.

3.Simplicity: Each system component's design should be as simple as possible to achieve its primary purpose.

4.Sustainable Decentralization: Barriers to participating as a validation node should be kept as low as possible to encourage widespread participation. Over time, participation should not concentrate wealth and control among a few individuals. Future transactions must be as secure as those conducted today to ensure the value of modifications.

AIA Chain Economic Model Overview

The AIA Chain economic model is optimized to provide the simplest possible experience for developers and end-users while also offering appropriate incentives for network security and ecosystem development. Here's a summary of the key principles driving the system:

1.Proof of Stake Thresholds:

Validator node operators provide scarce and valuable computational resources and network security. To ensure their computations are accurate, they must "lock" AIA tokens as collateral. If the results are found to be incorrect, they lose a portion of the staked AIA tokens. This mechanism is fundamental to network security. The participation threshold is algorithmically set at a minimum level to allow the broadest possible participation within a given "epoch" cycle (minimum of one day).

2.Epoch Rewards:

Node operators receive a percentage of the total supply as a "security fee" of 4.5%. This rate aims to balance network security with sufficient participation levels in the AIA Chain ecosystem.

3.Protocol Library:

In addition to validators, the protocol library receives 0.5% of the total supply annually for continuous reinvestment into ecosystem development.

4.Transaction Costs:

Network usage consumes two types of resources: immediate and long-term. Immediate transfer costs are incurred with each transaction, as each transaction utilizes network and computational resources. These costs are priced into each transaction and paid in tokens.

5.Storage Costs:

Storage is a long-term cost since maintaining data is a continuous burden on network nodes. The foundation covers this by maintaining a minimum balance on accounts or contracts. This provides an indirect payment mechanism through inflation to maintain contract and account states on nodes.

6.Inflation:

Inflation is related to payments to validators and protocol operations, excluding gas fees. The maximum inflation rate is set at 5%. As network usage increases and more transaction fees are burned, inflation may gradually decrease. Inflation could even become negative (supply decreases) if enough fees are burned.

7.Scaling Thresholds:

When the network receives additional capacity relative to usage, the thresholds driving this additional capacity are inherently positive.

8.Security Thresholds:

Economic incentives set thresholds for participant behavior to ensure good conduct.

Economic Stakeholders

Validators: Provide computational resources and security to the network by running nodes.

Developers: Create applications that run on the network.

Token Holders: Maintain accounting for token balances.

AIA Foundation: An independent entity that coordinates governance and technical development among network participants.

Third-Party Observers: Provide additional fraud and misconduct protection for the network.

Users: Utilize applications on the network without maintaining token balances.

The following section will explore how economic policies impact these stakeholders.

Validator Rewards

As part of the "Proof of Stake" system, the AIA Chain platform ensures security by requiring validators to lock up a portion of their AIA tokens as collateral. This deposit guarantees good behavior and helps prevent Sybil attacks. If validators produce invalid blocks or create an alternative chain (e.g., for double spending), they will lose a part of their staked tokens. Validator selection is determined by the "Proof of Stake Threshold" model, which sets the minimum number of tokens required to be allocated a validator "seat." This auction aims to provide fair (equal opportunity) allocation and allows as many participants as possible to engage in the network's validation process, thereby achieving meaningful decentralization. Validators can expect to participate in the validation process proportionate to their share of the total stake in the network. Each validator might take on one of the following roles:

1.Block Producer

2.Producer of Blocks

3.Hidden Validator

Regardless of their assigned role, validators' rewards are proportional to their totaetwork. This means there is no minimum threshold required to become a validator. By producing blocks and securing the network while ensuring data availability. Validators are chosen on an epoch basis, meaning each must perform an equal amount of work in validating blocks, providing data availability, and producing blocks. Rewards are distributed within each epoch and proportional to each participant's stake. All transaction fees collected over time (minus a portion allocated as contract rebates) are burned by the system. Inflationary rewards are paid to validators regardless of the collected or burned fees. This means that the overall system inflation decreases proportionally to the amount of fees paid to the system. If

network usage fees exceed the system's inflation rate, the system can turn deflationary.

