

Whitepaper

A7A5: Rouble Stablecoin Backed by Bank Deposits in Top-Tier Banks

This whitepaper introduces A7A5, a rouble-backed stablecoin, maintaining a 1:1 peg to the Russian Rouble. Fiat deposits in Roubles are held in top-tier banks with a correspondent network connected to Kyrgyz Republic and high overnight interest rates. A7A5 is committed to transparency: reserve reports are updated weekly, and independent firms conduct external audits quarterly ensuring full accountability and trust.

A7A5 generates revenue from the interest earnings and automatically distributes 50% of this income to all token holders at a random time each day when funds are received in bank deposits. No action is required from token holders to receive these distributions - just hold tokens in the wallet.

A7A5 leverages blockchain technology to provide users with direct exposure to the Russian Rouble. It enables various opportunities, including carry trade with other stablecoins and earning on providing liquidity on DeFi platforms such as Curve, Uniswap, and Convex.

A7A5 is issued under the newly adopted crypto regulations of Kyrgyzstan and is supported by the national government, ensuring regulatory clarity and institutional backing.

Kyrgyzstan has emerged as a regional leader in blockchain and cryptocurrency regulation with the introduction of its new crypto legislation. This groundbreaking framework provides:

Progressive Legal Reforms: Kyrgyzstan has enacted a series of forward-thinking laws to regulate cryptocurrencies effectively.

Breakthrough in Security: These laws represent a significant milestone in ensuring the safe issuance and circulation of digital assets within the country.

The adoption of this regulatory framework has positioned Kyrgyzstan as a hub for crypto innovation, and A7A5 is among the first tokens to benefit from this progressive legislation. The national government's support ensures trust and credibility for investors and partners alike.

A7A5 is a fully regulated token that has been issued in accordance with Kyrgyzstan's new legislation, providing an unparalleled level of trust and security.

Key Features

- **Asset Tokenization:** A7A5 represents a rouble-backed stablecoin, maintaining a 1:1 peg to the Russian Rouble.
- **Collateralization:** Each token is fully backed by fiat deposits, ensuring intrinsic value and price stability. To maintain stability, the platform employs mechanisms such as professional marketmaking and regular audits of the underlying fiat deposits.
- **Liquidity and Accessibility:** A7A5 will be available on top-tier centralized and decentralized exchanges, including a regulated centralized crypto exchange in Kyrgyzstan, ensuring high liquidity and accessibility for all types of users. It will be traded against the most liquid fiat and crypto assets, providing instant liquidity access to all A7A5 holders.
- **Smart Contracts:** Automated smart contracts manage asset transactions, income, and compliance protocols, reducing costs and increasing efficiency.
- **Income Distribution:** A7A5 automatically distributes 50% of its daily income to all token holders at a random time each day, requiring no action on their part.
- **Regulatory Compliance:** The A7A5 framework integrates Know Your Customer (KYC) and Anti-Money Laundering (AML) procedures, ensuring adherence to regional regulations. The token's compliance with Kyrgyzstan's newly adopted crypto regulations further enhances its legitimacy.
- **Transparency and Auditability:** A7A5 fiat reserves are subject to regular, independent audits to verify that each token is fully backed by fiat currency. Audit reports are published publicly for transparent verification of A7A5 reserve status.

A7A5 Tokenomics

A7A5 has simple tokenomics.

- **A7A5** is issued on two blockchains:
 - Tron (TRC-20), smart contract address:
TLeVfrdym8RoJreJ23dAGyfJDygRtiWKBZ [↗](#)
 - Ethereum (ERC-20), smart contract address:
0x6fa0be17e4bea2fcfa22ef89bf8ac9aab0ab0fc9 [↗](#)
 - **Deposit Allocation:** Deposits are held in top-tier banks with high overnight interest rates and with a correspondent network linked to Kyrgyzstan.
 - **Issue of New Tokens:** New A7A5 tokens are issued only upon receipt of fiat deposits. Each issued token is fully backed by real-world fiat assets and corresponds to a proportional value of the underlying fiat deposits, ensuring transparency and trust.
 - **Income Distribution:**
 - A7A5 automatically distributes **50% of its daily income to all token holders** at a random time each day, requiring **no action on their part**. Our smart contracts are designed to ensure seamless passive income—users do not need to stake tokens, claim rewards, or pay gas fees. Simply hold A7A5 tokens in your wallet or on partner exchanges, and % will be credited automatically.
 - The **remaining 50%** of the income is allocated to operational costs, marketing, project development, and the A7A5 project's revenue.
 - **Utility:** A7A5 is not just a token that is backed by fiat deposits and brings daily income, it has many other utilities, details in "Use Cases".
 - **Listings:** Token will be listed on centralized and decentralized exchanges, popular wallets.
 - **Smart-Contract Audits:** Smart-contracts have passed audits from [Deurity](#) [↗](#).
-

