AIS

HIGH-END INTELLIGENT TECHNOLOGY INFORMATION SERVICE PLATFORM

Embrace the New Trend of Industrial
Digital Transformation
Create a New Development Engine for RWA Track

WHITE PAPER

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Preface

With a series of drastic changes in the real world, the global political and economic landscape has undergone profound changes. People have begun to pay more attention to the real economy. The integration of blockchain technology with the real economy has become a new hot spot for industry-wide research. In this context, RWA, as a bridge between the blockchain industry and the real economy, has quickly gained a lot of attention and has become a new hot track.

RWA (Real World Asset), that is, asset of the real world, refers to physical assets that can be tokenized on the chain. The tagged physical assets can be circulated and traded on the chain, and can be connected to DeFi, thereby improving the liquidity and transaction efficiency of physical assets. RWA has a wide range of application scenarios, covering finance, energy, medical care, education, culture and other fields. It will inject new vitality into the real economy and stimulate innovation potential.

RWA can not only bring more users and funds to the blockchain industry, but also bring more trust and transparency to the real economy, achieving a win-win situation. The development prospects of RWA are very broad, and it is expected to open up the channel between traditional finance and encrypted finance, thereby leveraging assets worth USD10 trillion.

In recent years, blockchain technology has achieved great success due to its transaction speed, transparency, and decentralization in some cases. It allows for the exchange of information or tokens without intermediaries. Utilizing the potential of this innovative technology and coexisting with the Web3 public chain protocol, AIS emerged as the times require.

AIS is fully supported by entities, and its value is tied to USDT, which directly solved the doubts of traditional finance and banking industries. The project has successfully demonstrated that the challenges of transferring and continuously redeeming physical assets such as gold, jewelry, real estate, cars, art, antiques etc. linked to currencies once deemed infeasible can indeed be overcome.

The AIS platform is composed of different stages that executed in sequence and couples products to each stage.

The first phase involves launching the project and releasing technology to certify physical assets stored in the public chain vault, and issuing NFTs granting ownership of AIS NFTs for physical assets.

The second stage includes an alternative token. After locking the AIS NFT to a smart contract AIS, the physical gold and jewelry are compared to USDT at the current price, and then issued with USDT against AIS according to a certain issuance ratio (such as 0.2U against 1 AIS), starting from the AIS public chain and then connected to other blockchains.

The third phase brought ultimate utility to the extensive ecosystem by

pegging it with stablecoins like USDT.These tokens will first be introduced on the Web3 public chain, bringing their value to the ecosystem, and then use the Web3 public chain infrastructure to connect with other cross chain connections to unleash their full potential.

In 2023, the RWA track continued to develop. In addition to the layout of old DeFi platforms such as MakerDAO and Aave, many native protocols had also emerged. RWA may not only become the main narrative of the next bull market, but also serve as a bridge between the cryptocurrency market and mainstream finance, bringing a large amount of traditional funds into the cryptocurrency market. The full name of RWA is Real World Assets Tokenization, which is the process of converting the value of equity in tangible or intangible assets (which can be ownership, income rights, usage rights, etc.) into tokens. RWA can represent many different types of traditional assets (including tangible and intangible assets), such as commercial real estate, bonds, automobiles, and almost any asset whose stored value can be tokenized.

The public chains are actively responding to RWA narratives and launching RWA protocols related to real world assets. The story of RWA in the context of Web3 ecology starts with AIS.

I. Introduction to AIS

AIS is a high-end intelligent technology information service platform that is committed to using high-end intelligent technology information technologies such as blockchain technology, smart contract technology, oracle machine, cross-chain and related security and privacy protection technologies to introduce the physical industry into the Web3 world and realize a new narrative of RWA for the real economy.

In order to help global physical enterprises transform into RWA with faster speed and better RWA experience, AIS fully integrates the physical industries of cities in Southeast Asia. It plans to use the gold, jewelry and precious metal industry as the first area to realize RWA, and use the gold and jewelry industry as a pilot to build a bridge for global physical industry RWA and provide transformation ideas.

Taking the gold, jewelry and precious metals industry as an RWA model: Currently, there are a wide variety of gold, jewelry, and precious metal products available in the market. There are usually three traditional ways to invest: buying physical gold and jewelry, investing in gold jewelry ETFs, and buying stocks of gold mining companies. Of course, each method has its advantages and disadvantages, such as storage issues for physical gold, jewelry and precious metals, the management fees and indirect ownership issues of ETFs, and the dependence of gold mining company

stocks on company performance. These factors often make people who want to buy, hold, and sell gold and jewelry feel cumbersome. However, AIS perfectly solves the above problems.