Operational Requirements

Operators should be able to run nodes using standard cloud-hosted virtual machines, such as an Amazon AWS instance costing \$100 per month or a Google Cloud instance with 1 high CPU-4 configuration (possibly using less powerful hardware). Validators who expect to maintain a significant balance and participate in many shards simultaneously might consider investing in more hardware (and redundancy) to handle the additional storage, bandwidth, and computational load.

Contract Rewards

A portion of the fees generated by specific transactions is allocated to contracts running during those transactions. These "random rewards" can be distributed according to rules specified in the contracts, such as being allocated to accounts controlled by contract developers, investors, DAOs, etc. The percentage of fees allocated to these rewards is set as a system-level parameter, initially at 30%. Developers can always charge additional fees outside this mechanism by requesting extra funds for contract calls. This creates a business model for developers: charging for their applications. The system-level minimum fee prevents "bottom-feeding competition," which could drive fees to zero or be paid by other developers. This effectively incentivizes developers to build applications and core network contracts since they will receive compensation proportional to the usage of these contracts.

Token holders can choose not to participate in staking, for instance, because they are merely temporary holders, providing liquidity to the transaction market, or they prefer not to participate. Non-participating token holders do not gain additional benefits from the network's operations, although their tokens still have utility in driving data storage and application usage on the network.

Economic Model Overview

Blockchain Overview

AIA Chain: The Next Frontier of Wealth

AIA Chain is at the forefront of blockchain technology, integrating AI technology, financial payments, and decentralized economic ecosystems while being EVM-compatible. It optimizes transaction speed, reduces costs, and maintains high security and scalability. By utilizing the native AIA token and adopting the APoS and AISN consensus mechanisms in parallel, AIA Chain drives widespread blockchain adoption, providing efficient technical solutions and supporting global enterprises and developers in launching innovative blockchain applications. AIA Smart Chain has significantly enhanced blockchain network execution speed, achieving a TPS of 100,000+, and can process over 5,000 transactions for just \$1. This substantial reduction in transaction fees is accompanied by increased security. Furthermore, through the development of decentralized applications (DApps) such as RWA, Web3 social platforms, GameFi, and financial payments, AIA Chain is continually expanding its ecosystem. By leveraging cross-chain technology, AIA breaks down traditional financial barriers, enabling free asset circulation across different blockchains and creating substantial wealth growth opportunities for early investors.

AIA's Value Mission - Simplifying Success

AI Integration

AIA Chain aims to further collaborate with AI model developers, AI trainers, cloud computing providers like AWS, and hardware manufacturers. This collaboration will drive more innovation in the convergence of AI and blockchain technology, offering efficient AI computing services, optimized hardware support, and extensive application scenarios, creating greater value for users and developers.

Collaboration Directions and Goals:

1.AI Model Development and Training Collaboration:

- **Partners:** AI model developers and AI trainers, such as AWS, Google Cloud, etc.- **Goals:** Support the R&D and optimization of AI technologies, integrate powerful cloud computing capabilities, enhance AIA Chain's processing power and data handling speed, and provide an efficient platform for AI model development, testing, and deployment.

2.Hardware Manufacturer Collaboration:

- **Partners:** Hardware manufacturers, especially those producing AI watches, smartphones, and other wearable devices.- **Goals:** Expand the application of AIA Chain into a broader range of consumer hardware, increasing user exposure and use cases, such as on smartphones and watches.

Expected Benefits and Strategic Significance:

These collaborations will not only accelerate technological innovation and application but also enhance AIA Chain's market competitiveness and brand influence. Partnering with leading companies in these fields will provide AIA Chain with advanced technological support and market resources, facilitating the global promotion of its solutions and attracting more users and developers to its ecosystem.

Payment Integration

AIA Public Chain is dedicated to developing an innovative AI technology and decentralized financial payment ecosystem, expanding the application and technical boundaries of blockchain technology so that ordinary internet users can genuinely experience its value.

