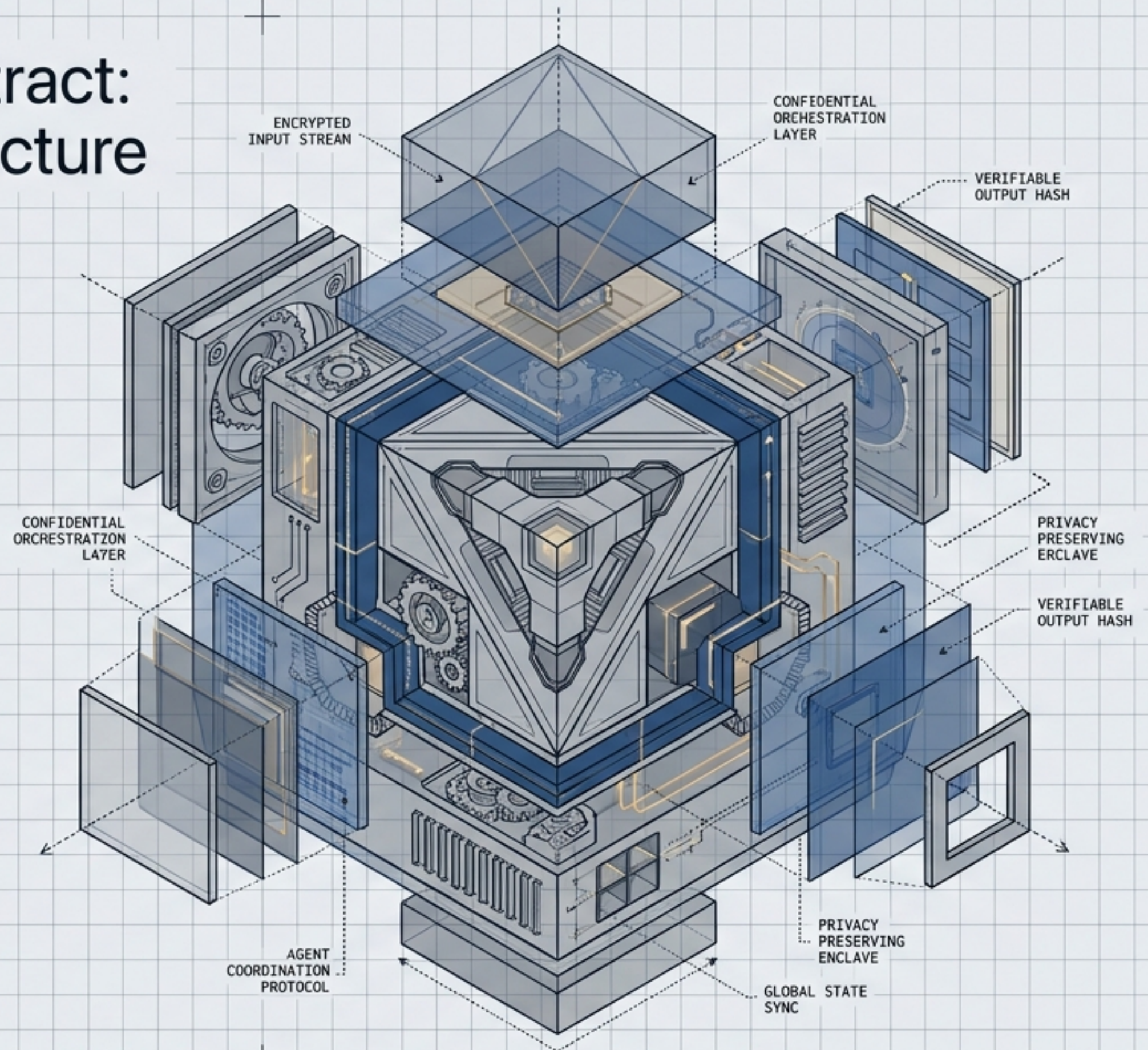


Beyond the Smart Contract: The Nightframe Architecture

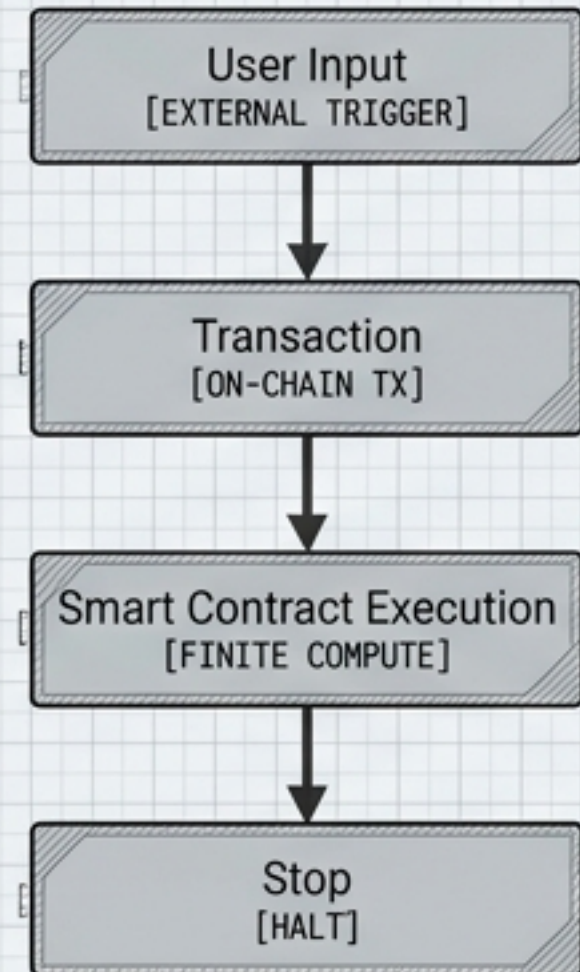
Synthesizing confidential execution
with verifiable orchestration for the next
generation of autonomous agents.



DOCUMENT REF: OCT-NF-01 // ARCHITECTURE BRIEF

A continuous, private computing environment for autonomous agents.