A7A5 token specification

- Programming language: Solidity
- Token standards: ERC-20, TRC-20
- List of functions:
 - Mint: Issue A7A5 tokens. New A7A5 tokens are issued only upon receipt of fiat deposits
 - Burn: Redeem A7A5 tokens
 - Approve: Standard function to grant access for spending A7A5 tokens
 - Transfer: Standard function for transferring A7A5 tokens
 - TransferFrom: Standard function to allow wallets with granted access to withdraw A7A5 tokens
 - Pause: Temporarily pause A7A5 token transfers
 - Unpause: Resume A7A5 token transfers
 - Blacklist: Freeze A7A5 tokens on a specific wallet address
 - RemoveBlacklist: Unfreeze A7A5 tokens on a specific wallet address
 - BurnBlackFunds: Burn frozen A7A5 tokens
 - SetParams: Set fees for A7A5 token transfers
- Roles:
 - Owner has access to the Mint, Burn, Pause, Unpause, and SetParams functions
 - Compliance has access to the Blacklist, RemoveBlacklist, and BurnBlackFunds

Is A7A5 a rebase (elastic) token?

A7A5 is a rebasing (elastic supply) token implemented using a mechanism that converts internal “shares” into user-visible balances via a global coefficient. Instead of storing balances directly, each address holds a number of shares, and the actual balance is calculated with the formula:

$$\text{balance} = (_ \text{shares}[\text{user}] * _ \text{totalLiquidity}) / _ \text{totalSupply}$$

When interest (or yield) is accrued via the distributeInterest function, only the `_totalLiquidity` is adjusted (increased or decreased), while `_totalSupply` (i.e., the total shares) remains unchanged. This results in an automatic rebase—every holder’s balance is proportionally updated. Additionally, the contract includes features such as transfer fees, a blacklist mechanism, and the ability to pause operations.

