

*Identity and Credential in Web3 for*

- # Chip-level Blockchain
- # Smart Contract-on-Chip
- # Real Asset Tokenization
- # Web3 Crypto-asset

SMART CONTRACT DEMO



## Web3 Identity and Credential are important parts for securing real-world asset tokenization

Real Matter Technology Limited

is a Fintech company that envisions implementing chip-level blockchain identity technology and smart contract-on-chip credentials to facilitate real-world asset tokenization and provide verifiable solutions for Web3 crypto-asset SAAS platform :

**\* Chip-level Blockchain Identity Platform \***

unlocks the crypto-asset market for the general ID chip card users.

**\* Smart Contract-on-Chip Credential Platform \***

unlocks the web3.0 asset liquidity market for the crypto-asset service users

**\* Real World Asset Tokenization platform \***

unlocks the whole asset management market to the virtual world with crypto-asset

see PRODUCTS

# REAL MATTER

## # TOKENIZATION #

### Art Work Tokenization

Physical art creators, as asset investors, can cash out early before art sale through tokenization ;

Token owners, as art investors, can share the future profit from value-added by redemption through tokenization



### Real Estate Tokenization

Real estate owners, as asset investors, can mortgage the properties as collateral through tokenization ; Token owners, as value investors, can share the future profit from periodic mortgage payment by redemption through tokenization



### Copyright Tokenization

Copyright holders, as asset investors, can receive early return on investment through tokenization ;

Token owners, as copyright ownership investors, can share the licensing profit by time-locked redemption through tokenization



### Legal Token Redemption

Profit sharing brought about by tokenization is carried out through legal redemption procedures, and token investors can propose redemption for one time or in stages ; Token investors can alternatively retain ownership without redemption.



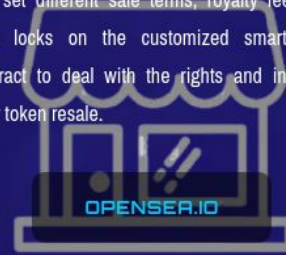
### Legal Verifiable Credential

Token investors can verify the identity and authority of the asset owner according to the Decentralized Identity (DID) authentication method on the Verifiable Credential. Verifiable Credentials are stored on an immutable blockchain, supporting legal contracts.



### Marketplace Agnostic

Token investors can buy and sell tokens on the general Ethereum marketplaces. Asset investors can set different sale terms, royalty fees and time locks on the customized smart legal contract to deal with the rights and interests after token resale.



## # TECHNOLOGIES #

### **Chip-level Blockchain Identity**

Assets on the blockchain are encrypted by public-private key pairs. Chip-level blockchain uses IC chips to store private keys and to process signatures, raising blockchain security and asset protection to the highest level.

Our chip technology provides the unhackable private key management for crypto wallets.

### **Multi-signature Recovery Key**

Crypto token assets are generally stored in a crypto wallet with a simple single key, and only one seed phrase is used to enable the key recovery.

Our chip-level blockchain technology enables token assets to be managed by multi-party users and multi-party signatures. Also, it is possible to use chip-level recovery keys if the master keys are lost.

### **Smart Legal Contract**

Smart contracts generally can only deal with a set of virtual blockchain address codes. The chip-level blockchain uses the real IC chip identity to link real assets and virtual things, and the smart contracts supporting legal contracts perform asset management.

Our smart legal contract technology enables real-life contracts to be executed on the blockchain and the metaverse.

### **Real-world Asset Tokenization**

Tokenization is not limited to NFT sales, but real-world asset investors can withdraw investment returns early through tokenization, and share any future benefits with token investors.