Legacy Smart Contract

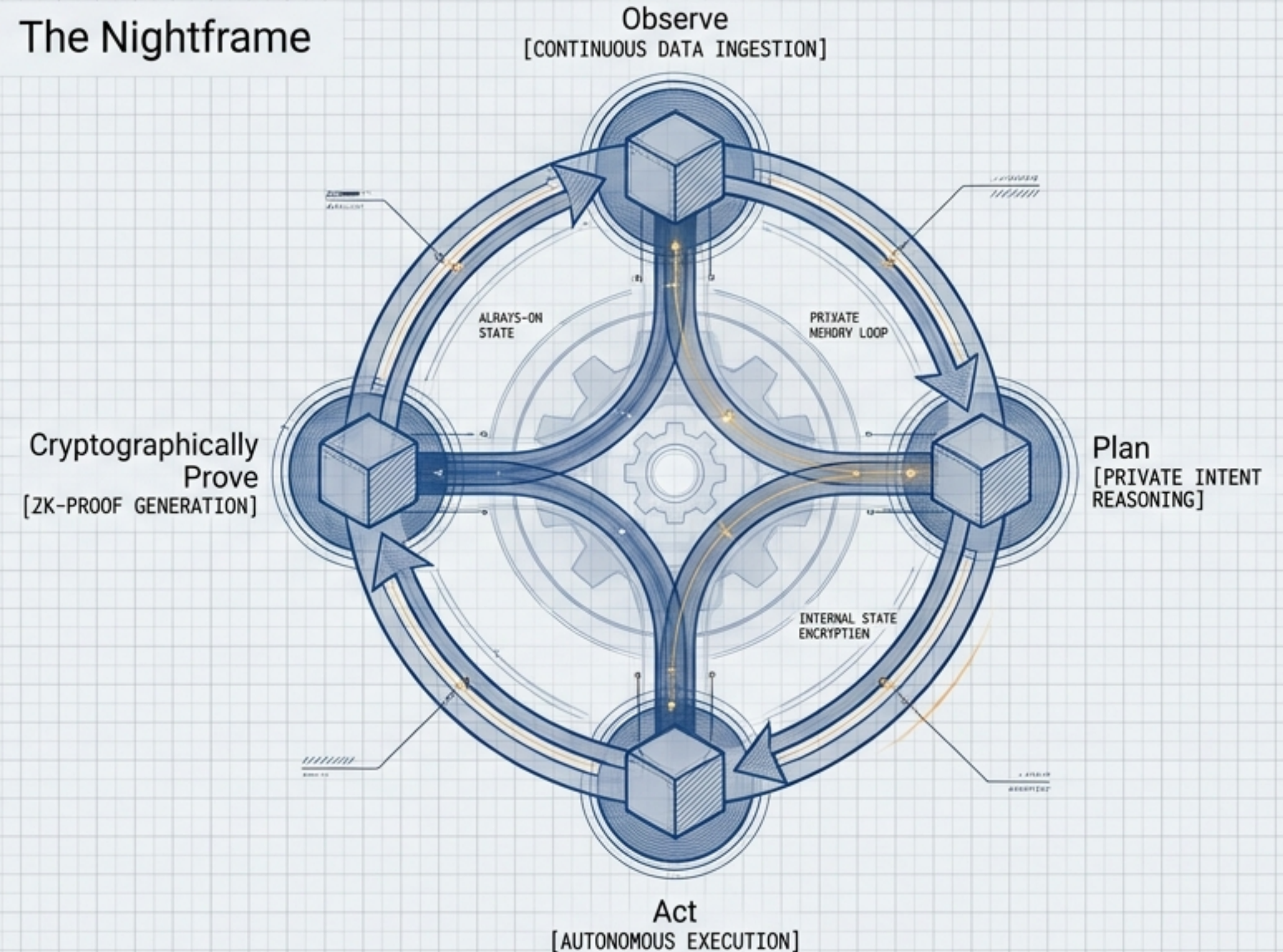


Introduced by Charles Hoskinson (Oct 10, 2026), a Nightframe acts on your behalf, understands your intentions, and cryptographically proves its actions—without exposing its internal state.

REFERENCE DOCUMENT: NF-2026-CH-001 [CLASSIFIED]



The Nightframe

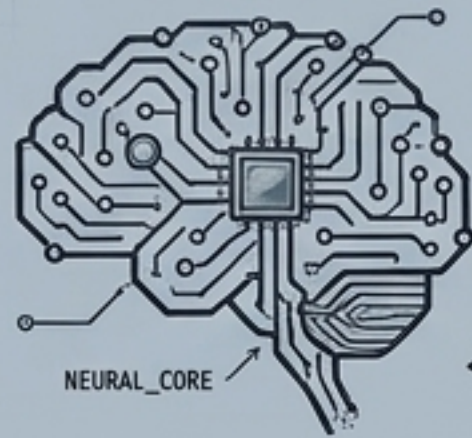


The Four-Pillar Structural Node of a Nightframe



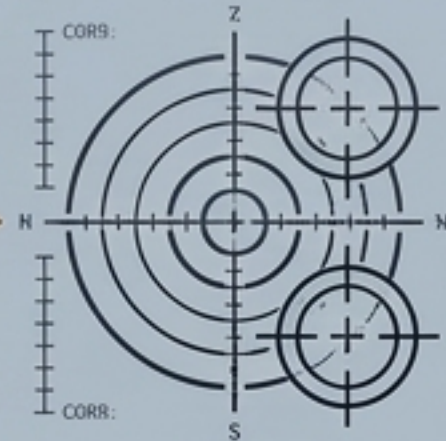
Identity

Knows exactly whose authority
it operates under.



Intelligence

Capable of reasoning, planning,
tool-use, and multi-agent
collaboration.