AIS is jointly initiated by the BENTLEY VISION Foundation of the United Kingdom, Digital Future Foundation, AIS Technology Laboratory of the United States ，and the global AIS community, It is a real industry RWA project built on the Web3 public chain and aims to realize the digitization and democracy of gold jewelry through blockchain technology, allowing people around the world to bypass traditional trading markets and safely, fairly and diversely trade physical assets such as gold, jewelry, cars, houses, artworks, etc.

As a decentralized autonomous organization (DAO), AIS is composed of entities and individual contributors scattered around the world. The main contributors include the BENTLEY VISION Foundation of the United Kingdom, Digital Future Foundation, and all participating members of the foundation, the AIS technology laboratory, global entity industries and related enterprises etc.

BENTLEY VISION Foundation of the United Kingdom was jointly initiated by Bayes Global Corp, GODE TECH Corporation, Santa Ana, and TA Group, acting as the decentralized entity of AIS and issued the first gold and jewelry NFT based on the AIS NFT protocol. The Company is regulated by the Financial Market Regulatory Authority (FINMA) of Vietnam, Malaysia,

etc., acting as a custodian of physical assets and providing a channel for NFT holders to redeem physical assets from public chain vaults. **BENTLEY VISION Foundation of the United Kingdom**is the developer of the AIS NFT protocol and an important contributor to the first physical asset NFT.

II. AIS Ecology

1. AIS Digital Ecology

The digital ecosystem is composed of three parts, namely AIS (industrial value token), AIS-NFT (physical asset NFT), and USDT (stablecoin).
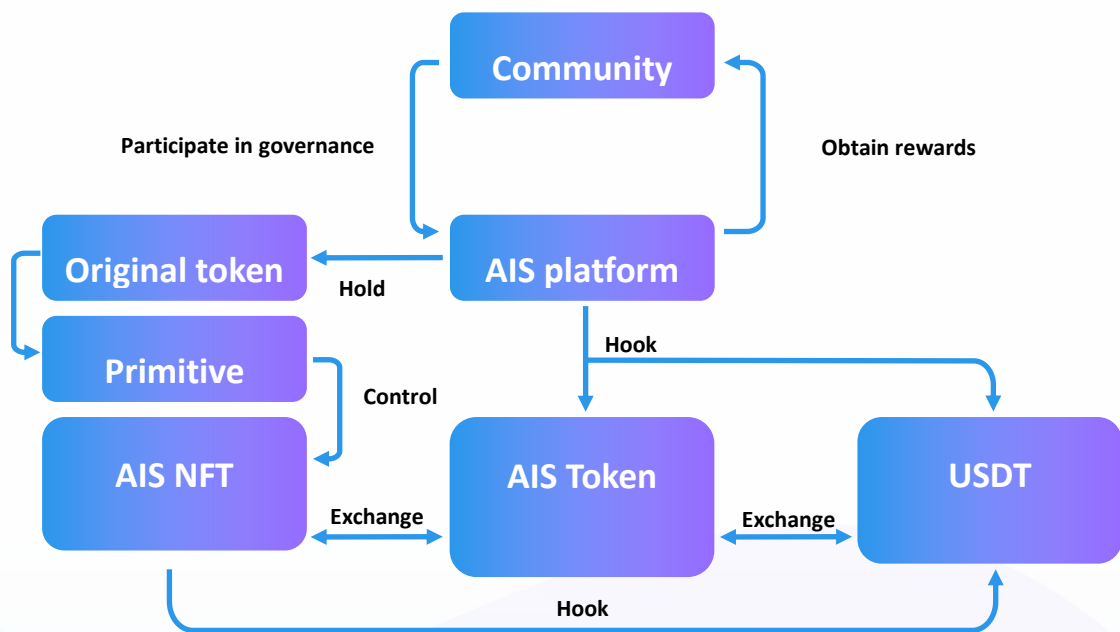
I. AIS industrial value token

AIS industrial value token serves as a bridge between physical industry value and digital ecosystem, AIS issues industrial value token --- AIS. Each entity enterprise can upload its own asset tokens and obtain the

corresponding AIS tokens. All tokens on the entire chain represent the industrial assets or industrial values carried by the public chain, and AIS also represents the total amount of industrial value on this public chain. In the future, all participants will work together to create industri al value and drive the increase of AIS.

AIS Issuance:

A total of 1 billion AISs will be issued

AIS mother currency issuance: 1% (10,000,000 coins)

• IEO: 4113000

• Node: 4887000

• Airdrop: 1,000,000

AIS mining pool issuance: 99% (990,000,000 coins)

After the mining pool is opened, the daily output of AIS will be distributed as follows:

• Computing power card mining pool output: 10%

• Byzantine algorithm currency holding mining pool: 45%

• Byzantine algorithm shared computing power mining pool: 45%

Mining pool issuance phased output plan:

Stage 1 (6 months)	Monthly growth of 12% of the original base
Stage 2 (18 months)	Monthly growth of 9% of the original base
Stage 3 (36 months)	Monthly growth of 7% of the original base
Stage 4 (48 months)	Monthly growth of 5% of the original base
Stage 5 (until all coins are produced)	Monthly growth of 3% of the original base

* After the mining pool is opened, AIS will be produced every day, and all AIS produced but not allocated will be destroyed on the same day.

