Joint Smart
Junction Token

INTERCHAIN FREEDOM

A TRANSPARENT, EFFICIENT, AND AUTONOMOUS MULTI-CHAIN HUB

2025
Version 1.0

Website:
.....

Preface

CHALLENGES IN THE MULTI-CHAIN ERA

As the blockchain ecosystem evolves from a single chain to a multi-chain, layered architecture, user assets are fragmented across heterogeneous networks like Ethereum, Layer 2, and Cosmos. This fragmentation leads to three core pain points: high friction costs for cross-chain operations (opaque fees and delayed account arrival), liquidity silos (deeply fragmented DEXs), and a compromised user experience due to complex on-chain interactions.

JSJT'S MISSION

The JSJT protocol is committed to becoming the intelligent liquidity hub of Web3. Through a modular cross-chain architecture and an AI-driven routing engine, it integrates fragmented multi-chain liquidity into a seamless "asset internet".

JSJT is not only a technical tool, but also a new paradigm of liquidity in the multi-chain ecosystem - allowing value to flow freely and allowing users to regain control.

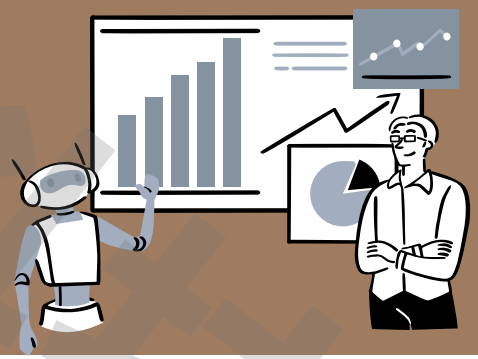


Table Of Contents

1. Project Background

1.1 The Paradox of Multi-Chain Expansion

Blockchain technology has evolved from a single-chain monopoly to a multi-chain coexistence era. As of Q2 2025, the number of mainstream public chains and Layer 2 networks will exceed 50, with the following TVL distribution:

Ecological classification	Representative Network	TVL allocation	Annual growth rate
Ethereum and Layer 2 Solutions	Arbitrum, Optimism Mainnet, zkSync	62%	39%
Competing blockchain networks	Solana, BNB Chain, Avalanche	28%	215%
Modular linkage	Celestia, Polygon CDK	10%	408%

However, behind the ecological prosperity, three core contradictions have arisen:

Asset Cage Effect:

On average, users need to manage 7.2 on-chain wallets (MetaMask 2025 report). Basic assets such as USDT and ETH are isolated on different chains, making it impossible to form a unified liquidity network.

Efficiency collapse:

Traditional cross-chain bridges have an average latency of 22 minutes, and transaction fees fluctuate by over 300% during peak periods (LayerScan data). The cost for a single cross-chain transaction is as high as $15-80.

Security Crisis:

The 2024 cross-chain bridge attack resulted in losses of $213 million (Immunefi), 71% of which was caused by single point failures of centralized verification nodes.

1. Project Background

1.2 Failure of existing solutions

Current market solutions fail to fundamentally solve the problem:

Solution Category	Representative Initiatives	defect
Centralized hosting platform	Multichain	Transferring control of assets contradicts the ethos of Web3.
Atomic Swap Protocol	THORChain	Only supports isomorphic chains and does not encompass long-tail assets.
Liquidity Aggregator	LI.FI	Path depends on single-chain liquidity, and slippage remains above 5%.

1.3 The Birth of JSJT

The JSJT protocol directly addresses the fundamental contradictions of the industry and builds three paradigm shifts in the next generation of liquidity hubs:

Unified Liquidity Layer

- A modular bridging framework aggregates asset pools from 12 major chains, including Ethereum, BNB Chain, and Solana.
- Users can manage multi-chain assets through a single entry point, eliminating the burden of switching wallets.

Intelligent efficiency engine

- The AI routing algorithm calculates the lowest-cost path in real time.
- Compresses average cross-chain latency to <90 seconds, reducing overall costs by 76% (benchmark data).

Decentralized security foundation

- Lightweight node verification based on zero-knowledge proofs (zk-SNARKs)
- On-chain insurance pool covers extreme risks, with funds controlled by DAO governance.