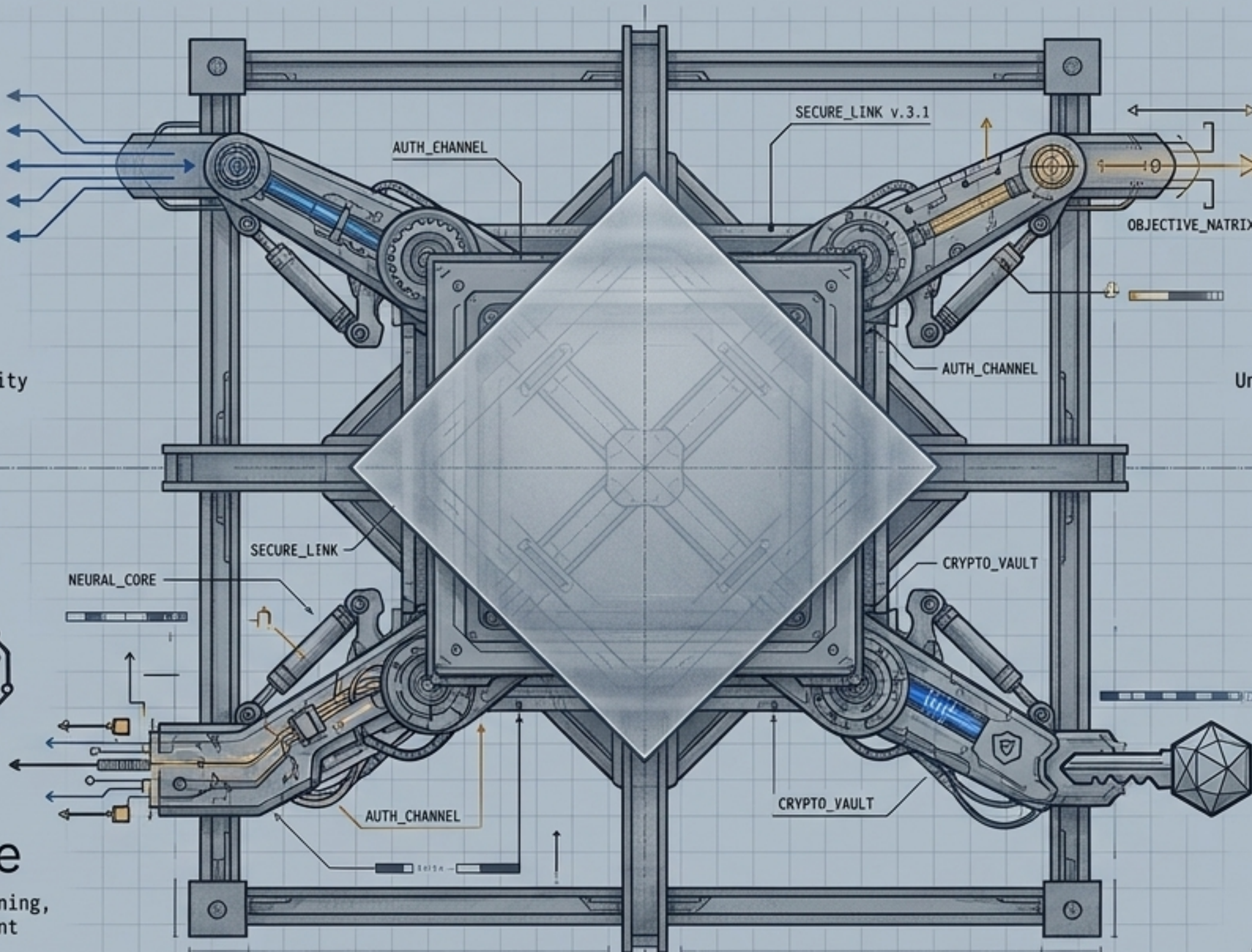
Intent

Understands the owner's specific objectives and constraints.



