

Aethion - Whitepaper

Overview

Aethion is an advanced AI-powered trading bot designed to outperform traditional bots through a multi-model architecture, real-time learning, and intelligent risk management.

Technology Stack

- Deep Learning Models: Utilizes LSTM, Transformer, CNN, and PPO agents.
- Meta-agent Layer: XGBoost ensemble for final signal validation.
- Confidence Calibration: Adjusts trade aggressiveness based on predictive certainty.
- Adaptive SL/TP: Dynamically adjusts stop-loss and take-profit levels based on trade context.
- Signal Quality Scoring: Filters weak signals using historical performance.
- Manual Close Learning: Learns from user-initiated exits to avoid repeating bad trades.
- Real-Time PPO Reinforcement Learning: Continuously updated using trade PnL feedback.

Architecture

Aethion's architecture is modular and layered. Signals are generated by base models, filtered through confidence logic, evaluated by a meta-agent, and executed with smart SL/TP logic. The PPO agent learns from every close, enabling adaptation to market behavior over time.

\$AETHN Token

\$AETHN is the utility token of the Aethion ecosystem.

Use cases:

- Access to premium features, model tuning, and advanced tools.
- Payment for subscriptions and advanced analytics dashboards.
- Incentives for contributing feedback or sharing strategies.
- Staking to unlock increased capital allocation or AI risk buffers.

Roadmap

- Q2 2025 - Private testing, DRY_RUN trades with live market data
- Q3 2025 - Token launch and first live deployment
- Q4 2025 - Visual interface, signal marketplace, and adaptive capital scaling

Legal Disclaimer

Aethion is experimental software. Crypto trading carries risk. Nothing in this document constitutes financial advice. Token utility may evolve.

Contact

Website: aethion.ai

Whitepaper: aethion.ai/whitepaper.pdf