II. AIS NFT

AIS's physical asset NFT - AIS NFT, represents direct ownership of the physical assets stored in the public chain vault. Holders of AIS NFT can redeem physical assets such as gold, jewelry, cars, houses, artworks, etc.at any time. The physical assets in the public chain vault are audited quarterly by the AIS Foundation. In this way, AIS provides investors with a simpler way to trade physical assets.

AIS NFT is issued based on the Web3 protocol. Each AIS NFT contains ownership certificates, casting information, images, descriptions, certificates, specifications and storage certificates of the underlying physical assets. All data and information are completely stored on the chain.

In summary, AIS NFT has the following characteristics.

- Secure custody: AIS has established a secure custody system to store physical assets such as gold, jewelry, cars, houses and artworks.

- Asset digitization: After physical assets are safely stored, AIS issues NFT through the Web3 protocol, preliminarily achieving the digitization of physical assets.

- Escrow verification: In order to maintain authenticity and trust, AIS has implemented an escrow verification mechanism to conduct regular audits and verifications to ensure that the user's physical assets are consistent with the NFT.

- Redemption at any time: NFT holders can redeem physical assets at any time.

2. AIS Panoramic Ecology

AIS provides not only financial solutions for high-quality projects around the world through RWA, but also traffic solutions and subsequent continuous incubation services.

Financial solution: By establishing a complete RWA business ecosystem for the real industry, we help global high-quality enterprises obtain financial support at the lowest cost, help users participate in various financial activities in a more equitable way, and open up the upstream, midstream and downstream industry chain of the real industry transformed by RWA.

Traffic solution: Integrate the Byzantine traffic system, direct sales enterprise resources, and inscription ecological resources to provide an international traffic platform for global entities and provide users with more comprehensive and higher-quality investment projects.

More incubation services: Give full play to the advantages of high-end intelligent information technology to provide project parties and individual investors with more convenient digital tools, including AI intelligent operations (AI image and text generation, AI video generation) to solve operation and promotion problems, and AIS token fully integrates the upstream, midstream and downstream resources of global consumer products, and uses AI intelligent investment and financing tools to help individual investors manage personal assets more conveniently.

III. AIS Technology Architecture

The principle of AIS industrial value rights and physical asset NFT is consistent. In essence, it is to convert the value of the physical industry into NFT. The foundation of the project is set by AIS NFT, and the AIS platform will provide NFTs and respective certificates to guarantee ownership of corporate uploaded warrants and physical assets. NFT is based on the Web3 public chain protocol. The owner of AIS NFT or AIS interacts with AIS NFT and AIS exchange page through the AIS exchange page front-end to exchange between AIS NFT and AIS. NFT is subject to KYC regulations, and any transaction requires approval from KYC suppliers.

AIS runs entirely on the Web3 public chain. The core is provided by the AIS exchange page, an interface that allows users to exchange between AIS NFTs and AIS. It provides a resource manager for AIS to easily track and verify transactions on the AIS ledger.

The advantages of using Web3 public chain protocol

It is strategic to run AIS entirely on the Web3 public chain protocol, which provides several significant benefits:

The decentralized and secure blockchain protocol provides a highly decentralized infrastructure, ensuring that AIS runs on a platform that is not controlled by any project, and KYC is only required it involves AIS NFTs. When trading AIS NFTs or exchanging between AIS NFTs and AISs, any interaction with the basic AIS does not require KYC.

Interoperability and cross chain functionality promote seamless interoperability with other blockchain networks. This feature is particularly beneficial for AIS as it is designed to be cross chain, enabling wider access and liquidity across different blockchain ecosystems.

Compared to traditional blockchain platforms, the cost and efficiency reduction running on Web3 can significantly reduce the transaction costs. This efficiency is crucial for maintaining the feasibility of micro trading in the physical asset trading ecosystem.

The open and transparent nature of the transparency and trust public chain is consistent with AIS's goal of providing a transparent and trustworthy platform. Users can verify the authenticity of transactions and their investments, enhancing trust in the system.

With the advantages of Web3 public chain protocol, AIS will provide a robust, scalable and secure platform to integrate physical assets with the digital financial ecosystem while ensuring transparency, efficiency and compliance with regulatory standards.

IV. AIS Governance Mechanism

This project is supported by Web3 public chain protocol, ensuring decentralized governance and security, transparency, and 100% on chain transactions. As a decentralized autonomous organization (DAO), AIS DAO is implemented by a public chain service system and jointly governed by the AIS Foundation and DAO organization, allowing stakeholders to participate in decision-making and benefit from the growth of the ecosystem.

