ToR DAO Whitepaper

Version 1.0 | March 08, 2025

Vision

ToR DAO envisions a bold future where blockchain technology empowers communities to undertake monumental projects and revolutionize everyday processes. Our flagship initiative—carving Donald Trump's likeness onto Mount Rushmore—symbolizes ambition, innovation, and decentralized governance. Alongside this, we introduce a groundbreaking decentralized invoicing platform, leveraging Solana's high-performance blockchain to redefine how businesses and individuals manage transactions by delivering transparent, auditable, and traceable records that remain securely encrypted, empowering businesses, organizations, and individuals with unparalleled financial clarity and privacy.

Mission

- **Monumental Legacy:** Immortalize a modern icon on Mount Rushmore through a community-driven effort.

- **Financial Innovation:** Build a secure, scalable invoicing solution that harnesses cryptography and decentralization.

- **Community Empowerment:** Enable token holders to govern, fund, and benefit from these initiatives for public projects.

Project Overview

The Mount Rushmore Initiative

ToR DAO aims to add a fifth face—Donald Trump—to Mount Rushmore, a National Memorial symbolizing American history. This multi-year project will:

- Unite a global community to fund and oversee the effort.

- Employ cutting-edge engineering and artistic techniques.

- Celebrate democratic participation through DAO governance.

This initiative represents a groundbreaking experiment, applying the revolutionary decentralized autonomous organization (DAO) model to a tangible public project in the

real engineering world. Unlike traditional top-down approaches, ToR DAO harnesses the power of distributed decision-making to redefine how large-scale infrastructure projects are conceived, funded, and executed. To ensure professional execution, the founding team will transfer full control to a top committee (board) elected by token holders. This board will hire domain experts—including project managers, masonry engineering specialists, budget managers, and accountants—to craft a comprehensive project plan. The plan will break the endeavor into manageable sub-projects, such as geological assessments, rock sculpting, and safety infrastructure, which will be outsourced to qualified contractors. The team will manage these subcontracts through the DAO's voting system, allowing token holders to approve contractor selections, monitor progress, and allocate funds transparently. The top committee will oversee the entire execution, ensuring alignment with the DAO's vision while leveraging expert input to navigate the complexities of this ambitious undertaking.

Estimated Cost: $160 million, covering planning, sculpting, legal approvals, and infrastructure.

Decentralized Invoicing Platform

Our platform transforms invoicing into a seamless, secure, and decentralized process:

- **Core Mechanism:** Businesses stake ToR tokens to issue JSON-based invoices, encrypted with ECIES public keys, and stored on Storj. Recipients use a dedicated app with a crypto wallet and ECIES key pair to decrypt and print invoices on demand.

- **Technical Specs:** Each invoice (~2KB) is linked via a "lastInvoiceObjectId" field in meta-info, forming a traceable chain. 2TB of storage can hold 1 billion invoices, representing $200 billion in transactions (assuming $100/invoice).

- **Synergy with ToR DAO:** The invoicing platform directly supports the DAO's mission by providing organizations and businesses—including those involved in the Mount Rushmore project—with transparent, trackable expense records. These records, immutably stored on Solana and linked through the platform's innovative design, enable seamless compliance with government expense audits, such as those conducted by the Department of Government Efficiency (DOGE). This ensures that every dollar spent on the carving initiative or related sub-projects can be accounted for with precision, fostering trust and accountability in decentralized governance.

- **Advantages:**

  1. **Streamlined Wallet Integration:** Recipients can consolidate all invoices and receipts into a single, secure crypto wallet, eliminating the clutter of multiple accounts or platforms. This unified approach simplifies financial tracking and enhances user convenience across diverse transactions.

2. **Seamless API-Driven Issuance:** Businesses can effortlessly generate and distribute invoices or receipts by leveraging a robust API that posts encrypted JSON data directly to the Solana blockchain, ensuring rapid, automated, and tamper-proof transaction recording.

3. **Comprehensive Traceability:** Every invoice is cryptographically linked through a 'lastInvoiceObjectId' field, creating a transparent, interconnected ledger of related transactions. This enables effortless auditing, dispute resolution, and historical analysis with unparalleled precision.

4. **Ironclad Data Security:** Invoice JSON data is safeguarded with ECIES encryption, accessible only to the intended recipient's private key holder. This ensures confidentiality and protects sensitive financial details from unauthorized access, even on a decentralized network.

5. **On-Demand Flexibility:** Recipients can generate professional, printable invoices instantly using embedded template IDs, tailoring output to their needs without redundant storage or pre-processing. This just-in-time printing reduces overhead and enhances usability.

6. **Linked Transaction Framework:** Invoices and receipts feature a 'lastInvoiceObjectId' that mirrors a linked-list structure, connecting each document to its predecessor. This innovative design ensures relational integrity, enabling seamless tracking of refunds, amendments, or recurring payments.

