ACTP — Admissibility-Controlled Trading Primitive (Locked Spec)

This document is the canonical specification of ACTP. It defines a survivability-first, admissibility-gated trading architecture designed for crypto markets. It is non-predictive, non-optimizing, and invariant across users.

1. Formal Mathematical Notation

Let $A(asset, timeframe, regime, state) \in \{0,1\}$ be the admissibility function.

Capital deployment is permitted if and only if $A = 1$.

All state transitions are path-dependent and bounded in latency. The system enforces hard constraints rather than probabilistic confidence.

2. Investor-Grade Explanation

ACTP does not compete on prediction. It competes on capital protection and consistency. By eliminating structurally bad trades, it increases win-rate and reduces drawdowns.

The system scales across users without personalization, which makes it robust, defensible, and durable over time.

3. Open Technical Specification

ACTP can be implemented as: - a static webpage consuming a state feed - a human-in-the-loop execution gate - a future automated execution layer

No proprietary indicators are exposed. All intelligence lives upstream.

4. Regulatory-Safe Framing

ACTP does not provide financial advice, predictions, or guarantees.

It functions as a risk and admissibility visualization tool that allows users to make their own execution decisions within safe bounds.