TRENVUS

www.trenvus.com

Manifesto and White Paper - Version 7.0

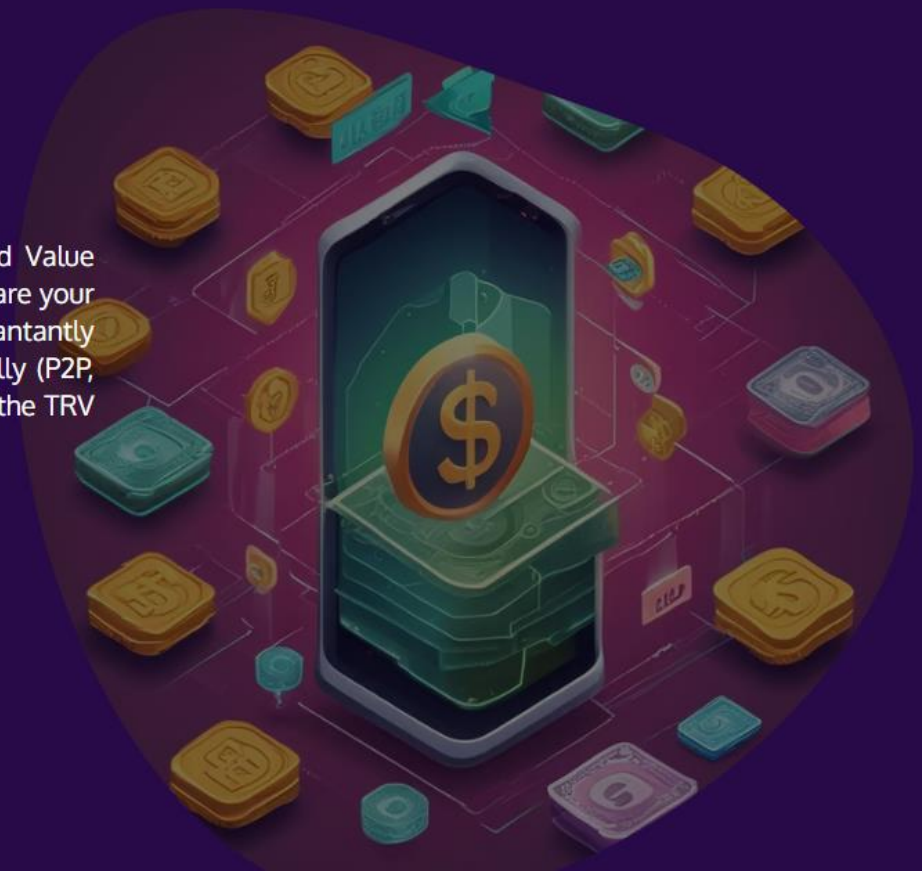
January 27, 2026

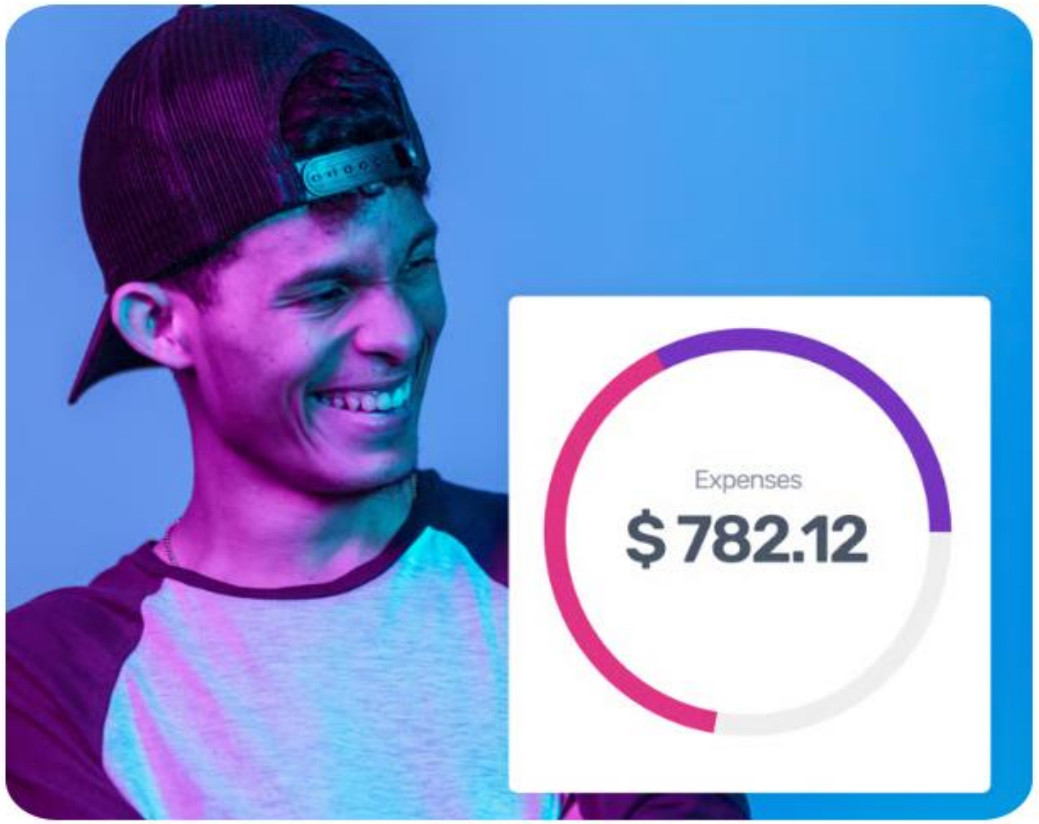
TRENVUS

Welcome to tomorrow-today!

We are **TRENVUS** - Transnational Encrypted Decentralized Value Unit System. As a ZK-based (zero-knowledge) platform, we are your strategic tool for a new financial world, where you can instantantly transfer, trade, earn, pay and and get paid via TRVs globally (P2P, B2B and B2C) with security protocols at your fingertip. Join the TRV transnational revolution where you are truly in control.

Start your Journey Now





TRENVUS

Your decentralized finances in one place: Our mission is to make it simple to manage everything from one place under the principle of citizen's sovereignty

TRENVUS VALUE EVOLUTION

YEAR 0
START

5 YEARS
STABILITY ANCHORING

YEAR 5+

1 TRV =
1 USD / USDT / USDC

VALUE TAGGED TO 1 USD

YEAR 5+
SOVEREIGN MONETARY
FUTURE-IN-THE-MAKING

TRENVUS SUMMARY

TRANSACTIONAL | ENCRYPTED | DECENTRALIZED | FULLY PRIVATE

TRENVUS CASH FLOW BRIDGE

RAMP IN

$ USD / USDT / USDC

TRVs

RAMP OUT

$ USD / USDT / USDC

TRENVUS MANIFESTO 7.0

Transnational Decentralized Encrypted Value Units System

Comprehensive Manifesto - Version 7.0 Jan 27, 2026

1. Introduction

TRENVUS is a transnational, decentralized, private, neutrality-based encrypted value points system protocol designed to:

- **Guarantee absolute privacy and citizen digital sovereignty with local and transnational transactions with full compliance and transparency.**
- **Enable trustless, fee-negotiable P2P, B2B, and B2C monetary transfers**
- **Provide secure, privacy-preserving ramping mechanisms**
- **Preserve invisibility, anonymity, and compliance by design within a new DeFi transnational scenario**

TRENVUS is not fiat, is not a blockchained crypto, is not a derivative, and is not state-controlled financial base. It is fully cryptographically enforced digital cash, designed for freedom, neutrality, privacy, reliability and sustainability.

