

# Grungepaper

## The Voice Sovereignty Monetary System

"A digital sovereignty monetary network  
for cultural memory and creativity"

Tsar Studio - November 13, 2025  
[tsar.studiodesign@gmail.com](mailto:tsar.studiodesign@gmail.com)

### I. We Were Always Meant to Speak

The human voice was never designed to live only inside timelines, feeds, or corporate servers. Across history, communities have sung, painted, carved, and written their stories into walls, instruments, and streets.

In the digital era, expression often flows through a few centralized platforms. Moderation, commercial incentives, or shifting policies can make important voices disappear — not always out of malice, but because scale is hard, context is fragile, and culture is more complex than any algorithm.

TsarChain was created as a \*\*digital preservation system for cultural heritage and creativity\*\*.

It is built on one principle: \*\*The Voice Sovereignty\*\* — the right of communities and creators to keep their words, art, and stories durable in time, independent from any single institution, company, or platform.

### II. The Forgotten Voices

*"They call it noise. We call it culture." — Anonymous Graffiti Artist*

Look at the walls of our cities: full of paint, posters, stickers, tags. Some see vandalism. Others see the emotional archive of a neighborhood.

The same happens online. Accounts are closed, posts are removed, links disappear, and archives break. Sometimes this protects people from harm. Sometimes it quietly erases testimonies, subcultures, or local history.

TsarChain offers a different layer: a neutral technical system where \*\*voices can be preserved\*\*, not to fight any government, but to ensure that memories, artworks, and testimonies have a permanent home.

Every message, artwork, or piece of digital evidence that a community decides to preserve can live as data anchored to the blockchain — verifiable, timestamped, and resistant to loss.

Not because we want to ignore the law, but because we believe that \*\*history should be written by those who live it\*\*, while each participant remains responsible for following the legal frameworks of their own jurisdiction.

### III. The Chain of Preservation — How TsarChain Works

*"This is not magic. This is math. And math does not obey kings."*

TsarChain is a blockchain based on the UTXO (Unspent Transaction Output) model — the same foundational idea that made Bitcoin possible. But where classic systems store mainly economic value,

*TsarChain is designed to store both 'economic value' and 'expressive value'.*

- **Blocks** Each block contains transactions and optional "graffiti" data. Once confirmed, these commitments cannot be edited or removed at the protocol level.
- **Voice as Value** A graffiti is more than a message — it is a monetary object. To publish it, a user pays a small fee in TSAR. This fee is not a penalty; it is a signal that voice, attention, and storage resources have value.
- **Consensus** The network is secured by independent miners using Proof of Work. No single government, company, or organization controls the ledger. The protocol is \*\*pro digital sovereignty\*\*: anyone can verify, anyone can run a node, subject to local law.
- **Pseudonymous Freedom with Accountability** Addresses are pseudonymous. Users do not need to reveal their civil identity at the protocol level, but every transaction is auditable on chain.
- **Immutable Graffiti Layer** The heart of TsarChain. Selected texts, artworks, or metadata are permanently committed and anchored to block hashes, so that future generations can verify that "this was really said, here, at this time."

## IV. How to Use Your Voice

*"You don't need permission to exist in the archive. You only need intention."*

1. **"Generate an Address"** Create your TsarChain wallet. You keep the keys. There is no email, no password reset, no central account.
2. **"Fund Your Voice"** Obtain TSAR coins. This is not about speculation; it is about paying the cost of permanent storage and validation.
3. **"Publish Your Graffiti"** Submit your message, artwork hash, or digital evidence. When the transaction lands in a block, it becomes part of the chain's collective memory.
4. **"Verify and Share"** Each graffiti is associated with verifiable identifiers (such as transaction ID and block hash). Anyone can independently confirm that the data was really committed, without trusting a single server

## V. The Sovereign Economy — Value Beyond Money

*"In the future, preserved truth will be a public good."*

Traditional economies are anchored to physical assets, central banks, or equity markets. The TsarChain economy introduces a complementary dimension: "the courage to record", "the discipline to preserve", and "the responsibility to verify".

Within TsarChain:

- **"Voice has a Price, not a Gatekeeper"** Publishing costs a fee, but no central actor decides what is "allowed." The network is neutral; citizens, artists, journalists, archivists, and communities make their own choices, while remaining accountable to their local laws.
- **"History Becomes an Asset"** Digital archives can serve as shared infrastructure for research, art, education, and collective memory.
- **"Expression Becomes Power"** Power is no longer only the ability to broadcast, but also the ability to prove that something was said and preserved at a specific point in time.

This is the **"Economy of Voice Sovereignty"** and **"pro-digital sovereignty"**, where durable, verifiable records are treated as a long-term resource for society.

## VI. Future Vision — What Comes After the Archive

TsarChain is not a promise of fast profits or a vehicle for short-term speculation. It is a long-horizon public tool for:

- archivists of local and global history,
- street and digital artists,
- independent journalists and researchers,
- communities whose stories are often undocumented.

Our vision is simple:

- millions of graffiti entries forming a searchable, verifiable cultural library,
- one preserved voice becoming evidence in a dispute or historical research,
- one block becoming a snapshot of how people really felt at a specific moment in time.

While many networks chase yield and hype.

TsarChain keeps repeating a different message: **"We don't sell coin. We preserve voices."**

## VII. Technical Appendix (Short Overview)

- **"Block Structure"** – (Header fields) version, previous block hash, Merkle root, timestamp, difficulty bits, nonce. – (Body) transactions including coinbase, standard UTXO transfers, and optional graffiti data fields.
- **"Consensus"** – Proof of Work with adjustable difficulty. – Target block interval is configured for a smooth balance between performance and decentralization. – Coinbase rewards become spendable only after a maturity period (N confirmations), encouraging stable participation.
- **"Transaction Model"** – UTXO based, with SegWit style witness serialization to separate signatures from the main transaction data. – Signature scheme uses secp256k1 ECDSA with standard security hardening.
- **"Graffiti Layer"** – Data is embedded in transaction outputs or OP\_RETURN like carrier fields, within configurable size limits. – Graffiti commitments are permanently anchored via block hashes and transaction IDs.
- **"Address Format"** – Bech32 style with human readable prefix such as 'tsar1...', Designed for compatibility with P2WPKH and future script types.

- **“Node Roles (Current & Planned)“**

**“Miner Node”:** validates blocks, participates in Proof of Work, and relays transactions.

**“Storage Node (future extension)”:** focuses on replicating larger graffiti payloads and may earn additional rewards.

**“Kremlin Wallet”:** lets everyday users send transactions, publish graffiti, and explore the chain without storing the full dataset.

## VIII. Epilogue

This document is not a traditional whitepaper. It is closer to a “grungepaper” — a draft, a feeling of having one's voice and rights removed

*TsarChain does not replace existing legal or archival frameworks. It complements them with an open, verifiable digital substrate*

a “system of digital preservation for cultural heritage and creativity”, grounded in “The Voice Sovereignty”.