

# **RETINECY (RTNC) MINING WHITEPAPER — AEGIS EDITION**

Technical Mining Framework & Lifecycle Structure

## **1. INTRODUCTION**

RTNC mining is built around decentralization, predictable emissions, and progressive hardware evolution.

The mining structure is designed to support long-term network health and fairness.

## **2. PRINCIPLES OF RTNC MINING**

RTNC mining operates on five principles:

- Predictability
- Accessibility
- Security
- Anti-manipulation
- Fair reward distribution

## **3. ROLE OF AEGIS**

Aegis oversees mining transparency but cannot modify difficulty, emission, or block rewards.

Aegis responsibilities:

- Publish mining statistics
- Ensure code integrity
- Maintain public visibility of mining data

## **4. MINING PHASES**

Mining progresses in three phases that increase security and decentralization while transitioning to more

efficient hardware generations.

### **4.1 CPU PHASE (~18 MONTHS)**

- Open to general public
- Low cost of entry
- Fair distribution at early supply
- Limited risk of centralization

## **4.2 GPU PHASE (~18–24 MONTHS)**

- Increased performance
- Better defense against CPU cluster dominance
- Maintains accessibility via commodity GPUs

## **4.3 ASIC PHASE (~2 YEARS)**

- Maximum hashing security
- Reduced volatility
- Final long-term mining environment

## **5. EMISSION MODEL**

Emission is fixed at genesis and cannot be changed.

No halvings, no dynamic emission, no discretionary adjustments.

## **6. BLOCK REWARD MODEL**

Block rewards distribute to:

- Miners
- Developer fund
- Reserve strengthening components

Exact percentages are fixed in the protocol.

## **7. SECURITY DESIGN**

Mining is protected against:

- Timestamp manipulation
- Difficulty attacks
- Block withholding
- Advantage of early specialized hardware

## **8. ALIGNMENT WITH RESERVE MODEL**

Mining does not influence peg value or reserve ratios.

Economic stability and mining operations remain fully independent.

## **9. GOVERNANCE NON-INTERFERENCE**

Governance cannot:

- Alter mining rules
- Adjust emission
- Modify rewards
- Prioritize any miner

Mining remains mechanically neutral.

## **10. END OF EMISSION ERA**

After full emission:

- Mining becomes fee-only
- ASICs provide ongoing network protection
- Supply remains permanently fixed

## **11. LEGAL POSITION**

Mining is a mechanical computational process.

Aegis and Governance do not guarantee mining profitability.

# **RTNC Mining Whitepaper — Aegis Edition**

Issued under the authority of Aegis.