Users have various motivations to participate in the community and can benefit in different ways:

● Actively participate in the development of real industry RWA by participating in governance, proposing initiatives, voting on proposals and guiding projects towards a successful future.

● Earn rewards by participating in governance work.

● The funds raised through the community will be used for various activities to ensure the successful progress of the project:

● Remind developers to maintain the current project and advance future stages.

● Invest in marketing and product growth.

- Pay for third-party services, such as token lists, future code audits, etc.

V. Multi-dimensional Value of AIS

1. Stimulate the digital value of physical assets

When blockchain technology collides with physical assets, AIS emerged as the times require. AIS NFT corresponds to one-to-one ownership of physical assets such as gold, diamonds, cars, houses, etc. The physical assets corresponding to these NFTs are securely stored in the vault on the AIS chain. Each AIS NFT is not only a numerical symbol, but also a one-on-one ownership of the global physical industry.

2. Revitalize the gold and jewelry in the hands of users

The value of physical assets should not be limited to being locked in the safe. AIS will comprehensively enhance the liquidity value of physical assets and transform AIS NFT into a homogeneous token AIS. AIS is a digital asset based on physical assets, marking the release of the full potential of physical assets. Take gold as an example: Every gram of gold and jewelry can be exchanged for 100 AIS tokens, and other physical assets of different values will also be exchanged for tokens of the same value. This no longer just represents ownership, it involves unlimited redemption and payment possibilities, while the physical assets are securely stored in the on-chain vault. Can you understand the

significance of its innovation? Anyone who owns a smartphone can use AIS as a payment tool or value storage tool. In other words, we can escape the inflationary currency and the monopolistic banking system and its intermediaries.

3. Real physical assets serve as the backbone of economic circulation

The nature of AIS physical assets as a tradable commodity has become crucial, because AIS is based on the value of the US dollar and has application potential beyond the US dollar, potentially breaking the dominance of the US dollar and becoming a globally recognized and circulating digital currency.

4. Address the financing demands of the global real industries

AIS has built an innovative digital ecosystem for real industries, providing funds for real-world assets through encrypted investors, utilizing the liquidity pool of industry value warrants to provide new sources of funding for the gold and jewelry industry, simplifying the financing experience of accounts receivable for gold and jewelry industry enterprises, and becoming the preferred platform to meet the financing demands of the real industries.

VI. AIS Technology Laboratory

AIS has established a physical industry RWA technology laboratory in Silicon Valley, USA, which is responsible for the management of AIS RWA technology R&D direction, technology development, underlying interface technology development, open source code maintenance, and external technology publicity.

In the future, AIS Technology Laboratory will continue to strengthen measures for cultivating and introducing digital talents, provide opportunities for the long-term development of AIS to cultivate and introduce digital talents, and enhance the ability of gold and jewelry enterprises to achieve RWA.

Core member of AIS Technology Laboratory

Vaish Lubin: Master of Finance from the London School of Economics and Political Science, and later went to Princeton University to pursue a PhD in Finance, with significant achievements in the field of finance. With the advent of the Web3 era and the rise of blockchain technology, Vaish Lubin, during his doctoral studies, relied on his keen sense of the times and the market, started to focus on learning computer programming and

researching related knowledge about blockchain. After graduation, he even pursued a diversified career.

In Vaish Lubin' s career, he gradually discovered the development shortcomings of the existing real industry, and also realized that the connection and development between blockchain technology and the gold industry may rely on rich and professional financial knowledge, as well as confidence in the future of blockchain in the Web3 era. Vaish Lubin joined the AIS and recruited like-minded partners worldwide.

Darry: During his career, Darry has worked for well-known companies such as Microsoft, Amazon, and JPMorgan Chase Bank. He has unique insights into blockchain technology and his rich work experience has cultivated Darry's abilities in company management, data analysis and business operation.

As the strategic development CMO of AIS-RWA, Darry is committed to promoting the deep integration of finance and blockchain technology, realizing the circulation of physical asset transactions on the chain, and enabling AIS to achieve RWA transparency, security, fairness and implementation.

VII. AIS Roadmap

2024Q2

Officially launch the AIS Project

AIS Global Launch Conference

Issue AIS TOKEN

2024Q4

Launch the AIS public chain platform

Launch AIS wallet

Global community construction

Launch AIS digital tokens on DEX

2025Q2

Launch DAPP related ecology

Open public chain, wallet, SWAP, code open source

2025Q4

Complete 10 Vietnamese entities for RWA

Complete 10 Southeast Asian entities for RWA

2026

RWA transformation of real estate entity industry on AIS chain

RWA transformation of entertainment entity industry on AIS chain

AIS

In the attractive era of WEB3
Explore the unknown,
cross the boundaries
Compose a prospective future for
the industry with infinite innovation