2. Core Principles

1. **Transactional: Instant, final transfers once ramped in.**
2. **Encrypted: Ownership and transfers fully cryptographically secured.**
3. **Decentralized: No central authority can freeze, censor, or reverse TRVs.**
4. **Fully Private Units: All TRVs are fungible, indistinguishable, and privacy-preserving.**
5. **Transnational: Operates across jurisdictions without central control.**
6. **Citizen Sovereignty: Full control over custody, consent, and transaction execution.**
7. **Neutrality & Privacy by Default: Protocol-level enforcement ensures transactions, balances, and ownership remain private, non-linkable, and immune to institutional or governmental bias. Enhancements: Each principle is enforced via cryptographic logs, ZK proofs, and privacy protocols implemented.**

3. Ramp-Up and Ramp-Out Mechanics

Mechanism Fee Notes

Ramp-Up: Fiat (USD) or Stablecoin (USDT/USDC) → TRVs 1% stewardship Users may negotiate fees ≤1%; half goes to Core Neutral Totem

Ramp-Out: TRVs → Fiat / Stablecoin 1% stewardship Same rules; ensures liquidity

P2P / B2B / B2C Transfers Negotiable ≤1% Users may freely agree on fees; half goes to Core Totem

- Fee-free transfers possible if mutually agreed on 0%
- All ramps generate cryptographically secured logs with ZK proofs
- Fully privacy-preserving, optional, non-intrusive interfaces

4. Five-Year Anchoring & Sovereign Value

- Years 0–5: TRVs pegged to 1 USD / USDT / USDC
- Post-Year 5: TRVs gain autonomous, sovereign value based on network adoption and utility
- Anchoring ensures stability, usability, and merchant adoption

5. P2P, B2B, and B2C Transactions

Illustrative Examples:

1. P2P: Alice sends 200 TRV to Bob → 0.5% fee agreed → 0.25% to Core Totem → ZK-proofed → log hashed → transaction appended
2. B2B: Company A pays Company B 10,000 TRV → multi-sig validation → cryptographic log entry → optional QR balance verification
3. B2C: Customer pays vendor → QR-based balance validation → fee split applied → log entry → ZK proof

