# ETO **NETWORK**

ETHER-TOPOLOGY PROTOCOL

# TECHNICAL & FINANCIAL WHITEPAPER

Next-Generation Autonomous Neural Layer-1 Protocol for Institutional Settlement & Native DeAI Compute Execution

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ISSUER ENTITY: ETO Network Foundation Ltd.
COMPANY REGISTRATION: Reg No. 394810 (Volticas Ecosystem)
TOKEN TICKER: $ETO
CONTRACT COMPLIANCE: MiCA (EU) Registered / CertiK Audited
LEGAL DESK: legal@volticas.com
DEVELOPER DESK: support@volticas.com

# EXECUTIVE SUMMARY

**ETO Network** is an institutional-grade Layer-1 blockchain infrastructure engineered for sub-320ms deterministic block finality, native DeAI (Decentralized AI) compute routing, and zero-knowledge cross-chain liquidity execution. Powered by the novel **Proof-of-Neural-Topology (PoNT)** consensus mechanism, ETO solves the Blockchain Trilemma by continuously optimizing validator communication graphs through dynamic neural topologies.

# 1. PROTOCOL ARCHITECTURE & CONSENSUS

### 1.1 Proof-of-Neural-Topology (PoNT)

Traditional Proof-of-Stake protocols suffer from latency bottlenecks due to rigid peer-to-peer communication graphs. PoNT dynamically rearranges network validation routes in real time based on latency matrix feedback, achieving 180,000+ peak TPS with mathematical deterministic finality ($\le 320\text{ms}$).

### 1.2 Native DeAI Compute & TEE Subnets

ETO Network integrates hardware-level Trusted Execution Environments (TEE) on Layer-1 nodes. Developers can route verifiably secure machine learning inferences and GPU compute tasks directly on-chain, settled natively in $ETO gas.

### 1.3 ZK-OmniBridge Interoperability

Trustless cross-chain liquidity pipeline utilizing ZK-SNARK validity proofs to execute atomic swaps between Ethereum, Bitcoin, Solana, and ETO Network without wrapped asset bridge vulnerabilities.

# 2. TOKENOMICS & FINANCIAL STRUCTURE

The $ETO utility token has a permanently fixed maximum hard-cap supply. 50% of all transaction execution fees, ZK-bridge fees, and DeAI compute gas are automatically burnt via an on-chain immutable burn vault.

| Allocation Category | Percentage | Token Amount ($ETO) | Vesting & Unlock Schedule |
|---|---|---|---|
| **Validator Staking & Rewards** | 35% | 350,000,000 | 10-Year linear block release |
| **Public Ecosystem Sale** | 20% | 200,000,000 | 20% at TGE, 12-Month linear unlock |
| **Strategic CEX Liquidity Vault** | 15% | 150,000,000 | 100% Unlocked for Gate/Bybit/Kraken/Binance |
| **Core Engineering & R&D** | 18% | 180,000,000 | 12-Month Cliff, 36-Month linear vesting |
| **Foundation Treasury Reserve** | 12% | 120,000,000 | Locked in Gnosis Multi-Sig Cold Storage |

# 3. SECURITY & BUG BOUNTY FRAMEWORK

Security is verified by CertiK (Grade A+ score 98.6). ETO Network Foundation maintains a dedicated **$1,000,000 USD Bug Bounty Vault** for vulnerability disclosures:

- **Critical Severity (Consensus / State Corruption):** Up to $500,000 USD
- **High Severity (ZK-Bridge Asset Lockup):** Up to $250,000 USD
- **Medium Severity (DeAI Compute Routing Bypass):** Up to $100,000 USD
- **Low Severity (Interface / Calculation Discrepancy):** Up to $20,000 USD

Reports must be submitted directly to `support@volticas.com` .

# 4. LEGAL & REGULATORY COMPLIANCE

### 4.1 Non-Security Utility Classification

Official Token Classification Opinions confirm $ETO as a non-security functional utility asset under EU MiCA and US regulatory standards. $ETO tokens do not convey equity, shares, voting rights in Foundation profits, or dividend claims.

### 4.2 Restricted Jurisdictions

Citizens and residents of the United States (non-accredited), North Korea, Iran, Syria, Cuba, Crimea, and OFAC-sanctioned jurisdictions are strictly prohibited from participating in public distributions.


Official Legal Desk: legal@volticas.com | Official Website: https://volticas.com