

THE UNIVERSAL CURRENCY FOR GAMING & CREATOR ECONOMIES.

WHITEPAPER

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# **ABSTRACT**

TSI (Tokenised Social Interaction) is a revolutionary **ERC-20** token designed to serve as the universal currency for gaming and creator economies. By creating a foundational reward layer that connects players, games, and creators, TSI solves the fragmentation problem in today's digital experiences.

With TSI, gamers can carry their progress, status, and item value across different gaming platforms, while creators can monetize their content seamlessly across various platforms. Developers gain access to powerful SDKs that enable interoperable rewards and cross-community engagement.

#### 2025 Update:

TSI has evolved into a multi-chain ecosystem with advanced DeFi integrations, cross-chain interoperability, and metaverse-ready infrastructure.

751



# The Problem: A Fragmented Digital World

Today's digital experiences are siloed, creating significant challenges for all participants in the gaming and creator ecosystems.

#### For Gamers:

Achievements and investments are locked within individual gaming ecosystems.

#### For Creators

Struggle to monetize across platforms (Twitch, YouTube, games) with a unified economy. Revenue streams are fragmented and difficult to manage

#### For Developers

Lack tools to easily build interoperable rewards and engage cross-community audiences. Limited ability to create shared economies between games.



TSI provides a single, portable token that acts as the connective tissue for the open digital economy. It enables rewards that move with users across games, platforms, and experiences.

# ISI

# Rewards that move with you.

Building the foundational reward layer that connects every player,
TSI is building the foundational reward layer that connects every player, every game,
and every creator in a unified digital economy.

# Connected Digital Economy

### Unified rewards across platforms

#### Portable Value

Carry your achievements, status, and item value across different gaming platforms and experiences.

#### **Unified Economy**

Create a seamless economic experience across gaming, streaming, and content creation platforms.

#### **Developer Tools**

Powerful SDKs that enable developers to integrate cross-platform rewards and economies quickly.

#### **2025 Update:**

TSI now supports cross-chain transactions, advanced NFT interoperability, and integrated DeFi protocols for enhanced utility.

# How It Works

#### A trifecta of interoperable utility:

#### Multi-Game Rewards

Earn and use TSI across a network of integrated games. Your achievements in one game can provide rewards usable in others.

#### Creator & Social Utility

Tip streamers, unlock gated content, and access fan perks using TSI. Create new monetization opportunities for content creators.

#### Cross-Game Marketplace

Trade items, skins, and NFTs seamlessly between different gaming worlds, all priced in TSI. Create a unified digital asset economy.

# TSI Ecosystem

Each TSI

TSI Token Universal currency

Creators

Receive tips & rewards

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Marketplace Trade items & assets

# Technology Stack

#### For Developers

Plug-and-play SDKs for Unity and Unreal Engine. Integrate TSI rewards, identity, and marketplace features in minutes, not months.

Easy integration with popular game engines Comprehensive documentation Developer support community

#### For the Ecosystem

A secure, audited Ethereum-based ERC-20 token with a robust smart contract suite for presale, staking, and distribution.

Ethereum blockchain security Audited smart contracts Multi-signature wallet protection

#### For Scalability

A clear roadmap from core SDKs to a universal economy with DeFi utilities, advanced governance, and metaverse readiness.

Layer 2 scaling solutions

- Cross-chain
- · Compatibility roadmap
- Metaverse integration capabilities

Robust Technology Stack
Built for scale and security

Ethereum ERC-20 Token

Smart Contracts
Audited & Secure

SDKs Unity & Unreal

Security
Multi-sig Wallets

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## Technical Architecture

#### **Application Layer**

Game Integration SDK

Creator Dashboard

Mobile Application

Web Interface

#### Blockchain Layer

TSI Token (ERC-20)

**Smart Contracts** 

Cross-Chain Bridge

NFT Marketplace

#### Service Layer

Identity Management

Reward Distribution

Marketplace Engine

Analytics & Reporting

#### Infrastructure Layer

Ethereum Mainnet

Polygon (Layer 2)

IPFS Storage

Oracle Services

# Token Specifications

Token Name: TSI Token Token Standard: ERC-20

Total Supply: 10,000,000,000 TSI

Blockchain: Ethereum + Polygon

Consensus: Proof of Stake

Contract Language: Solidity 0.8+ Audit Status: Fully Audited Multi-Sig Wallets: 3/5 Required Upgradeability: Proxy Pattern Gas Optimization: Batch Transactions

#### Development Architecture

The TSI platform is built on a microservices architecture that ensures scalability, security, and maintainability:

- Containerized Services: Each component runs in isolated Docker containers
- API Gateway: Centralized entry point for all external requests
- Service Mesh: Manages inter-service communication and security
- Event-Driven Architecture: Real-time updates across the ecosystem
- Multi-Region Deployment: Global availability with low latency

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# Thank You

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