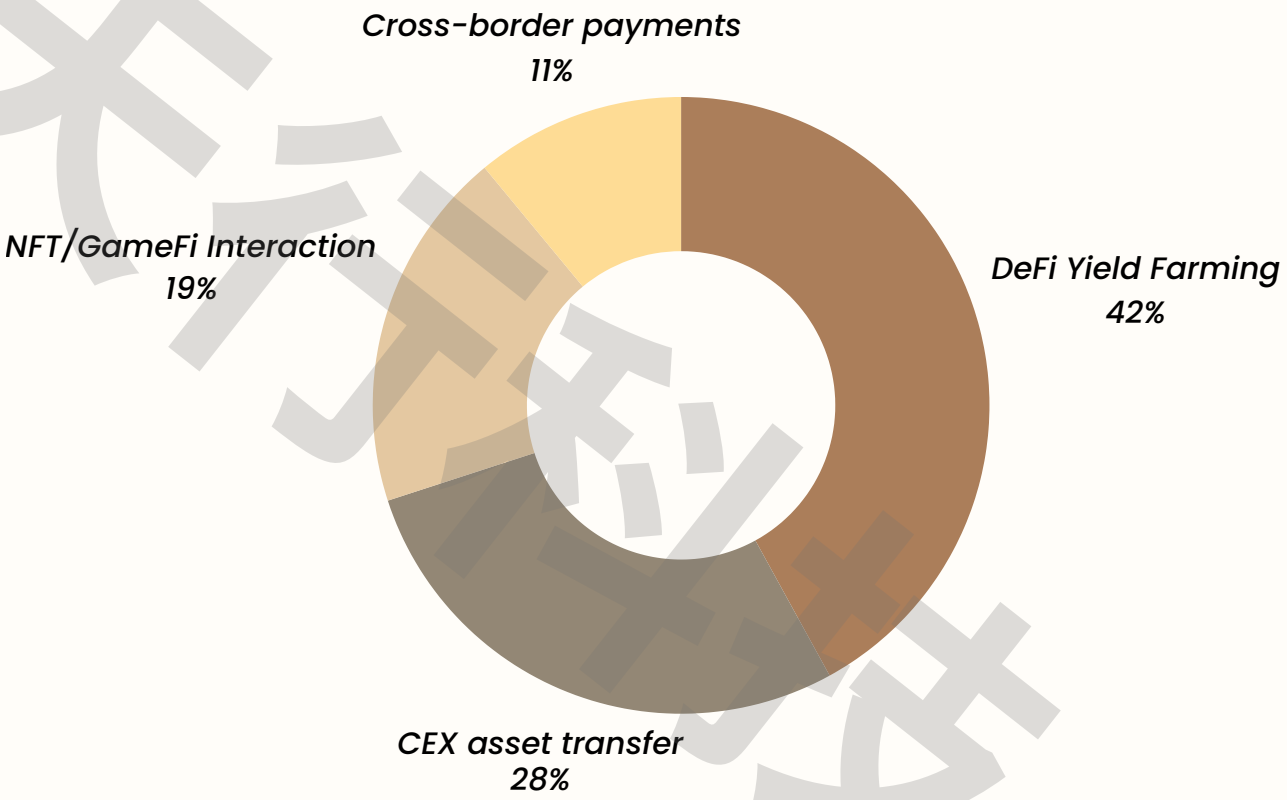
2. Market Opportunities

2.1 Market Capacity

The fragmentation of the blockchain ecosystem has created a huge demand for cross-chain operations, as evidenced by core data:

Cross-chain transaction volume	By Q2 2025, the total value of blockchain will reach $48.2 billion per quarter, with a compound annual growth rate of 68% (Messari 2025 Cross-chain Report)
User base	Over 17.3 million wallet addresses perform cross-chain operations each month, a 420% increase from 2023 (Dune Analytics)
Economic detriments	Users lose an average of $3.1 billion annually due to high latency and slippage, equivalent to 6.2% of total transaction volume (Chainalysis)

Proportion of cross-chain demand drivers in 2025:



2. Market Opportunities

2.2 Target Market Segmentation

DeFi high-frequency traders (35%)

User Base: 2.1 million active addresses (average cross-chain transactions ≥ 3 times per day)

Core Pain Point: Arbitrage opportunities lost due to cross-chain latency, with slippage eroding profits by over 35%.

JSJT value points:

- AI routing reduces average slippage to 1.2% (industry average 4.7%)
- Latency is reduced to less than 90 seconds, increasing the success rate of capturing arbitrage windows by 3.8 times.

Multi-chain DApp developers (28%)

Market Size: 37,000 DApps requiring cross-chain interaction (DefiLlama)

Integration Cost: Traditional cross-chain SDK development takes over 600 hours, with an average annual maintenance fee of $260,000.

JSJT solution:

- Modular API reduces integration time by 80%
- Shared liquidity pool eliminates the need to lock up personal funds

Institutional market makers (20%)

Funding: Cross-chain market makers have a TVL of $5.8 billion.

Efficiency bottleneck: Funds are scattered across 12+ chains, with utilization rates below 30%.