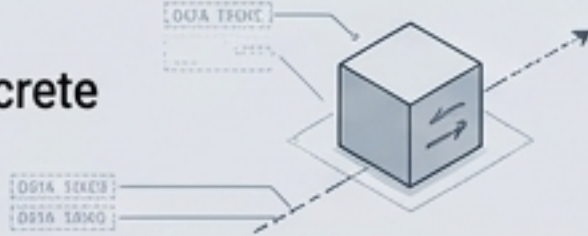
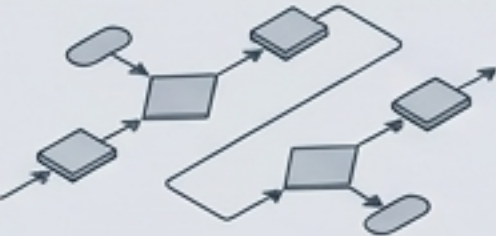
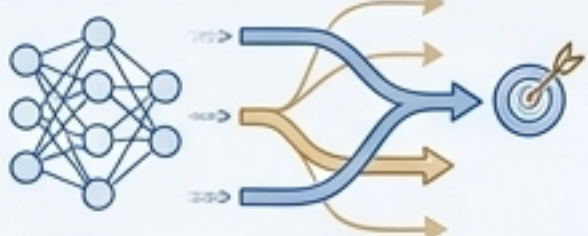
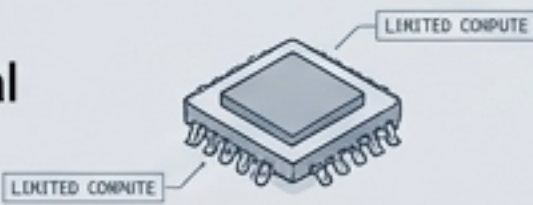
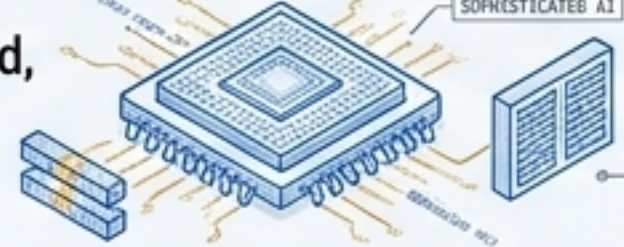
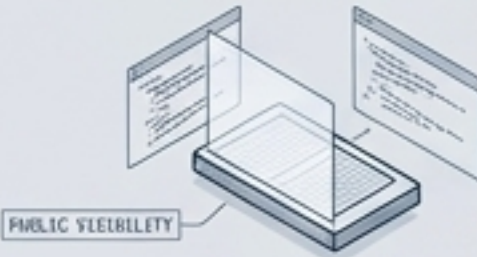
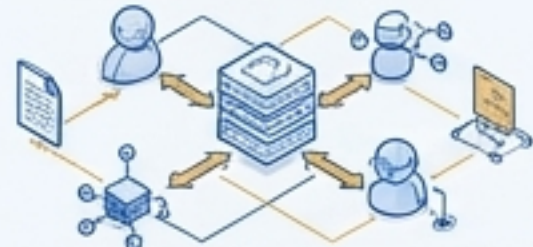
Ownership

Remains strictly under the cryptographic control of the owner, independent of central AI platforms.



The Paradigm Shift: Static Logic vs. Dynamic Autonomy

STRUCTURAL MATRIX V3.2

	Smart Contract	Nightframe
Temporal State	Triggered by discrete transactions 	Continuously operating / Always-on 
Logic Execution	Executes rigid, predefined logic 	Pursues objectives autonomously 
Complexity	Limited computational capacity 	Supports sophisticated, open-ended AI computation 
Visibility	State and logic are publicly visible 	Computation is fundamentally privacy-preserving 
Primary Asset	Manages tokens and static rules 	Manages agents, dynamic capabilities, and interactions 

