



# TONGTONG COIN

WHITE PAPER



Version 4.0  
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# White Paper

— TomatoChain Mainnet and TongTong Coin Digital Asset —

Version 4.0 (English)

April 2026

Issuer: Tomato Inc. (Republic of Korea)

## Overview

TomatoChain is a blockchain mainnet built as an Avalanche L1. TongTong Coin (TTC) is the native digital asset of the TomatoChain mainnet, and its issuer is Tomato Inc., a corporation based in the Republic of Korea.

This white paper covers (i) the network architecture of the TomatoChain mainnet, (ii) the characteristics, current uses, and tokenomics of the TongTong Coin (TTC) digital asset, and (iii) the surrounding service ecosystem of the Tomato Group.

The TomatoChain ecosystem aims to provide transparent rewards to users for their participation and contribution across various Tomato Group services. Such rewards may take the form of TongTong Coin (TTC) as well as points (TTR) and coupons (TTCO), each with distinct characteristics. The nature and intended use of each asset are clearly distinguished within this white paper.

In this white paper, the term “digital asset” refers solely to TongTong Coin (TTC). TTR and TTCO are not digital assets; they are points and coupons, respectively, issued and managed in accordance with the terms of use of the relevant Tomato Group services.

## Disclaimer

- This document is a conceptual paper (white paper) describing the TomatoChain mainnet and the TongTong Coin digital asset. It is subject to modification or replacement at any time.
- The purpose of this white paper is to provide information on the platform, its background, and its mode of operation to parties interested in TomatoChain and TongTong Coin. It should not be construed as a solicitation to buy or sell.
- This white paper describes plans for the TomatoChain business and should not be understood as a guarantee of future realization. Any decisions made based on this document are the sole responsibility of the party making such decisions.
- No warranty is given as to the accuracy or completeness of the information, statements, opinions, or other matters contained herein or relating to the business, which may change as the company's business progresses. Accordingly, readers do not acquire any voting rights, dividend rights, or other shareholder-equivalent rights in the company behind the project.

# 1. TomatoChain (Mainnet)

## 1.1 Network Overview

TomatoChain is an independent blockchain network built as an Avalanche L1. Avalanche L1s operate with their own consensus rules and economic models, while still benefiting from the interoperability and security foundation of the broader Avalanche mainnet ecosystem.

TomatoChain is integrated with various services operated by the Tomato Group and serves as the underlying infrastructure for reward distribution and ecosystem operations tied to user activity.

## 1.2 Consensus Algorithm

TomatoChain adopts Proof of Authority (PoA) as its consensus algorithm. Under PoA, pre-vetted and trusted node operators (Authorities) participate in block production and validation, enabling stable network operation and efficient transaction processing.

## 1.3 Native and Gas Token

The native and gas token of TomatoChain is TongTong Coin (TTC). All transaction fees (gas costs) within the network are paid in TTC, meaning that TTC is an essential resource for the operation of the TomatoChain mainnet.

## 2. TongTong Coin (TTC) — Digital Asset

### 2.1 Overview

TongTong Coin (TTC) is the native digital asset of the TomatoChain mainnet.

#### Basic Information

- Name: TongTong Coin
- Symbol: TTC
- Issuer: Tomato Inc. (a corporation based in the Republic of Korea)
- Classification: Digital asset
- Mainnet: TomatoChain (Avalanche L1-based)

#### Current Uses

As of the date of this white paper, the uses of TongTong Coin are limited to the following:

- Use as the native and gas token of the TomatoChain mainnet
- Rewards for user activity within the Tomato Group service ecosystem

TongTong Coin (TTC) is not currently used as a means of payment for goods or services. Any future use for payment purposes will be separately reviewed and publicly announced, subject to changes in applicable laws and the regulatory environment.

### 2.2 Network Deployment

TongTong Coin uses the TomatoChain mainnet (L1) as its canonical issuance chain. In addition, TTC is deployed on the Avalanche C-Chain as an ERC-20 token, primarily to support centralized exchange (CEX) listings and external liquidity.

- Home chain (L1): TomatoChain. The canonical issuance chain for TongTong Coin and the center of network operations.
- External chain (C-Chain): Avalanche C-Chain. TTC is deployed as an ERC-20 token, primarily used for exchange listings and external liquidity.

#### C-Chain TTC Contract

- Network: Avalanche C-Chain
- Standard: ERC-20

Contract address: 0xd4b75398bF99d84fEBf79DB4D05D0951b51159c3

## 2.3 Bidirectional Movement via Avalanche ICM

Transfers of TongTong Coin between TomatoChain L1 and Avalanche C-Chain are performed through Avalanche ICM (Interchain Messaging). ICM is the official protocol for secure message delivery between chains within the Avalanche ecosystem, enabling trust-based cross-chain asset movement.

