

BLOG ARTICLE

ERC3643: The Token Standard For Real-World Assets (RWAs)



RWAs Are The Next Stage in the Blockchain Evolution

While price fluctuations of crypto and NFTs dominate headlines, the true potential of blockchain lies in its application to **RWA (real-world assets)** and securities

Private Markets involve Complexities and Inefficiencies

The main reason for this pitfall is the outdated and fragmented infrastructure of the current framework. Due to this limited infrastructure, the buying and selling process of **private assets** becomes inefficient. This leads to a significant **liquidity** discount and sometimes even the avoidance of transactions

The ERC3643 Standard Enhances Liquidity in Private Markets

- ✓ **Visibility:** Easier to find suitable counterparties
- ✓ **Transferability:** Assets can easily be transferred by the owners
- ✓ **Transparency:** All stakeholders can have a real-time view of the assets
- ✓ **Utility & Interoperability:** Assets can be used in DeFi ecosystem

Comparing Token Standards for RWA Tokenization

ERC3643

Permissioned
tokens for tracking
ownership and
programming
lifecycle
management
rules



Compliant

ERC721

Tokens are unique
and represent
ownership of
specific digital
assets



Not Compliant

ERC20

Permissionless
tokens defining
simple rules for
developers to
create tokens



Not Compliant

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