7. **Scalable Storage Efficiency:** Each invoice's JSON data, capped at 2KB, enables massive scalability—2 terabytes of storage can house 1 billion invoices, representing $200 billion in transactions (at $100 per invoice). This compact design delivers cost-effective, long-term archival for global-scale financial activity.

Proof of Concept: Already developed, ready for scaling post-launch.

Tokenomics

ToR DAO Token (ToR)

- **Total Supply:** 1,000,000,000 ToR

- **Blockchain:** Solana

- **Pricing:**

  ○ **Seed Round:** $0.05/token

  ○ **Private Sale:** $0.20/token

○ **Public Sale:** $0.25/token

Allocation:

1. **Project Funding (40%):** 400,000,000 ToR

   o **Purpose:** Secures $160M for the Mount Rushmore carving through phased fundraising.

   o **Breakdown:**

   - **Seed Round (10%):** 100M ToR ($5M at $0.05/token)

     1. Targets early visionaries to fund initial R&D and planning.

     2. 9-month lockup, 12-month release; 2x voting power for 18 months.

   - **Private Sale (15%):** 150M ToR ($30M at $0.20/token)

     1. Engages strategic partners for execution groundwork.

     2. 3-month lockup, 24-month release; 1.5x voting power for 12 months.

   - **Airdrop (5%):** 50M ToR (free)

     1. Sparks community growth pre-launch (50,000+ wallets targeted).

     2. 50% immediate, 50% locked for 6 months; 10% bonus for 3-month stakers.

   - **Public Sale (10%):** 100M ToR ($25M at $0.25/token)

     1. Opens to the public on March 15, 2025, with no lockup for liquidity.

   o **Total Raise:** $60M; remaining $100M via token appreciation (e.g., $0.40/token).

2. **Community Incentives (30%):** 300,000,000 ToR

   o **Purpose:** Rewards staking, governance, and contributions.

   o **Distribution:** 200M ToR (staking), 80M ToR (contributors), 20M ToR (bonus airdrops).

   o **Vesting:** Staking over 5 years; contributors over 1–2 years.

3. **Team and Development (20%):** 200,000,000 ToR

   o **Purpose:** Supports the team and invoicing platform growth.

    o   **Vesting:** 2-year cliff, 3-year release.

4. **Liquidity and Marketing (10%):** 100,000,000 ToR

    o   **Purpose:** Fuels trading and global promotion.

    o   **Distribution:** 70M ToR (liquidity), 30M ToR (marketing).

    o   **Vesting:** Liquidity immediate; marketing over 12 months.

Funding Phases

- **Seed Round (Q1 2025):** $5M from 100M ToR to launch planning.

- **Private Sale (Q1 2025):** $30M from 150M ToR for early execution.

- **Airdrop (Mid-Q1 2025):** 50M ToR to build a 50,000+ member base.

- **Public Sale (March 15, 2025):** $25M from 100M ToR for mass adoption.

Staking and Governance

- **Yield:** 5% annual staking rewards (10M ToR/year from 200M pool).

- **Tiers:**

    ■   5,000+ ToR (3 months): Basic voting.

    ■   20,000+ ToR (6 months): Premium DAO roles.

- **Early Boost:** Seed investors get 2x voting and a 10% bonus for 6-month staking.

Deflationary Mechanism

- **Token Burn:** 1% of ToR from invoicing fees burned quarterly, enhancing scarcity.

Long-Term Vision

The $60M initial raise, paired with airdrop-driven growth, sets the stage for $100M via token appreciation or ancillary revenue (e.g., NFTs). Staking and burns ensure stability, while tiered governance empowers committed holders.

Use Cases

1. **Crowdfunding Sub-Projects:** Stake ToR to fund specific carving tasks.

2. **Contractor Payments:** Pay workers via encrypted invoices.

3. **NFT Milestones:** Collectible NFTs tied to project progress.

4. **Invoice Marketplace:** Global platform for businesses to issue invoices.

5. **Tourism Revenue:** Token-based experiences at Mount Rushmore.

Technical Architecture

- **Solana Blockchain:** High throughput, low fees for token transactions and DAO voting.

- **Storj Storage:** Decentralized, encrypted storage for invoice JSON data.

- **ECIES Encryption:** Ensures only wallet holders can access invoices.

- **App Integration:** User-friendly app with wallet and ECIES key management.

Roadmap

- **Q1 2025:** Token launch, $60M raise, platform beta testing.

- **Q2 2025:** DAO formation, initial Mount Rushmore planning.

- **Q3 2025:** Invoicing platform v1.0, first sub-project funding.

- **2026–2030:** Carving execution, platform expansion.

Risks and Mitigation

- **Regulatory Hurdles:** Engage legal experts to navigate permits.

- **Token Volatility:** Staking rewards and burns stabilize supply.

- **Technical Scalability:** Solana and Storj ensure robust infrastructure.

Call to Action

Join ToR DAO to shape history and innovate finance. Invest in ToR tokens to fund a legacy project and access a cutting-edge invoicing solution. Together, we'll carve the future—literally and digitally.