



D N A

The bridge of blockchain connecting the real world

DeFi2.0

RWA

Smart Customs

Project Background



Real World



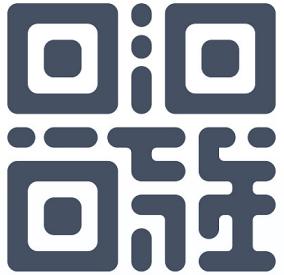
DNA



Blockchain

In recent years, due to the rise of blockchain technology, the traditional market is in the process of rejuvenation and digital transformation. The covered businesses include investment, collection, trading, exhibition, as well as appraisal and evaluation based on blockchain technology, financial derivatives services, etc. In the process of mapping the ownership of physical assets such as precious metals, artworks, cultural relics and luxury goods onto the blockchain and converting them into digital tokens, common mapping methods such as QR codes, barcodes, RFID, safety deposit boxes, etc., cannot effectively identify whether the real-world physical assets corresponding to the digital assets on the blockchain have been swapped or forged.

The Problem of "Traditional Digital Mapping"



- 1 A pair of null attacks: QR codes and RFID are damaged, and the blockchain loses track of them.
- 2 A pair of false attacks: On-chain assets do not match physical assets
- 3 Many-to-one attack: One physical asset corresponds to multiple on-chain assets
- 4 Physical assets are taken out of the safe deposit box, and the blockchain loses track of them.

DNA Intelligent Forensic Instrument



Principle

By using the independently developed portable "Intelligent Authentication Instrument" to collect unique microscopic images of the local area on the surface of items magnified by at least 180 times, upload them to IPFS for storage to obtain the ipns link, and then summarize the item information by the real-name authenticated public chain account to mint NFTs. During verification, first confirm the real-name information of the NFT minter, then take microscopic images of the same position and the same magnification of the item, and compare them with the microscopic images linked by the ipns in the NFT through artificial intelligence algorithms, in order to achieve a one-to-one, firm and reliable mapping relationship between digital assets on the chain and physical assets off the chain, and introduce the trillion-dollar market in the real world into the crypto market.

The Application of DNA



- Customs-related property management
- International exchange of cultural artworks
- Management of Detained Items at the Travel Inspection Site
- Supervision of Bonded Display and Trading of Artworks

- International Exhibition of Cultural Relics
- Transnational exhibition, transportation and storage
- The borrowing and transfer of museums from various places

- Solve the problem of difficult identification of anti-counterfeiting for ceramic products
- Provide a ceramic verification and traceability platform for enterprise and individual users

Our Advantages

Artificial intelligence algorithm

The artificial intelligence comparison algorithm jointly developed by Professor Cheng and computer vision experts from Fudan University.

Lower the entry threshold

Provide a visually friendly operation interface to lower the threshold for web2 users to enter web3.

Excellent tokenomics

By adopting the Vetoken mechanism, power will be more decentralized, and the token has practical application scenarios and usage demands.



Mature RWA ecosystem

There are now many mature RWA ecosystems, such as Anhui Zhongjattice, Société Générale, Centrifuge, Securitize, MarkDao, opensea, etc.

Digital empowerment

Bring massive liquidity, broad market opportunities and huge value creation to traditional industries.

Decentralization

Users do not need to rely on third parties. They can complete the information on-chain by themselves and have full control over their own data.

The Main Application of the Project



The awards obtained



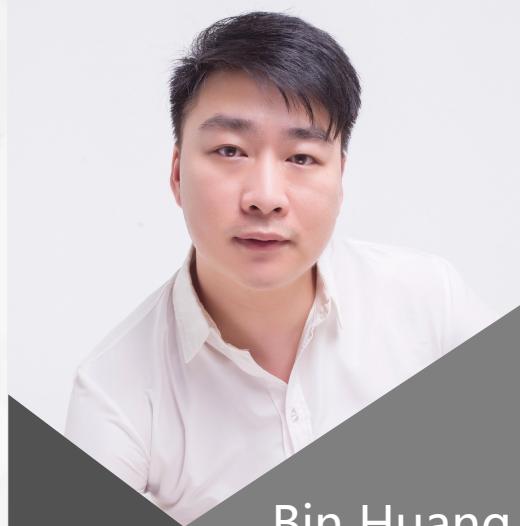
Team Introduction



Cheng Xien

Founder, Doctor of Science, Associate Professor, Master's Supervisor

In 2011, entered Fudan University to pursue a doctoral degree, specializing in the field of computer vision. Has been engaged in research and application work in machine vision, artificial intelligence, and blockchain technology for a long time, and is committed to the application research and practical implementation of blockchain technology in the development of industrial economy.



Bin Huang

Co-founder

Having 10 years of working experience in hardware equipment research and development, IT system architecture and management, and having been committed to the research and development of artificial intelligence and blockchain technology for a long time. Having rich experience in computer system design, product development and engineering project management.



WenLiu

Co-founder

An expert in the Internet industry, entered Huawei in 2010, a serial entrepreneur, entered the blockchain industry in 2016, founded the Interstellar Cloud Blockchain Company, developed public chains, digital wallets, smart contracts, blockchain exchanges and basic blockchain tools, and became a leader in the blockchain industry.

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