### L1 → C-Chain

When a user moves TTC from the home chain (L1) to the C-Chain, the corresponding TTC on L1 is not burned but instead deposited in a dedicated lock contract. Simultaneously, the same amount of ERC-20 TTC is minted on the C-Chain in response to the ICM message and delivered to the user.

### C-Chain → L1

Conversely, when ERC-20 TTC on the C-Chain is moved to L1, the corresponding TTC on the C-Chain is burned. At the same time, the same amount of TTC is released from the L1 lock contract in response to the ICM message and delivered to the user.

This design preserves L1 as the canonical home chain for TongTong Coin while enabling the C-Chain to serve external circulation purposes. In both directions, total supply remains consistent without any risk of double issuance.

### 3. Tokenomics

#### 3.1 Total Supply

The total supply (maximum circulating amount) of TongTong Coin (TTC) is fixed at 1,000,000,000 (one billion) and remains unchanged following the transition to the Avalanche-based mainnet. TomatoChain maintains a policy of avoiding excessive airdrops in order to mitigate market impact.

#### 3.2 Issuance and Network History

The issuance and network structure history of TongTong Coin is as follows:

- June 2018 — Tomato Inc. initially issued 10,000,000,000 (10 billion) TongTong Coin (TTC) on its proprietary blockchain, “TTChain”.
- April 28, 2020 — 9,000,000,000 TTC, representing 90% of the total issued supply, were burned, adjusting the outstanding total supply to 1,000,000,000.
- 2025 — Multichain expansion onto the Solana network in order to enhance trading liquidity.
- 2026 (planned) — Network transition to the Avalanche-based TomatoChain L1 mainnet. All TTC previously issued on the legacy TTChain and Solana networks will be fully burned, consolidating TTC circulation onto TomatoChain L1 (native) and Avalanche C-Chain (ERC-20).

Holders of legacy TTChain or Solana TTC will be able to migrate their holdings to the new networks via the migration feature of TomatoWallet. The detailed schedule and procedure will be announced separately.

#### 3.3 Lockup Release Plan

The non-circulating supply of TongTong Coin is scheduled to be released in stages over five years, from 2028 to 2032. Lockup management is conducted in a unified manner on TomatoChain L1.

Category	Amount (TTC)
<b>Current circulation</b>	161,521,405
2028 release	168,000,000
2029 release	168,000,000
2030 release	168,000,000
2031 release	168,000,000

Category	Amount (TTC)
2032 release	166,478,595
<b>Cumulative (total supply)</b>	<b>1,000,000,000</b>

### Notes

- Lockup management is conducted in a unified manner on TomatoChain L1.
- A lockup release does not necessarily imply a sale by the foundation.
- In the event that the plan must be modified under exceptional circumstances, such changes will be made only after prior consultation with relevant exchanges and prior notice to users, as a matter of principle.
- Amounts deposited in the L1 lock contract during L1 ↔ C-Chain movements are treated as already in circulation and are managed separately from the lockup release schedule above.

### 3.4 Tomato Group Executives and Employees

Executives and employees of the Tomato Group are granted TongTong Coin options equivalent to three months of their individual salary. Options may be purchased at a fixed TTC strike price of KRW 100. Where an individual's salary increases, additional options may be purchased to reflect the increment.

## 4. Ancillary Assets within Tomato Group Services

The TTR (TongTong Reward) and TTCO (TongTong Coupon) described in this chapter have characteristics fundamentally different from TongTong Coin (TTC). Neither TTR nor TTCO is a digital asset; they are, respectively, reward points and discount coupons, issued and managed within Tomato Group services in accordance with the applicable terms of use. They are summarized below to support overall understanding of the TomatoChain ecosystem.

### 4.1 TTR (TongTong Reward) — Points

TTR (TongTong Reward) is a reward point granted to users in recognition of their participation and contribution within Tomato Group services. TTR is not a digital asset but a reward point, and is issued, used, and extinguished in accordance with the terms of use of the relevant Tomato Group services.

#### Key Features

- Granted as rewards for user activity such as content creation and community participation
- Recorded on the blockchain, ensuring transparency in issuance, transfer, and extinguishment
- Exchangeable for TongTong Coin (TTC) or TTCO through TomatoWallet
- Designed to respect user anonymity by minimizing personal data collection

#### Grant and Exchange Restrictions

In order to clearly preserve TTR's character as a reward point, TTR is operated under the following restrictions:

- TTR is granted solely as a reward for user participation and contribution within Tomato Group services.
- TTR is not available for purchase through any commercial channel and cannot be acquired in exchange for money (whether fiat currency such as KRW or any digital assets).
- While TTR may be exchanged for TongTong Coin (TTC) or TTCO through TomatoWallet, the reverse exchange — i.e., from TongTong Coin (TTC) or TTCO back into TTR — is not supported.