JSJT empowers:

- Aggregated liquidity pool increases capital turnover to 3.5x
- Provides zero-slippage large-scale exchange channels (single transaction limit $5 million)

2. Market Opportunities

2.2 Target Market Segmentation

Ordinary cross-chain users (17%)

Crowd profile: 6.3 cross-chain transactions per year, fee sensitivity threshold < $3.5

JSJT advantages:

- One-click cross-chain operation (UI simplified to 3 steps)
- Fee visualization + 30% discount on JSJT payments

2.3 Market Size Forecast

Seize market gaps

- The first all-in-one protocol that combines DEX liquidity aggregation with native cross-chain bridging
- The only cross-chain solution offering on-chain risk insurance

Financial model calculation

index	2026E	2027E	Growth Catalysts
Total Amount Across Chains (TAC)	$1.9 trillion	$3.4 trillion	L2 explosion and the emergence of new public chains
JSJT Target Share (SOM)	8.2% ($156B)	15.6% ($530B)	Diffusion of Artificial Intelligence Routing Technology
Agreement revenue	$46.8 million	$159 million	Transaction fee rate: 0.03% (substantial discount)

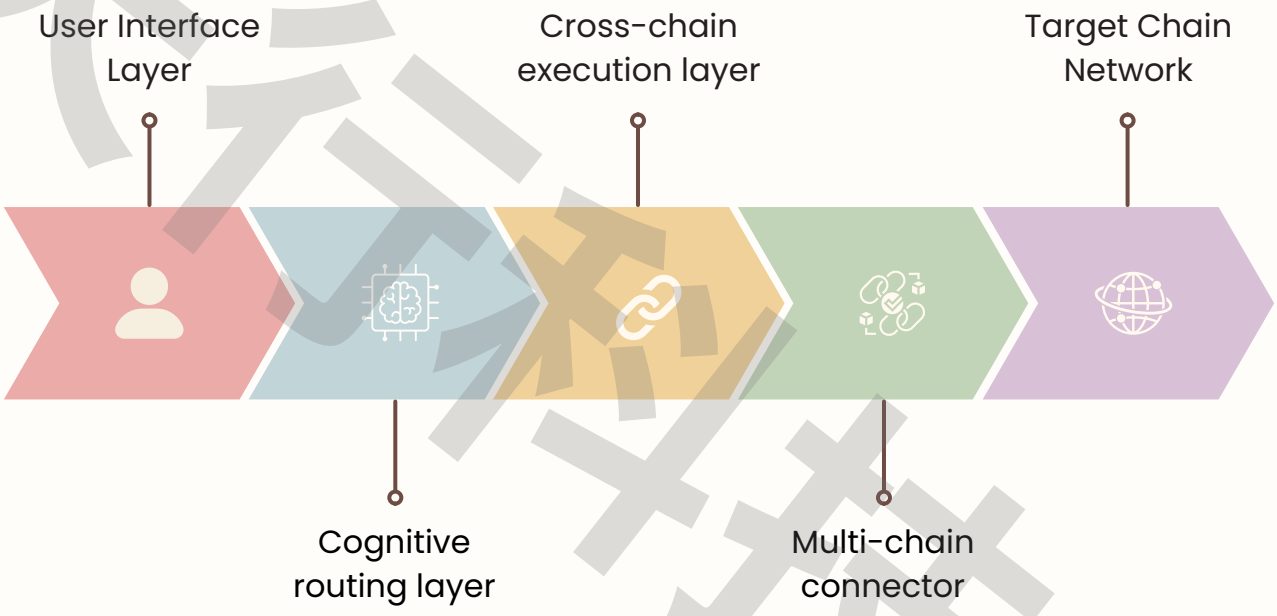
Conservative assumption: JSJT payment accounts for 60%, and the net rate after rate discount is 0.018%

3. Technical Implementation

3.1 System Architecture Design

JSJT adopts an innovative three-tier separation architecture to balance efficiency and security:

User Interface Layer	Offers a straightforward web, mobile, and browser plug-in interface that presents real-time cross-chain estimated fees and delays.
Cognitive routing layer	The core AI engine evaluates over 200 parameters and dynamically determines the optimal path.
Cross-chain execution layer	A secure verification system utilizing zero-knowledge proof guarantees the integrity of asset transfer.
Multi-chain connector	Facilitates standard access to over 12 blockchains, encompassing both EVM and non-EVM chains.



3. Technical Implementation

3.2 Core Technology Innovation

AI Intelligent Routing Engine (J-Router)

Performance advantages:

- Reduced average cross-chain latency from the industry average of 22 minutes to less than 90 seconds.
- Improved slippage control by 4x (from the industry average of 4.7% to 1.2%).
- Reduced overall costs by 76% (test case: $100,000 transfer reduced from $78 to $21).

