

ALGORAND STANDARD ASSET: Standardized Blockchain Asset with Customizable Options

KEY ATTRIBUTES & BENEFITS TO YOUR BUSINESS

Built into Algorand's Layer-1 Protocol that is:

-  Decentralized
-  Secure
-  Scalable

Taking advantage of the Network's:

-  Speed
-  Low Fees
-  Simple Asset Issuance
-  Universal Interoperability

Algorand's Standard Assets (ASAs) provide a standardized, Layer-1 mechanism to represent any type of asset on the Algorand blockchain. These can include fungible, non fungible, restricted fungible and restricted non fungible assets.

In today's economy, there remain many issues when it comes to the digitization of assets. These challenges include:

- ▶ Access to global, digital markets
- ▶ 24x7 transferability
- ▶ Instantaneous settlement
- ▶ Ease and enforceability of asset controls
- ▶ Efficiency of administration, such as compliance and reporting
- ▶ Ease and enforceability of asset controls

Asset tokenization on Algorand will solve these challenges and benefit from increased core security, simplified usage, and transaction finality on a high performance blockchain.

UNIQUE FUNCTIONALITY

Role Based Asset Control (RBAC): Optional and flexible asset controls for issuers and managers for business, compliance, and regulatory requirements. This includes:

- ▶ Quarantine asset accounts for investigative purposes
- ▶ Force transfer an asset where legal or other regulations require it
- ▶ Whitelist model for privileged asset transacting, which allows only specific addresses that have been approved to transact within a specific asset (all others will be restricted)
- ▶ Flexible asset reserve models for custom business requirements
- ▶ Off chain asset documentation included in on chain asset definition

User Protections: Asset spam protection that prevents unknown assets that may have tax, legal, or reputational risk from being sent to users without their explicit approval (users must opt-in to accept new assets).

DIFFERENTIATORS

- ASAs are incredibly fast and secure, as they are built directly into Algorand's Layer-1
- ASAs are low cost to execute, due to Algorand's miniscule transaction fees
- Easy and simple asset issuance for developers and enterprises
- Universal interoperability of all assets issued on Algorand

EXCITING USE-CASES

- Asset tokenization
- 3rd party asset issuance on Algorand
- Democratize access to investments
- Disintermediate cross border transactions

EXAMPLE ASSET TYPES

FUNGIBLE TOKENS	NON-FUNGIBLE TOKENS	RESTRICTED FUNGIBLE TOKENS	RESTRICTED NON-FUNGIBLE TOKENS
<ul style="list-style-type: none">• In Game Points	<ul style="list-style-type: none">• In Game Items	<ul style="list-style-type: none">• Securities	<ul style="list-style-type: none">• Real Estate
<ul style="list-style-type: none">• Stable Coins	<ul style="list-style-type: none">• Supply Chain	<ul style="list-style-type: none">• Gov't Issued Flat	<ul style="list-style-type: none">• Ownership Registries
<ul style="list-style-type: none">• Loyalty Points	<ul style="list-style-type: none">• Real Estate	<ul style="list-style-type: none">• Certifications	<ul style="list-style-type: none">• Regulatory Certifications
<ul style="list-style-type: none">• System Credits	<ul style="list-style-type: none">• Identity		
<ul style="list-style-type: none">• Cryptocurrencies	<ul style="list-style-type: none">• Certifications		
	<ul style="list-style-type: none">• Collectables		

To Learn more, contact us at algorand.com/contact

About Algorand Inc.

Algorand Inc. built the world's first open source, permissionless, pure proof-of-stake blockchain protocol for the next generation of financial products. This blockchain, the Algorand protocol, is the brainchild of Turing Award-winning cryptographer Silvio Micali. A technology company dedicated to removing friction from financial exchange, Algorand Inc. is powering the DeFi evolution by enabling the creation and exchange of value, building new financial tools and services, bringing assets on-chain and providing responsible privacy models. For more information, visit www.algorand.com