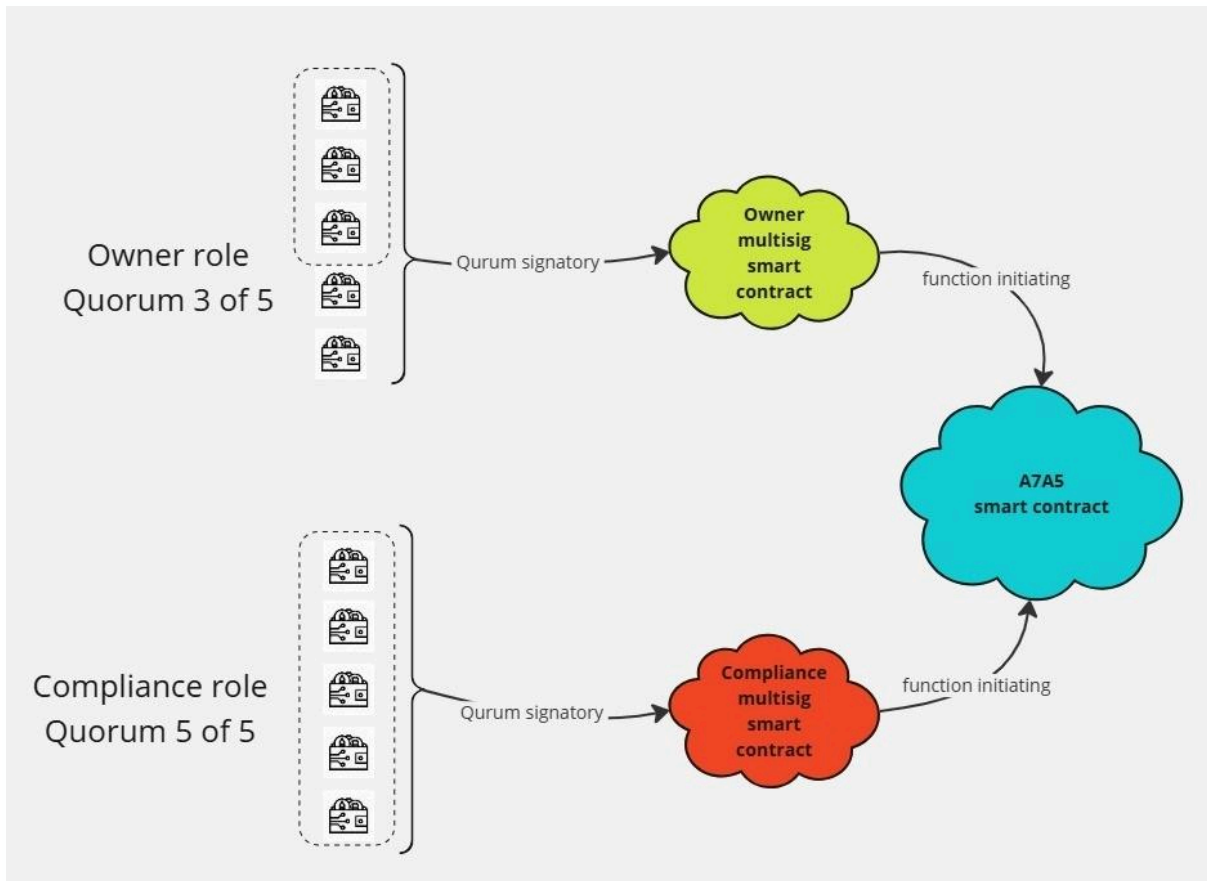
In simple words, A7A5 is a token that automatically adjusts users’ balances when interest is being added to every account. Instead of directly updating each balance, the system keeps an internal value (called “shares”) for each user, and the actual balance is computed using a special formula with a global coefficient. When interest is applied, that coefficient changes, so every balance increases proportionally. This mechanism is similar to what is seen in “rebasing tokens.”

Multisignature smart contracts specification

Owner - a dedicated multi-signature (3 of 5) smart contract. The smart contract has 5 signatories, 5 unique wallet addresses representing the quorum participants. To initiate any transaction calling the A7A5 function of the smart contract, which is accessible to the Owner role, 3 on-chain signatures from quorum participants are required. The quorum participants are the A7A5 project team.

Compliance - a dedicated multi-signature (5 of 5) address for the Compliance role is established. The smart contract has 5 signatories, 5 unique wallet addresses representing the quorum participants. To initiate any transaction calling the A7A5 function of the smart contract, which is accessible to the Compliance role, 5 on-chain signatures from quorum participants are required. The quorum participants are the A7A5 project team.

A7A5 smart-contracts ecosystem:



GitHub

<https://github.com/a7a5-defi/a7a5>

Use Cases

1. Tokenized Bank Deposits:

Each token represents a tokenized Russian Rouble, 1:1 parity with fiat. A7A5 enables fast transactions with the Russian Rouble while maintaining stability and real value. It can also be seamlessly used in various DeFi protocols without compromising its peg.

2. Daily Passive Income:

50% of the interest income from bank deposits is automatically distributed to token holders, eliminating the need for staking or any user actions—holders simply keep the token and receive their earnings.

3. Liquidity and Listings on Exchanges:

With listings on DEX and CEX, instant liquidity is created, forming a bridge between fiat and crypto.

4. Carry Trade Opportunities:

A7A5 will enable carry trade opportunities through trading pairs with USDT, USDC, DAI, and EUSD.

5. Integration with DeFi:

- **Lending and Borrowing:** The token can be used as collateral or for issuing loans on platforms like Aave, Compound, and Venus.
- **Liquidity Pools and Yield Farming:** Placing the token in liquidity pools on DEXs allows holders to earn rewards from trading fees.
- **Stablecoin Derivatives:** The ability to issue synthetic assets based on the token and use them in hedging and trading.

6. Other use cases in line with Kyrgyzstan's regulatory policies.

Transparency

We are committed to full transparency.

Each A7A5 token is fully backed 1:1 by Russian Rouble deposits, ensuring trust and stability.

We publish weekly reports on reserve breakdowns and plan to release quarterly auditor reviews on the Transparency page of our website.

Legal Framework

The issuer of the A7A5 token is Old Vector, a company registered in Kyrgyzstan (registration number 311479-3301-000).