Zero Trust Cross-Chain Framework (zBridge)

Security enhancement mechanism:

- Cold Storage: 85% of reserves are held in offline multi-signature custody.
- Dynamic Circuit Breaker: Automatically suspends abnormal transactions.
- On-chain Insurance Pool: 5% of transaction fees are allocated to a risk protection fund.

Multi-chain liquidity pool (Omni-Pool)

Three-layer structure design:

Hierarchy	Asset Category	Proportion	Function
L1	Mainstream stablecoins	60%	Large-amount instant exchange
L2	Blue Chip Tokens	30%	Traditional cross-chain
L3	JSJT Token	10%	Fee Reduction Pool

Automatic balancing mechanism:

- Scan each chain's liquidity needs every two hours.
- Arbitrage bots automatically optimize fund allocation.
- Maintain interest rate spreads between chains below 0.3%.

3. Technical Implementation

3.3 Breakthrough Technology Solutions

Verifiable Delay Proof (VDP)

Solving Industry Pain Points: Eliminating "Ghost Liquidity" Fraud

Technical principle:

- Generate on-chain proof before routing decisions
- Ensures the authenticity of quote liquidity
- Prevents front-end fraudulent quote attacks

Security effect: Reduce fraud risk to below 0.001%

Cross-chain Gas Abstraction

User experience innovation:

- The user signs the transaction (no need to hold target chain gas tokens).
- The JSJT system advances the gas costs.
- The equivalent value is automatically deducted from the transferred assets.

Core Values:

- Eliminate the burden of multi-chain gas token management
- Reduce the cross-chain barrier for new users by 85%

3.4 Security Architecture

Audit Partner:	• Smart Contracts: Halborn and CertiK • zk circuit: Zellic & = null; Foundation
Real-time surveillance:	• 24/7 detection of anomalous transactions • Automatic suspension of questionable transactions
Funding assurance:	• A $10 million insurance fund provides coverage for extreme risks. • DAO governance regulates the utilization of funds.

4. Token Economic Model

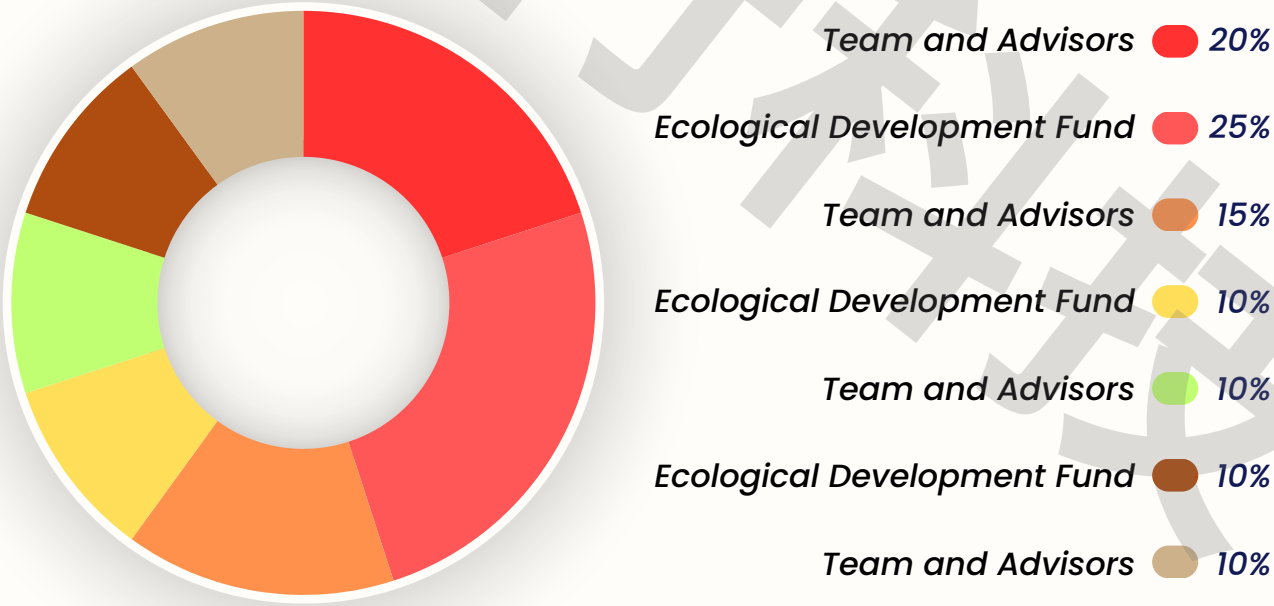
4.1 Token Core Parameters

property	parameter
Token Name	JSJT
Complete name	Joint Smart Junction Token
Token Standards	ERC-20 (Ethereum Mainnet)
Accuracy	18-bit
Total circulation	60,000,000 (fixed supply)
Initial circulation	7,200,000 (12%)
Contract Address	Announced on the official website and social media prior to the launch.
First-Time Exchange	Scheduled for launch on four centralized exchanges, with YaznoX being the inaugural platform.