- Security protocols include hash linkages, ZK proofs, non-linkable TEC/USER codes, and timestamped logs

6. Citizen Sovereignty, Security & Optional Transparency

- Absolute control: Only cryptographic holder controls TRVs
- Economic asylum: Immune to freezes, sanctions, political coercion
- Transaction-level privacy: Each transaction has a unique non-public USER code
- Enhanced security: Multi-layer ZK proofs, invisible identifiers, non-linkable TECs, cryptographic salting

- Compliance separation: AML/KYC/KYB enforced only at ramps
- Optional QR Balance Display:
- Users may opt-in to display balances via QR code
- QR visible on smartphones, laptops, desktops, or apps
- Only registered users can validate the balance
- Useful for in-system transactions and ramp operations
- Default privacy remains intact unless opted-in

7. TEC & USER Identifiers

USER — UNIQUE SYSTEMATIC FOR EVIDENCE ID REGISTRATION

FORMAT: L-N-L-N-L-N-L-N-N-L / N-N

L – LETTER

N - NUMBER

- Letters: A–Z, a–z; Numbers: 0–9
- ~3.8×10^{15} combinations
- Log entries include timestamp, hash, ZK-proof
- Collision probability: negligible

N6L1G7A8f7/22 (Sample)

At time of registration, an unique USER ID will be assigned followed by a strong passport and biometrics for full private access.

TEC (TRANSACTION EVENT CODE)

FORMAT: L-N-L-N-L-N-L-N-N-L / N-N

L – LETTER

N - NUMBERN-L-N-L-N-L-N-L-N-L / L-L

- Numbers: 0–9; Letters: A–Z, a–z
- ~1.03×10^{17} combinations
- Non-public, ZK-bound, cryptographically salted

Combined state space: 3.92×10^{32}

- Entropy: 108.2 bits
- Collision probability: ~0 for realistic volumes

7L1G7d8w7p/PW (Sample)

For each and Every transaction, a new TEC is registered and hashed as a means to enhance all TRV core principles.

8. Probability, Combinatorics & Log-Based Assurance

- **Collision probability formula:**

$P_{collision} \approx 1 - e^{-N^2/(2\times S)}$

- **N = transactions; S = total USER combinations**
- **Log assurance:** $\log_2(S) = 108.2 \text{ bits}$ **guarantees uniqueness**
- **Trust intervals: >99.999999% for transactions, >99.999% for users**

Illustrative	Probability	Matrices
Transaction ID USER TEC P(Collision) Log Status ZK Verified		
TX001 U1 T1 1e-20 ✓ ✓		
TX002 U2 T2 1e-20 ✓ ✓		
TX003 U3 T3 1e-20 ✓ ✓		

9. Resilience & STRIDE Threat Modeling

Transaction Type Security Protocols Logs ZK Proofs STRIDE Mitigation

P2P End-to-end encryption, nonce per transfer Hash chain, timestamped Yes Spoofing, Tampering, Repudiation

B2B Multi-sig optional, access control Signed log matrix Yes Info disclosure, Elevation

B2C QR-based optional verification Ledgered in-core Yes DoS, Info leakage

10. Mathematical & Operational Summary

1. **Combinatorial Space:**

- **USER: 3.8×10^{15}**
- **TEC: 1.03×10^{17}**
- **Combined: 3.92×10^{32} (USER + TEC)**

2. **Collision Probability: Negligible even at high volume**

3. **Log Enforcement: Hashing, ZK proofs, timestamping**

4. **Fee Distribution: 50% of negotiated transfer fees routed to Core Totem**

5. **Trust Interval: >99.999999% uniqueness for transactions**

Entropy Tables

Identifier Letters Numbers Total Combinations Bits of Entropy

USER	52	10	3.8×10^{15}	51.6
TEC	52	10	1.03×10^{17}	56.6
Combined	—	—	3.92×10^{32}	108.2

11. Optional QR-Based Balance Display

- **QR code shows opt-in balance only**
- **Only registered users can validate**
- **Default privacy remains intact**
- **Linked cryptographically to TEC/USER for proof of balance, transfers and invoices**

12. Founding Manifesto Key Words and Concluding Remarks

Money should not watch you. Value should not remember you.

Exchange should not ask permission. Simple be in control with instantaneous ZK global value points systems liquidity transactions backed by individual fiat and/or stablecoing (USDT/USDC) within mathematical provable truths.

TRENVUS ENFORCES:
• Privacy by default and neutrality by structural mechanisms
• Decentralization & transnational instantaneous operation
• Sovereign and digital citizen ownership of values
• Cryptographic certainty with uniqueness
• Optional transparency via QR for P2P, B2B or B2C transactions including balances, transfers, payments and invoices negotiated
• Fully negotiable fee structure with stewardship split
• TEC/USER cryptography with probability, combinatorial, and log assurance
• Mathematical and operational resilience embedded at every layer

Prof. Dr. Thales Castro, CEO & Founder

TRENVUS