The issuance of the A7A5 token by Old Vector is regulated in accordance with Kyrgyzstan's legislation.

Why Kyrgyzstan?

The decision to launch A7A5 in Kyrgyzstan was driven by its progressive regulatory framework, favorable environment for digital assets, and strong government support for the blockchain industry.

1. Government Support for the Crypto Industry

Kyrgyzstan is one of the few countries where government institutions actively develop and regulate digital assets. In 2025, the country launches the first state-owned cryptocurrency exchange, Coin National Exchange, with 100% of its shares owned by the Ministry of Finance. This step confirms the government's commitment to fostering a safe, transparent, and regulated ecosystem for digital assets.

Additionally, the Kyrgyz government is exploring the issuance of a national digital currency and tokenized government bonds, highlighting its readiness to integrate blockchain technology into the traditional financial system.

2. Clear Legal Framework for Tokens and Cryptocurrencies

Kyrgyzstan is one of the few countries in the region to adopt a dedicated **Law on Virtual Assets**, which:

- Officially regulates the issuance, storage, and circulation of digital assets.
- Establishes licensing requirements for crypto exchanges, exchanges, and mining companies.
- Defines rules for token issuance, ensuring legal protection for investors.

Unlike other countries where the legal status of cryptocurrencies remains uncertain, Kyrgyzstan provides clear regulations and transparent procedures.

3. The Ability to Issue a Fully Legal RWA Token

Under the existing legislation, both legal entities and individuals can issue virtual assets in Kyrgyzstan, provided they comply with regulatory requirements. This makes the country an ideal location for launching A7A5, as:

- **The token complies with local regulations** and can legally trade on regulated exchanges.
- **There is no risk of sudden regulatory bans**, as the government is already actively developing the industry.
- **Listing opportunities exist** on the first state-owned crypto exchange and other legal Kyrgyzstan and international exchanges, increasing the token's liquidity and accessibility.

4. Strong KYC/AML Compliance and Integration with the Traditional Financial System

Kyrgyzstan enforces strict KYC (Know Your Customer) and AML (Anti-Money Laundering) standards, which enhance trust in the project. As a result, A7A5 can seamlessly integrate with both crypto platforms and traditional financial institutions.

So, Kyrgyzstan provides a unique opportunity for the legal issuance and scaling of A7A5 tokens:

- The government actively supports blockchain industry development.
- A clear regulatory framework ensures legal protection for digital assets.
- Authorities are open to innovation and are expanding the digital economy.

All these factors make Kyrgyzstan the optimal jurisdiction for launching A7A5, providing a secure and legally sound foundation for the project's growth.

Information on the Risks

Investing in and utilizing A7A5 involves various risks that stakeholders should carefully consider. These risks are categorized into technological and economic aspects, each with specific implications.

- **Regulatory Risks:** Changes in regulations or policies in Kyrgyzstan or other jurisdictions may affect the operation and value of A7A5.
- **Market Volatility:** While backed by fiat deposits, fluctuations in the broader cryptocurrency or financial markets could impact investor sentiment and liquidity.
- **Custodial Risks:** Although trusted banks act as custodians, there is inherent risk associated with the management of fiat deposits, including potential operational or systemic failures.
- **Compliance with International Regulations:** The regulatory environment for cryptocurrency and blockchain technology is constantly evolving. A7A5 must adapt to new regulations, especially those concerning anti-money laundering

(AML), know your customer (KYC), and global crypto standards. Legal changes may require updates to operational structures, increased compliance costs, or the potential for delisting from certain platforms.

- **Liquidity Risks:** While efforts are made to ensure liquidity, there may be scenarios where market conditions or other factors limit the ability to trade or redeem tokens efficiently.
- **Smart Contract Vulnerabilities:** Despite rigorous testing, smart contracts may be subject to unforeseen vulnerabilities or exploits, potentially impacting token operations.
- **Volatility & Congestion:** The blockchain ecosystem is subject to rapid changes, which can affect transaction costs and processing times. For instance, during periods of high demand, network congestion can lead to increased fees and delays.

Investors are encouraged to conduct their own due diligence and assess their risk tolerance before investing in A7A5.

Official links:

Website <https://a7a5.io/>

X / Twitter: <https://x.com/A7A5official>

Telegram EN: <https://t.me/A7A5official>