### 4.2 TTCO (TongTong Coupon) — Discount Coupons

TTCO (TongTong Coupon) is a coupon-type asset that enables users to access Tomato Group products and services at a discount. TTCO is not a digital asset but a discount coupon, and is issued, used, and extinguished in accordance with the terms of use of the relevant Tomato Group services.

## Key Features

- Issuance: Granted upon subscription to a paid recurring subscription service offered by the Tomato Group
- Acquisition: Obtained by exchanging TTR for TTCO through TomatoWallet
- Use: Applied to discounted usage of Tomato Group recurring subscription services and partner services
- Validity: Usable only within the applicable subscription term; expires upon termination of the term

## 5. Dapps

The TomatoChain ecosystem expands through dapps that connect with various services operated by the Tomato Group. As of this white paper, the main dapps directly integrated with TomatoChain and TongTong Coin are as follows.

### 5.1 TomatoWallet

TomatoWallet is a fully renewed digital asset wallet, redesigned from the previous TongTong Wallet. In addition to a refreshed user interface and experience, the wallet incorporates support for the Avalanche-based TomatoChain L1 and C-Chain networks, and integrates a migration feature that allows users to transfer TongTong Coin from legacy networks (the previous TTChain and Solana) to the new network environment.

#### Key Features

- Storage of TongTong Coin (TTC), TTR, TTCO, and major digital assets
- Migration of TTC from legacy networks (previous TTChain and Solana) to the Avalanche-based network
- ICM-based bidirectional transfers between TomatoChain L1 and Avalanche C-Chain
- One-way exchange from TTR to TongTong Coin (TTC) or TTCO (the reverse direction is not supported)
- Encrypted local storage of the private key, combined with security features such as biometric authentication

#### Security and Anonymity

TomatoWallet encrypts and stores the user's private key locally on the device, never transmitting it to an external server. Users retain full control over, and direct protection of, their own assets. Since no personal identification information is required to use the wallet, anonymity is preserved.

### 5.2 TongTong Messenger

TongTong Messenger is the P2P-based messaging platform of the Tomato Group. The server does not store messages; it merely relays them, while all conversations are transmitted via direct peer-to-peer (P2P) communication between devices. Encryption and decryption based on the user's private key occur only at the end device, ensuring that communications are protected even against interception on the network.

#### Key Features

- Security: AES256-based encryption blocks interception, and no conversation content is stored on the server
- Simplicity: Sign-up requires only a mobile phone number, with a familiar messenger interface
- Extensibility: Open architecture integrated with TomatoWallet, enabling peer-to-peer transfers of TongTong Coin (TTC) and TTR between friends

### 5.3 NewsTomato

NewsTomato is the Tomato Group's general news portal website (<https://www.newstomato.com>). It delivers coverage across politics, economy, industry, society, securities, and IT, among other areas.

#### Newtorang Community

The “Newtorang” community within NewsTomato is a user participation space where readers exchange views and discuss articles. Through community activity such as posting, commenting, and sharing, users may receive TTR as a reward, which can then be exchanged for TongTong Coin (TTC) or TTRCO through TomatoWallet.

- Newtorang Community: <https://www.newstomato.com/Newtorang/BoardList.aspx>

NewsTomato extends news consumption beyond a passive act of information retrieval into a content ecosystem grounded in user participation and reward. It is a dapp that directly embodies the Web3.0-oriented philosophy of TomatoChain, in which users derive value as contributors while simultaneously consuming content.

### 5.4 Stockong Pot

Stockong Pot is a live quiz broadcasting service produced through a collaboration between Tomato TV — the Tomato Group's broadcasting affiliate — and Stockong, a securities brokerage application with over 4 million cumulative downloads. Broadcasts are delivered within the Stockong application, combining Tomato TV's content production capabilities with Stockong's user base.

Users participate in Stockong Pot broadcasts in real time by answering quiz questions. Correct respondents and outstanding participants receive prizes in the form of TTRCO (TongTong Coupon) and TongTong Coin (TTC).

#### Key Features

- Collaboration structure: combines Tomato TV's broadcasting infrastructure with Stockong's user base (over 4 million cumulative downloads)
- Format: live quiz broadcasting within the Stockong application

**Tomato** Tomatochain

- Rewards: prizes paid in TTCO and TongTong Coin (TTC)
- Offers an accessible entry point into the TomatoChain ecosystem for users of existing financial content services