1.Turkish Applications: AIA tokens offer a convenient payment method for real estate purchases and travel.

2.Swiss Applications: In certain regions of Switzerland, AIA tokens are widely used for hotel accommodation payments, whether for five-star hotels or small family-run inns, making transactions straightforward.

3.Technical Aspects: AIA Public Chain's underlying technology facilitates peer-to-peer value transfer through innovative applications.

It is built upon a protocol supporting multiple industries (such as finance, IoT, supply chain, social gaming, etc.) with a decentralized payment application development platform (DAPP Platform). In terms of consensus mechanisms, AIA Public Chain employs Proof of Stake (PoS), achieving distributed network, ledger, consensus, gateway, distributed transactions, multi-currency transactions, wallet, payment, and digital asset issuance functionalities.

4. Contribution to Traditional Finance: By collaborating with traditional financial institutions, AIA advances decentralized and cross-border payments, ensuring that financial services reach every corner of the globe more quickly and securely. Additionally, AIA's innovative payment solutions enable businesses to operate globally with ease, reducing the complexity and cost of cross-border transactions.

AIA Public Chain will offer digital currency payment services globally, supporting the circulation and payment of all digital currency assets within its ecosystem, including payments, transfers, fiat trading, deposits, withdrawals, voting, STO gateways, token distribution, lending, charity, gaming, and e-commerce transactions.

AIA Consensus Mechanism – Genesis Coin Minting Rights

AIA Economic Mechanism

- **Total Supply:** 13.19 billion AIA tokens- **Early Token Holders:** 4 billion- **POS Mechanism:** 1.3 billion- **AI SN Consensus Mechanism:** 7.89 billion

Node Construction with POS Mechanism

Node Availability: Gradual reduction over 12 years, with 1,319 node slots available for building the AIA public chain ecosystem.

Block Output: 1.3 billion tokens will be distributed through block production over 1,000 years. Each year, 1% of deflationary output is rewarded to the nodes of that year.. Each block will produce 0.289 AIA tokens.

Burn Mechanism:

10% of the tokens produced in each block will be directly burned.

AIA token prices will be updated every 7 days. If the price falls by:

- **100%**, the burn ratio of all block rewards in the next cycle will be **50%**.- **200%**, the burn ratio of block rewards will be **80%** (block rewards will return to normal once prices stabilize). Note: Price change formula:
$$\text{Change} = \frac{\text{Current Price} - \text{Initial Price}}{\text{Current Price}}$$

Token Allocation for Computing Power

Token Allocation for Holding Power:

Total: 1.9 billion AIA

Annual Output: 1.9 million AIA

Daily Output: 1.9 million / 360 = 5277 AIA

Token Allocation for Promotion Power:

Total: 5.5 billion AIA

Annual Output: 5.5 million AIA

Daily Output: 5.5 million / 360 = 15277 AIA

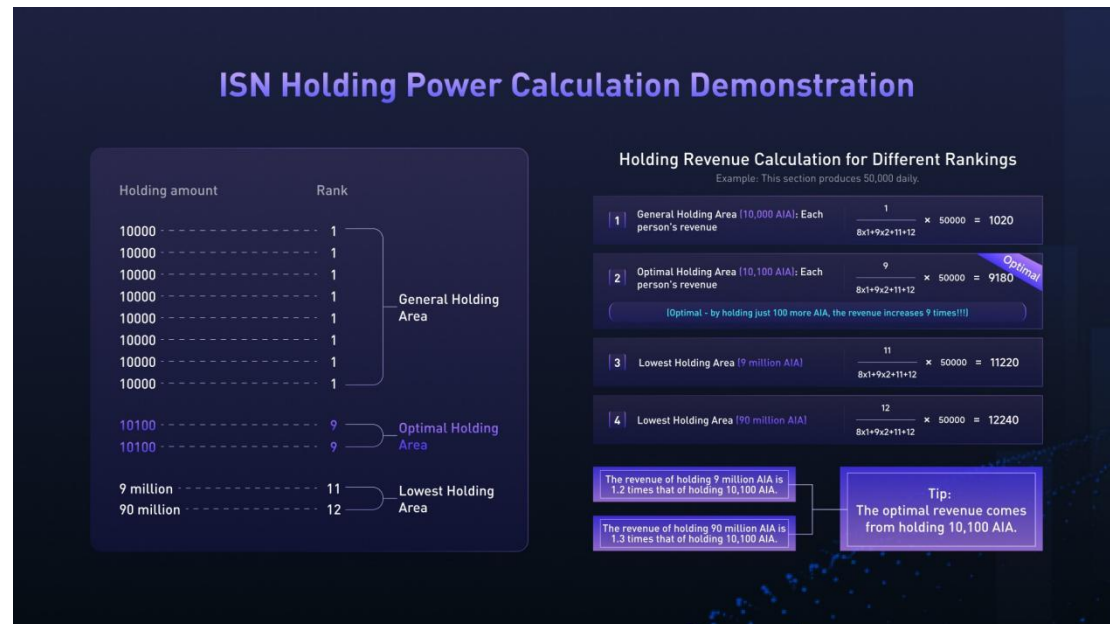
Token Holding Power

Algorithm: The holding power calculation uses a descending jump ranking weighted algorithm. Users who hold a certain amount of AIA tokens can participate in earning daily holding power AIA.

Formula: Holding Power Reward = Your Rank / Sum of All Network Ranks × Daily Holding Power Output
$$\text{Holding Power Reward} = \frac{\text{Your Rank}}{\text{Sum of All Network Ranks}} \times \text{Daily Holding Power Output}$$

$\text{Daily Holding Power Output} \times \text{Holding Power Reward} = \text{Sum of All Network Ranks} \times \text{Your Rank} \times \text{Daily Holding Power Output}$

AISN Token Holding Power Algorithm Demonstration



Token Holding Power Boost

1.Token Holding Power Boost Card: You can purchase a power boost card using tokens to enhance token holding power. The boost card has an expiration date.

1.Example: For user A, the power boost card adds a coefficient to the total staked power.

Total staked amount: 1000

Boost card coefficient: 10%

Boost card power increase = $1000 \times 10\% = 100$

Total token holding power = $1000 + 100 = 1100$

2.Referral User Power Boost

1.Boost Coefficient Rules:

Refer 5 valid addresses: Coefficient 1.2

Refer 10 addresses: Coefficient 1.5

Refer 15 addresses: Coefficient 2

Refer 16 addresses: Coefficient 3

2.Example: Total staked amount: 1000, referred 16 addresses, boost coefficient: 3

Total token holding power = $1000 \times 3 = 3000$

A's token holding yield = Updated ranking / Total network ranking $\times$ Daily reward

Promotion Power

Promotion Power Output = Individual promotion power / Total network promotion power $\times$ Daily promotion power output

Calculation Rules:

Maximum Node Performance: Cubic root!

Nodes with performance $\leq 10,000$: Directly $\times 10$

Nodes with performance $> 10,000$: $10,000 \times 10 +$ Remaining amount

AISN Promotional Computing Power Algorithm Demonstration

ISN Promotion Power Calculation Demonstration

$$\text{Promotion power output} = \frac{\text{Personal promotion power}}{\text{Total network promotion power}} \times \text{Daily promotion power output}$$

Calculation rules:

1. Cube root of the largest node performance
2. For node performance $\leq 100,000$, multiply by 10 directly
3. For node performance $\rightarrow 100,000$, calculate as $100,000 \times 10 + \text{balance}$



A's promotion revenue is calculated based on A's promotion power, which is 4.35 million

A's promotion power:

$$A_i = (10 \text{ million})^{1/3} + 100,000 \times 10 + 900,000 + 100,000 \times 10 + 50,000 + 80,000 \times 10 + 60,000 \times 10 = 4,350,215$$

- Cube root is applied to the largest node (10 million);
- for 1 million, calculate as $100,000 \times 10 + 900,000$; for 150,000, calculate as $100,000 \times 10 + 50,000$;
- for 80,000 and 60,000, multiply by 10 directly.