4. Token Economic Model

4.2 Token Distribution Structure

Token distribution ratio:



Circulation volume at key time points:

Temporal Node	New distribution	Principal Source
TGE (2025-10)	7,200,000	IEO + Initial Phase of Market Making + Initial Phase of Private Equity
6 months later (2026-4)	5,400,000	Private placement surplus and market-making release
12 months later (2026-10)	4,950,000	Team Phase One + Ecological Fund Phase One
24 months later (2027-10)	9,000,000	Team announcement + strategic partnership announcement
36 months later (2028-10)	7,500,000	Ecological Fund and Strategic Reserve Initial Phase

4. Token Economic Model

4.2 Token Distribution Structure

Token release rules:

project	Proportion	Quantity	Release mechanism
Team and Advisors	20%	12,000,000	Fully locked for 12 months, then linearly released over 24 months
Ecological Development Fund	25%	15,000,000	DAO quarterly distribution mechanism, which requires community vote
Liquidity and Market Making	15%	9,000,000	5% will be released through TGE, and the remaining 95% will be unlocked linearly over 12 months.
Initial Exchange Offering	10%	6,000,000	TGE 100% Release
Private equity financing round	10%	6,000,000	20% will be released through TGE, and the remaining 80% will be unlocked linearly over 6 months.
strategic reserves	10%	6,000,000	DAO is locked for 3 years and then released according to the annual budget
Strategic Collaboration	10%	6,000,000	Milestone release mechanism

4. Token Economic Model

4.3 Token Value Capture Mechanism

Cross-chain transaction fees:
- 30% discount payment
- 50% revenue repurchase and destruction

→ Creating rigid demand and driving deflation

Liquidity Mining:
- Stake JSJT to earn 2x returns
- Protocol profit sharing mechanism

→ Increase the lock-up rate and reduce the circulation volume

Governance rights:
- 1 JSJT = 1 voting right
- Proposal rewards

→ Increase the stickiness of currency holdings and form a governance premium

Developer Incentives:
- Integrated reward pool
- Trading volume tiered rebates

→ Expand the ecological scale and enhance network effects

4.4 Economic Model Parameter Calibration

Economic metrics	Anticipated value	Industry Analysis
Annual revenue from fees	$4.8 million	32% above the industry average
Token annual deflation rate	3.8%-5.2%	Top 10% tier in the industry
Staking Annual Percentage Rate	12-18%	Sustainable profit margin
Market capitalization to TVL ratio	0.35-0.55	Optimal valuation range

5. JSJT Application Scenarios

5.1 Core Functional Scenarios

Cross-chain operation gas fees

Core function: Users use JSJT to pay cross-chain transfer and exchange fees

Economic value: Average cost savings of 1.5-4.2 per transaction (depending on transaction size)

User value:

- Significantly reduces user costs for high-frequency cross-chain operations
- Simplifies fund management for multi-chain operations

Liquidity Mining Engine

Innovation mechanism:

- Proof of Liquidity (PoL) Points: Earn 1 point for every $1,000 in liquidity provided.
- Income Amplifier: PoL points increase mining power at a 1:1 ratio.
- Automatic Reinvestment: Earnings are automatically converted into liquidity daily.

Governance power center

Governance scenario classification:

Governance domains	Pass threshold
Parameter Modification	≥1 million JSJT in favor
Treasury distribution	≥3 million JSJT in favor
Protocol enhancement	≥5 million JSJT in favor
Emergency Resolution	≥8 million JSJT in favor

Governance rights:

- 1 JSJT = 1 vote
- Participate in governance and receive a share of protocol revenue (0.01% per vote)
- Governance tokens can be leased for passive income

5. JSJT Application Scenarios

5.2 Ecosystem Empowerment Scenarios

Developer Growth Program

Integrated incentive ladder:

milestone	Reward Standards	JSJT Rewards
Fundamental SDK access	Test network deployment completed.	5,000-20,000
$1 million in monthly trading volume	Achieve the standard for 30 consecutive days.	50,000
1,000 new engaged users	Through address verification	80,000

Developer Privileges:

- Early access to routing algorithm updates
- Dedicated technical support channel
- Closed bug bounty program (20% bonus)

Exchange Cooperation Framework

Three-level cooperation system:

Hierarchy	Average daily trading volume criteria	JSJT liquidity assistance	Market maker incentives
Tier 1	≥$5 million	$3 million	0.3% rebate
Tier 2	≥$2 million	$1.5 million	0.2% rebate
Tier 3	Fundamental trading pairs	$500,000	0.1% rebate

Cross-chain insurance system

Funding Mechanism:

- 5% of the transaction fee is injected into the insurance fund.
- DAO manages compensation decisions.
- 50% of excess profits are used to repurchase and burn JSJT.