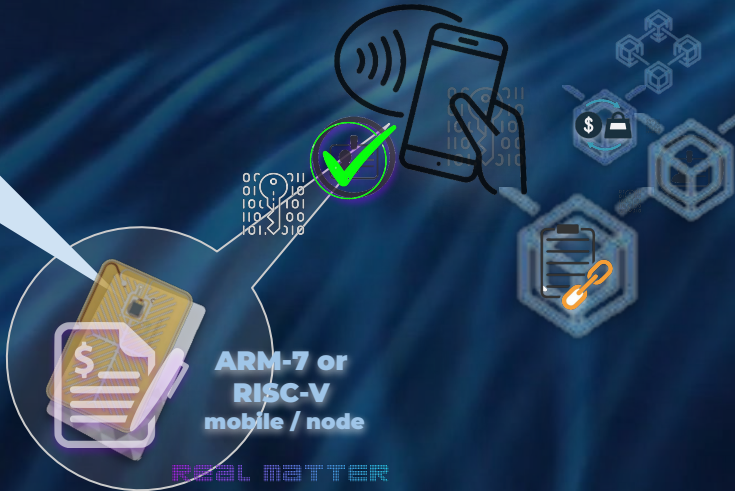
Our tokenization technology, including investor exit plan, protects the interests of both real-world asset investors and token investors

## # Chip-level Blockchain Identity



Chip-level Identity for decentralized ID

Wallet App as Gateway executes KYC Identity & AML credentials



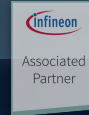
Smart Contract-on-chip for verifiable credential

### Chip-level Blockchain Identity

implements SECORA (Visa PayWave) chip to manage the private key and process signing via secure NFC and wired I2C communication protocols, in the form of a detachable SIM card

### Smart Contract-on-Chip

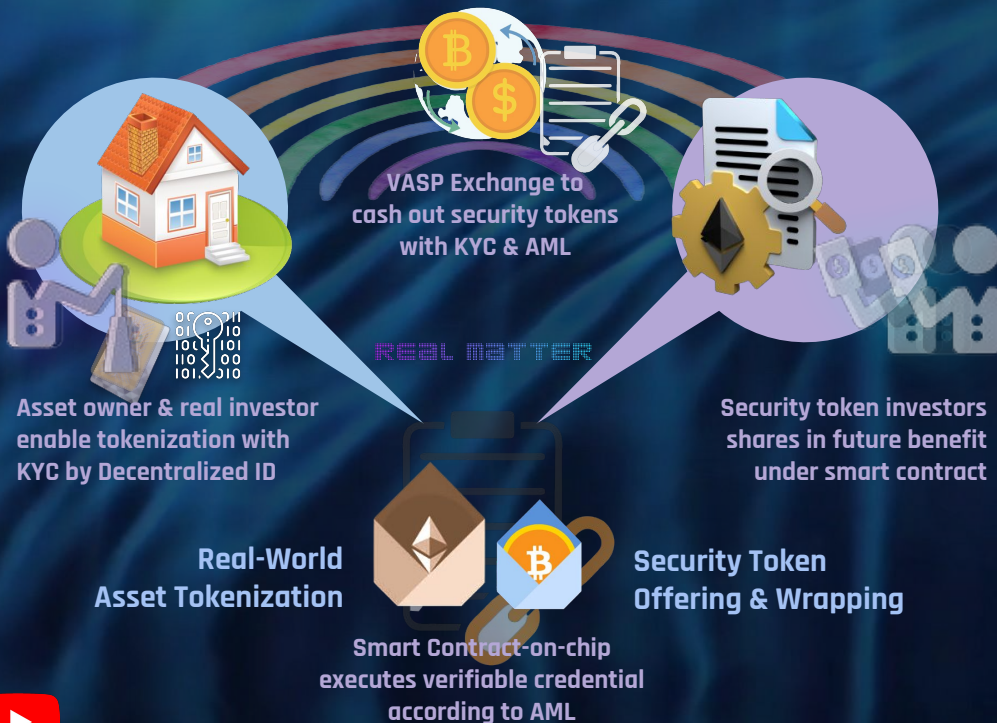
implements a microprocessor to facilitate a chip-level mobile blockchain node for executing verifiable credentials through smart contract



with Art Group Limited



## # Real-world Asset Tokenization



### ECDSA Cryptography

Financial regulations require real-world asset tokenization to adhere to KYC and AML compliance at every step, including identity authentication, ownership credentials, and trade and exchange.

Web3 asset tokenization on chip-level blockchain ensures security through end-to-end ECDSA cryptography and the use of unhackable chip identity and chip credentials.



Partner of Artwork Tokenization





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