Assuming A has promoted to B, C, D, E, and F:



AISN Mechanism Destruction

1. A 1% fee is directly burned from the computing power mining pool.
2. The price is updated every 24 hours (at a fixed time). If the price drops by 20%, 50% of the computing power rewards for that day will be burned. If the price drops by 50%, 70% of the computing power rewards for that day will be burned.

AIA Ecosystem Development

Demand and Strategic Utility of AIA

To further expand the market scale of AIAchain, stabilize its token value, attract more users and capital, and promote the ecosystem's maturity and diversification, AIA is committed to ensuring the steady rise of modern token value and the continuous, healthy development of the ecosystem.

1.Basic Network Fees

- **Transaction Fees:** AIA is used as the medium for paying network transaction fees. Each transaction requires AIA as fuel, ensuring the continuous operation and security of the network.- **Smart Contract Execution:** Deploying and executing smart contracts consumes AIA tokens. As more smart contract applications are developed on AIAchain, the demand for AIA will increase.

2.Ecosystem Incentives and Governance

- **Node Incentives:** AIA holders can delegate their assets to validator nodes or stake AIA to run their own validator nodes, ensuring network security.- **Governance Participation:** The token governance mechanism enhances community participation and commitment to the project, fostering the healthy development of the ecosystem.

3.Cross-Chain Interoperability

- **Asset Bridging:** AIA's cross-chain functionality supports the transfer and exchange of assets across different blockchain platforms, increasing its utility and competitiveness in the global crypto market.

4.DeFi and Other Financial Applications

- **DeFi Applications:** AIA supports various decentralized financial applications within the AIAchain ecosystem, such as liquidity mining, lending, and banking services.

5.Price Stability Mechanism

- **Token Market Operations:** A dedicated market operations fund will be established to regulate market supply and demand through strategic buying and selling, maintaining token price stability.

6.Risk Management Tools

- **Options and Futures:** Introducing financial tools like options and futures as hedging mechanisms and means of price stability, enhancing the market adaptability and appeal of the token.

7.Market Expansion and Education

- **Market and User Education:** Significant investments will be made in market education and brand promotion to raise public awareness of AIAchain.

Cross-Chain

Cryptographic assets like Bitcoin, Ethereum, and USDT stablecoins can be mapped onto AIA Chain through cross-chain bridges: assets are locked on the original public chain, and a corresponding amount is generated on AIA Chain. AIA Chain will also encourage developers to provide more decentralized cross-chain solutions.

Meta-Transactions

AIA Chain will support meta-transactions, allowing users to progressively lower gas fees. AIA Chain will cover the reduced portion of gas fees, benefiting users by enabling bulk transfers and minting on-chain. This feature will also minimize migration costs for DApp developers and effectively lower costs for DApp users.

AIA Chain Roadmap

AIA Chain officially announced its **AIA Chain Star 2.0 Roadmap** on June 20, 2024. AIA Chain is an EVM-compatible programmable smart contract blockchain. The AIA smart chain will enhance blockchain network execution speed, reduce transaction costs, and improve security through Layer 2 technology, while developing Dapps such as RWA, WEB3 social, Gamefi, and financial payments to enrich its ecosystem.

The core token of AIA Chain is **AIA**, utilizing the popular Proof-of-Stake mechanism: APoS consensus mechanism. AIA Chain will continue to improve public chain efficiency through Layer 2 network technology, significantly complementing and expanding the public chain ecosystem.



2024 Season 3

Infrastructure Enhancement: Upgrade and improve chain infrastructure, such as providing complete browser functionality and DEX (exchange and pool). Users will be able to fully experience these features with AIA.

Wallet Adaptation: Users can add network configurations to existing wallets like MetaMask without needing to create a separate Layer 2 wallet.