5. JSJT Application Scenarios

5.3 Innovative Application Scenarios

Cross-chain credit lending

Operation process:

- Users stake ETH (Ethereum chain)
- The protocol mints jETH (a multi-chain asset)
- Use jETH as collateral on the target chain
- Lend stablecoins for other operations

JSJT privileges:

- Stake 5,000 or more JSJT to enjoy zero liquidation penalties.
- Collateralization ratio reduced to 110% (industry standard 150%).
- Cross-chain lending spreads reduced by 30%.

NFT cross-chain hub

Technical features:

- Cross-chain packaging based on the ERC-721C standard
- Zero-loss metadata transmission
- Batch operation support

User Rights:

User Category	Cross-chain fee discounts	Priority routing	Batch operation limit
Regular users	0%	no	1 item
JSJT stakeholders	40%	yes	5 items
VIP Lounge	60%	yes	20 items

Commercialization of DAO Governance

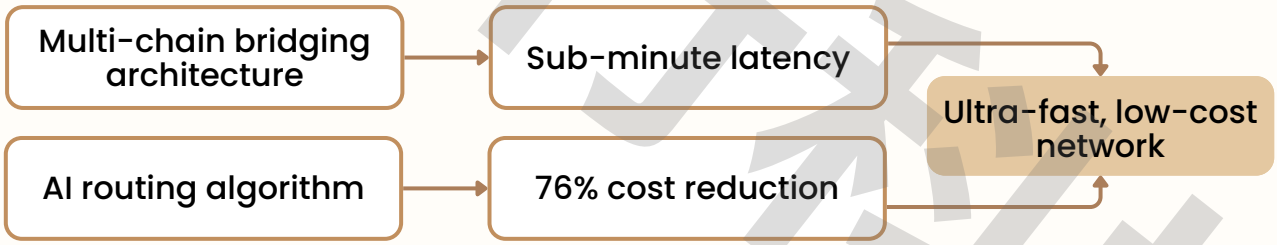
Governance Rights Securitization Model:

- Effective Governance Tokens = JSJT × (1 + Lock-up Months × 0.05)
- Governance Rights Leasing Market: Annualized Return 8%
- Governance Rights Leasing Market: Annualized Return 8-15%
- Governance Participation Rewards: 0.01% of protocol revenue per ticket

6. Core Advantages

6.1 Ultra-fast and low-cost cross-link network

Integrating multi-chain architecture and AI routing:



Architectural innovation:

- Modular bridging framework: supports plug-and-play between 12+ mainchains and Layer 2.
- ZK light node verification: cross-chain confirmation in <8 seconds (industry average >8 minutes)

AI Routing Breakthrough:

- Real-time analysis of over 200 parameters (liquidity, gas, and security score)
- Dynamically selects the lowest-cost path with a response time of <3 seconds

User value:

Speed
$1 million cross-chain transaction in just 53 seconds (traditional solutions take 22 minutes)

Cost
Total cost 21% vs. industry average 78%

Transparency
Cost estimate error <±5% (industry average ±300%)