Public Chain Browser: Support various types of smart contract operations.

DEX: Offer a full suite of AIA Swap functionalities.

Hackathon Launch: Attract more developers to join.

Accelerator Program: Drive more projects to deploy on AIA Chain.

2024 Season 4

Decentralization and Network Availability: As AIA's economy continues to grow, reliability and trust through decentralization and availability are crucial.

Fee Reduction: Aiming to reduce fees to below \$0.01, which is essential for driving innovation on-chain. This requires ongoing innovation on Ethereum L1 and L2, and EVM layers.

Smart Wallet as Default: Smart wallets are necessary for daily user accessibility and application usage on-chain. Collaborate closely with AIA Chain (and other major applications) to transition them to smart wallets.

Web2 Channel Stability: Partner to introduce local currency stablecoins into AIA, enabling applications and L3, L2, and L1 to connect to AIA for leveraging these entry and exit points.

2025 Season 1

Technical Upgrades: Continuously research advancements in Ethereum Layer 2 chain technology to ensure technical updates and progress.

Integration Support: Provide assistance and encourage developers to quickly build and deploy applications based on AIA.

Community Building: Create a developer community for technical support and resource sharing to foster collaboration and communication.

Partnerships: Establish collaborations with projects and enterprises within the Ethereum ecosystem to expand cross-chain cooperation and enrich the blockchain ecosystem.

Promotion and Marketing: Conduct comprehensive promotional activities to educate users and developers on the advantages and applications of AIA technology, driving widespread adoption.

2025 Season 2

Building an Innovative, Creative, and Vibrant Global Financial System:

Decentralization and Scalability: Ensuring that everyone and everywhere can access the chain. Our commitment to decentralization and scalability is our top priority, focusing on

achieving fast, cost-effective transactions on secure, decentralized L2 solutions.

Developer Platform: Creating a robust platform that enables anyone to build leading chain-based products. Our long-term goal is to develop a platform that allows builders worldwide to create world-changing products.

Vibrant Application Ecosystem: Attracting over 1.5 billion people to a thriving application ecosystem, driving the next wave of global creativity and innovation.

Deep Capital Markets: Developing a robust capital market and seamless interconnection with other Ethereum L2 and L1 chains, establishing AIA as a key component of the on-chain economy.

AIA Chain Support Program

AIA Foundation is excited to announce the launch of the **Astar Incubator Program** for AIA Chain and the AIA ecosystem. Several leading venture capital firms in the blockchain space will join the Astar Incubator Program as partners to support incubated projects, with details to be revealed in the future. Starting from March 2024, we will review and accept applications for the Astar Incubator Program on a rolling basis. Accepted projects will receive marketing support, technical assistance, consulting, funding, and resources from AIA Chain.

What We Offer in the Incubator Program:

Operational Support

The AIA Chain core team will collaborate with selected projects, providing all necessary support. Projects will have access to AIA Chain's resources, including notable investors, marketing strategies, business development, networking, legal guidance, financing, and strategic consulting from the AIA Chain core team.

Seed Investment

Projects accepted into the AIA Chain Incubator Program will receive seed funding from our venture capital partners, providing initial capital

and incentives for founders to focus on their project development. Accepted projects can be valued up to \$20 million.

Mentorship

AIA Chain will connect founders with our team and key members and experienced engineers in the Web3 field. They will provide guidance on tokenomics design, marketing, development, and startup operations to help founders grow rapidly.

Extensive Network

Projects will gain access to our diverse ecosystem of builders and partners, providing opportunities to establish meaningful connections.

Relevant Support Program Tracks

DeFi Accelerator Competition

Token Competition

Large Project Rankings

Small Project Rankings

Meme Coins and Community Token Competition

Application Competition

Liquidity Staking Competition

Advantages of AIA in Financial Payments

Decentralization Benefits

AIA Chain's decentralized design eliminates the cumbersome intermediaries present in traditional financial systems, simplifying the

payment process. Decentralization not only enhances payment efficiency but also reduces transaction costs for participants.