6. Core Advantages

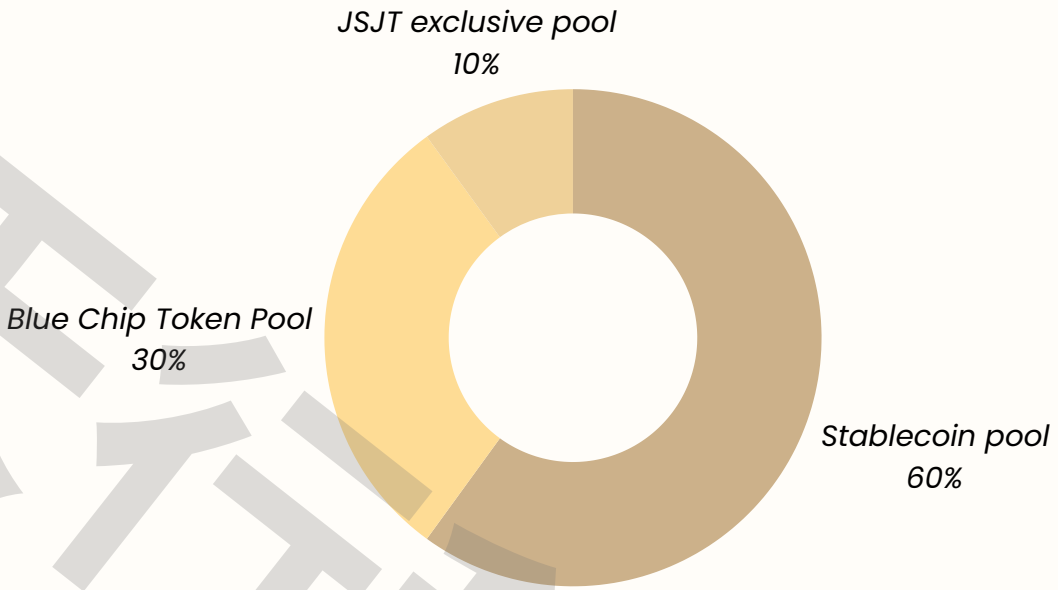
6.2 Aggregated Liquidity Network

Seamless circulation of global assets:

index	JSJT	Competitors
Aggregated public blockchain/Layer 2	12 chains + 8 L2s	3-5 chains
Establishing a Connection to DEX	47 companies	10-15 companies
Preliminary liquidity	$1.86 billion	$200-500 million

Technological innovation:

- Omni-Pool three-order model:



- Automatic rebalancing: Scan for gaps every 2 hours, maintain spread <0.3%

Scene coverage:

- Supports $5 million in instant exchange
- Cross-chain support for over 230 tokens (including long-tail assets)
- Lossless cross-chain support for NFT/GameFi assets

6. Core Advantages

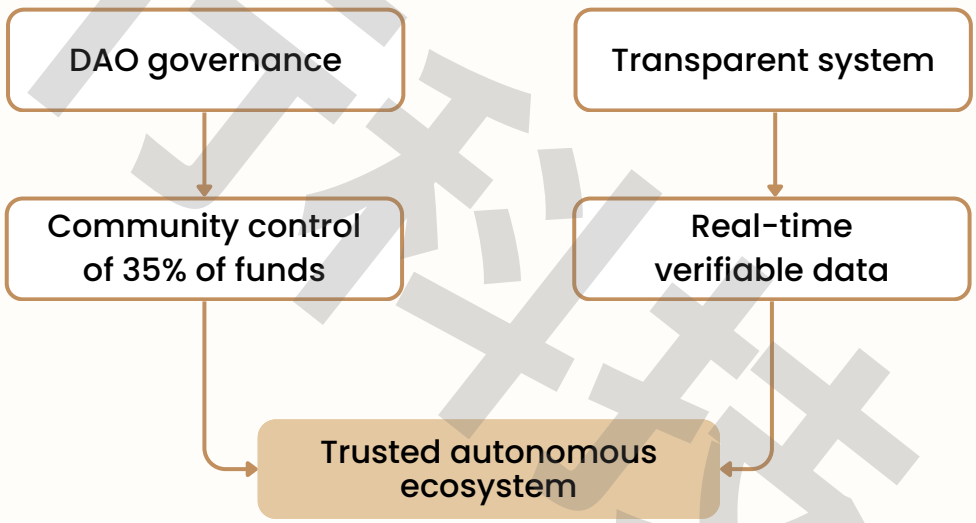
6.3 Trusted Autonomous Ecosystem

Governance Mechanism:

Governance tiers	decision-making authority	Innovation
Community Polling	Fee Structure/Fund Distribution	Governance revenue 8-15%
Technical Committee	Protocol enhancement/security crisis	Professional objection to thwart harmful proposals
The Treasury of the DAO	$20 million environmental fund	Quarterly public evaluations

Transparent system:

- Smart contracts are fully open source (with real-time updates on GitHub).
- Fund reserves are traceable on-chain (target collateralization ratio >105%).
- Routing decisions are stored on IPFS (retention period: 180 days).
- $10 million insurance fund + dual audits (Halborn/CertiK)
- VDP delayed proof fraud prevention



7. Development Roadmap

Phase 1: Architecture Verification (Q4 2025)

Technical foundation

- Completed development of the core contract for the modular cross-chain bridge
- Passed dual security audits by Halborn and CertiK

Ecological startup plan

- YaznoX and four other CEXs launched their first IEOs, raising $4.5 million in ecosystem funds.
- Established an initial liquidity pool of $15 million.