Utilization of Smart Contracts

Smart contracts are a crucial feature of blockchain technology, automating the execution of contracts during the payment process. AIA Chain utilizes smart contracts to enable automated payments and contract fulfillment without relying on third parties, thereby enhancing payment security and reliability.

Privacy Protection

While blockchain provides highly transparent transaction records, privacy remains a key challenge. AIA Chain addresses this by employing technologies like zero-knowledge proofs to enhance user privacy in financial transactions.

Regulatory Compliance

Regulatory compliance in financial payments is complex. AIA Chain leverages blockchain technology to automate and ensure regulatory compliance, maintaining the legitimacy and stability of the payment system.

Summary

AIA Chain's governance aims to provide effective protocol improvements while allowing the community ample voice and oversight to ensure protocol independence. The long-term goal is to combine community-led innovation with effective decision-making, incorporating appropriate representation from every key stakeholder in the network. For instance, the AIA Chain community initially includes token holders, validators, application developers, protocol developers, and community leaders. Each stakeholder has different perspectives, opinions, and inputs on various critical issues. Proper representation means decisions will require deliberation and

discussion, which, if not managed, could slow down necessary protocol developments.

Maintaining Oversight

Execution requires a high-quality entity to maintain the reference implementation of the core protocol code. This maintainer should be selected and supervised by the community. Initially, treasury activities are coordinated by an independent non-profit organization, the AIA Chain Foundation, aligned with the long-term effectiveness of the ecosystem. These activities include overseeing the reference maintainer, supporting governance, coordinating tool development, certain token distributions, and laying the groundwork for community-operated governance.

Technical Governance

As a decentralized network, no single entity can force changes across the entire AIA Chain network. Nodes running the network must individually accept changes. It remains crucial to adhere to core processes used to drive changes in the reference codebase, as these processes likely represent the community's will, ensuring acceptance by network nodes that are part of that community.

AIA Chain's governance defines a reference maintainer responsible for technical matters and upgrades to the AIA Chain network. This entity is selected to maintain the reference implementation and continue recommending improvements. Major versions will be protected by community discussion and veto processes (a two-week challenge period), while smaller bug fixes can be rapidly deployed and delivered to node operators. Initially, maintainers are chosen by the Foundation Board and can only be replaced through board voting. Maintainers will be elected through a community representative election process.

Future of AIA Chain

The future, like the internet itself, is infinitely configurable. While its exact nature is unknown, we can identify key forces that will shape it and tools that will drive us there.

Privacy: Blockchain activity and data are inherently visible. However, privacy is about choice—whether activities should be transparent or hidden. While default technological tools may not offer privacy

protection, many solutions built on top make it possible. Technologies like zero-knowledge proofs offer opportunities to maintain data integrity while enabling computations that modify it.

Private Data Privacy: Not all blockchain use cases require the full public security and protection of every transaction. Sometimes, user alliances or single entities prefer running a main chain where they control all validation and periodically check back to the main chain for security or activity validation and communication. In such cases, specialized fragments may use a predetermined set of validators, making them private moving nodes.

Internet of Things (IoT): IoT devices represent the lowest processing power and highest number of available CPUs compared to mobile devices, offering unique scalability opportunities.

Composable Components (Open Networks): The dream of open networks is to allow all available applications to be easily assembled to create new functionalities. This concept is akin to how modern smartphones leverage GPS, cameras, and internet connections. As AIA Chain's global state becomes accessible to all applications, this future will become a reality.

What's The Next Step?

Regardless of your experience level or skills, AIA Chain provides ways for you to get involved. Join the journey and help build the future.

Participate in AIA Chain's Test Environment

Official Website

www.aiachain.org

<http://www.aiachain.org>

Block Explorer

<http://aiascan.com>

<http://aiascan.com>

Testnet Block Explorer

<https://testnet.aiascan.com>

<https://testnet.aiascan.com>

Connect with Us on Social Media

Twitter: [AIACChain](<https://twitter.com/AIACChain>)

YouTube: [AIACChain](<https://www.youtube.com/@AIACChain>)

Instagram: [aiachain](<https://www.instagram.com/aiachain>)

Medium: [@aiachain](<https://medium.com/@aiachain>)

Website: [www.aiachain.org](<http://www.aiachain.org>)

Disclaimer

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Contact and Access: This white paper, website [www.aiachain.org](<http://www.aiachain.org>), or any other materials published by the Foundation.

Project Purpose: All contributions will be used to advance, promote research, design, development, and advocate community-driven innovation to benefit people worldwide, focusing on the AIA Chain protocol, Foundation, distributors, and their respective affiliates developing, managing, and operating the AIA Chain platform.

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4. The Foundation, distributors, their affiliates, and/or AIA Chain team members will not be responsible for the value, transferability/liquidity, and/or availability of AIA Chain tokens through third parties or other markets.

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Token Characteristics: AIA Chain's native digital cryptocurrency token is designed to perform specific functions as specified in the protocol/code. The AIA Chain token plays a significant role in the ecosystem on the AIA Chain platform and is intended solely as a primary utility token on the platform. The AIA Chain token is a refundable functional utility token used as a medium of exchange among participants on the AIA Chain platform. The introduction of AIA Chain tokens aims to provide a convenient and secure mode of payment and settlement for participants interacting within the AIA Chain ecosystem. It is not, nor intended to be, a medium of exchange accepted by the public for partial payment of goods or services or discharge of debts; nor is it designed or intended to be used for any non-payment of goods or services (exclusively provided by the issuer). The AIA Chain token does not represent any equity.

Participation, Rights, Ownership: Participating in the Foundation, distributors, unrelated affiliates, or any other company or entity does not entitle token holders to any fees, dividends, income, profits, or returns on investment, nor does it constitute securities in Switzerland, Singapore, or any relevant jurisdiction. AIA Chain tokens can only be used on the AIA Chain platform, and ownership of the platform and AIA Chain tokens does not grant any explicit or implicit rights beyond the use of AIA Chain tokens.

AIA Chain Token Utility: The AIA Chain token provides economic incentives to encourage participant contributions on the network platform, facilitating new behaviors within applications on the network. As a decentralized network, AIA Chain relies on various participants to provide network maintenance resources, and AIA Chain tokens are used as a medium to quantify and compensate for the resources consumed. The AIA Chain token is an integral part of the AIA Chain platform, as users have no incentive to spend resources on activities or services benefiting the entire ecosystem without it.

AIA Chain Token Features:

1. Payments for various services within the ecosystem, processing transactions, providing bandwidth, and storing data.
2. Participation in storage processes, running validation nodes (providing computational resources to validate information/generate blocks), and assisting in determining network resource allocation and governance processes. (To clarify, voting rights are limited to voting on the characteristics of the AIA Chain platform; invalid votes are not granted to token holders regarding the operation and management of the Foundation, distributors, or their affiliates, and do not constitute equity in these entities.)

AIA Chain Token Disclaimer

Key Points about AIA Chain Tokens:

- 1.No Tangible Value:** AIA Chain tokens have no intrinsic value, and there are no statements or guarantees regarding their value.
- 2.Non-Refundable:** Tokens cannot be redeemed for cash (or equivalent virtual currency) from the Foundation, distributors, or any affiliates.

3.No Symbolic Rights: Tokens do not grant any symbolic rights, including dividends, income, ownership, shares, voting rights, or any financial or legal claims.

4.Not a Security or Investment: Tokens are not considered currency, securities, goods, bonds, debt instruments, or any type of financial tool or investment.

5.No Guarantees of Profit: Contributions to token sales will not provide any economic or legal rights, and the development and exchange of AIA Chain tokens are independent of the Foundation and distributors.

6.No Secondary Market Creation: The Foundation and distributors do not create secondary markets for trading AIA Chain tokens.

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