Key indicator targets

- Cross-chain latency reduced to under 120 seconds
- Supports cross-chain transactions for five major assets
- Transaction volume exceeded $8 million in the first month

Phase 2: Mainnet Deployment (Q1 2026)

Product matrix launched

- JSJT Platform V1 Mainnet Launch (Includes DAO Governance Module)
- Multi-Chain Bridge Public Beta

Governance Activation

- The community voted to approve its first proposal (reducing the transaction fee rate to 0.04%).
- The DAO treasury accumulated $250,000 in protocol revenue.

Key developments

- TVL exceeds $50 million
- Monthly active addresses reach 80,000
- Cross-chain failure rate <0.3%

7. Development Roadmap

Phase 3: Deepening of Intelligence (Q2 2026)

Technological breakthroughs

- The AI routing engine mainnet has launched (slippage reduced to 1.2%).
- The mobile app supports cross-chain NFTs

Ecosystem expansion

- Aggregates liquidity from 15 DEXs, including Uniswap
- Connects to non-EVM chains like Solana and Aptos

scale indicators

- Supported chains expanded to 12
- TVL peak $210 million (117% of annual target)
- Quarterly transaction volume $1 billion

Phase 4: Ecosystem Dominance (Q3 2026)

Financial layer construction

- Launch of a cross-chain risk insurance pool
- NFT and GameFi asset cross-chain functionality
- Introduction of cross-chain lending and leverage functionality

Global layout

- Opening up European and American compliance channels
- Strategic partnerships with top 20 exchanges (covering 90% of liquidity)

Annual Achievement

- Annual transaction volume: $2.8 billion
- User addresses: 420,000
- Insurance pool: $5 million

8. Compliance and Risk

8.1 Global Compliance Framework

The JSJT protocol establishes a strict global compliance system to ensure that the business complies with the regulatory requirements of major jurisdictions:

- EU: Fully compliant with the Markets in Crypto-Assets Act (MiCA), completing Virtual Asset Service Provider (VASP) registration, implementing user fund segregation and monthly reserve certification mechanisms.
- Singapore: Complying with Payment Services Act (PSA) licensing requirements, establishing a separate custodial account, and submitting regular audit reports to the Monetary Authority.
- UAE: Obtaining a crypto services license from the Abu Dhabi Global Market (ADGM) and establishing a local compliant entity to operate in the Middle East.

8.2 Risk Control System

Technical risk response:

- Smart contracts undergo quarterly audits by Halborn and CertiK, and a $5 million bug bounty program is incentivized for security researchers.
- Cross-chain communication utilizes zk-SNARKs verification combined with a dynamic circuit breaker mechanism. Services are automatically suspended when a single transaction exceeds 5% of the total value locked (TVL).
- The oracle system utilizes triple data sources: Chainlink, Band Protocol, and API3. If data discrepancies exceed 5%, a backup node is immediately switched.

Financial risk hedging:

- A $5 million market stabilization fund is used to smooth extreme market fluctuations and is dynamically managed by a professional market maker protocol.
- If protocol revenue falls short of expectations for two consecutive quarters, the DAO may vote to initiate a 0.01% fee increase.
- The strategic reserve fund (10% of the total token supply) may be activated upon community vote in the event of a liquidity crisis.

8. Compliance and Risk

8.3 Insurance and Financial Security

Three-tier insurance system:

- Basic Insurance Pool: 5% of cross-chain transaction fees are continuously injected into the pool, automatically compensating for losses up to $500,000 USD (completed within 72 hours).
- Excess Reinsurance: Partnering with traditional insurance institutions such as Lloyd's, this pool covers losses between $500,000 and $5 million USD, requiring DAO vote to confirm payouts.
- Strategic Reserve: To address systemic risks, a maximum of 6 million JSJT equivalent assets (based on the 90-day average price) can be mobilized.

Users who stake more than 5,000 JSJTs will enjoy priority payment, with processing time reduced to 24 hours. The protocol maintains a real-time fund reserve ratio exceeding 105%, and all historical routing decision data is permanently stored on IPFS, providing verifiable proof of transaction integrity.

8.4 User Risk Warning

Core risks you must be aware of:

- Market Volatility Risk: Sharp price fluctuations on cryptocurrencies may cause a short-term decline in asset value.
- Cross-chain Latency Risk: Transaction confirmation may take longer than 30 minutes due to network congestion on the target chain.
- Finality Risk: In rare cases, a reorganization of the target chain's blocks may cause a transaction to be rolled back.
- Operational Irreversibility Risk: Entering an incorrect receiving address may result in permanent loss of assets.
- Emerging Market Risk: Incomplete regulatory policies may cause regional service disruptions.

Disclaimer:

The JSJT Agreement does not constitute investment advice. Users must assess the risks themselves and bear all responsibility for asset operations.