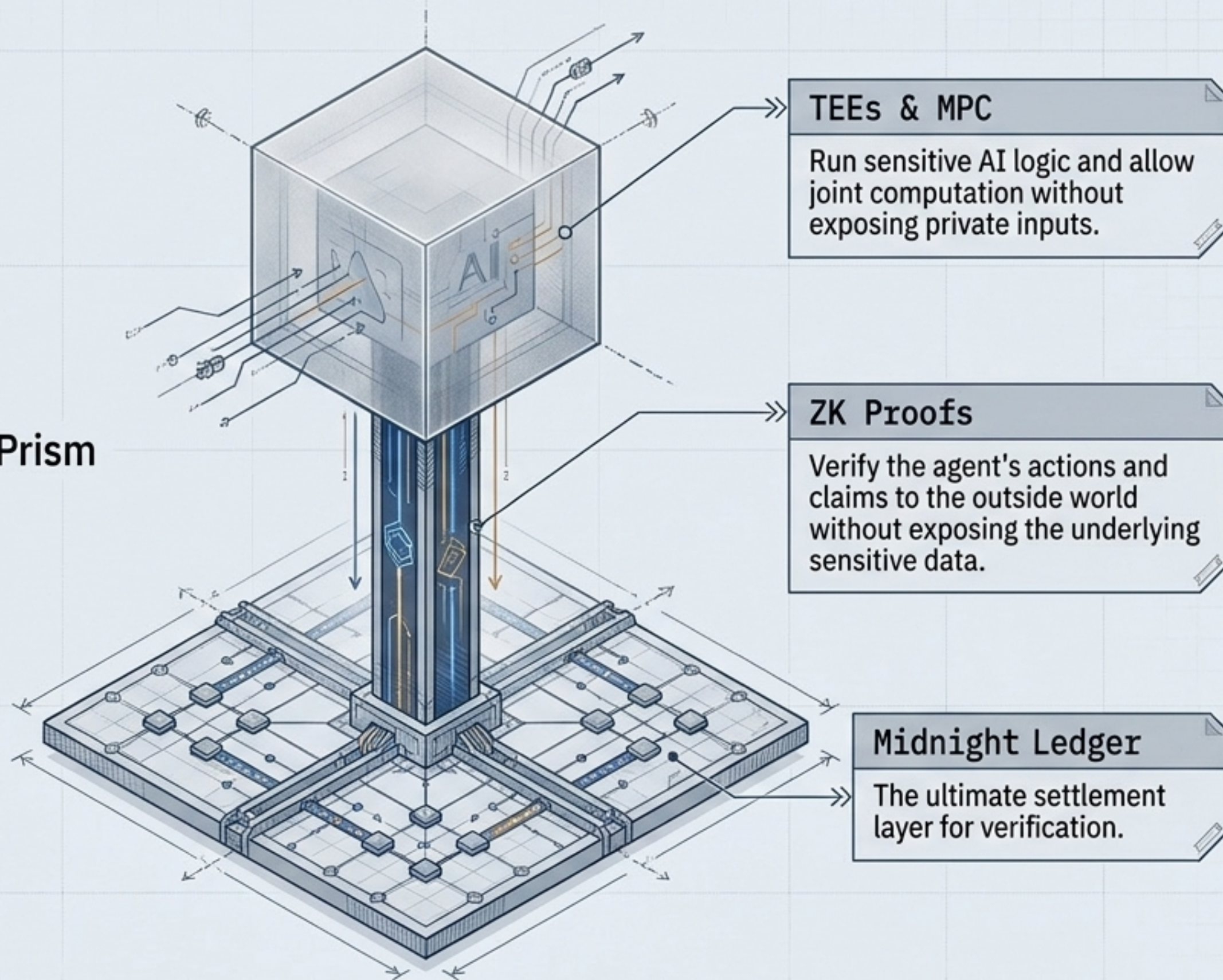
DATA FLOW ANALYSIS

DATA FLOW ANALYSIS

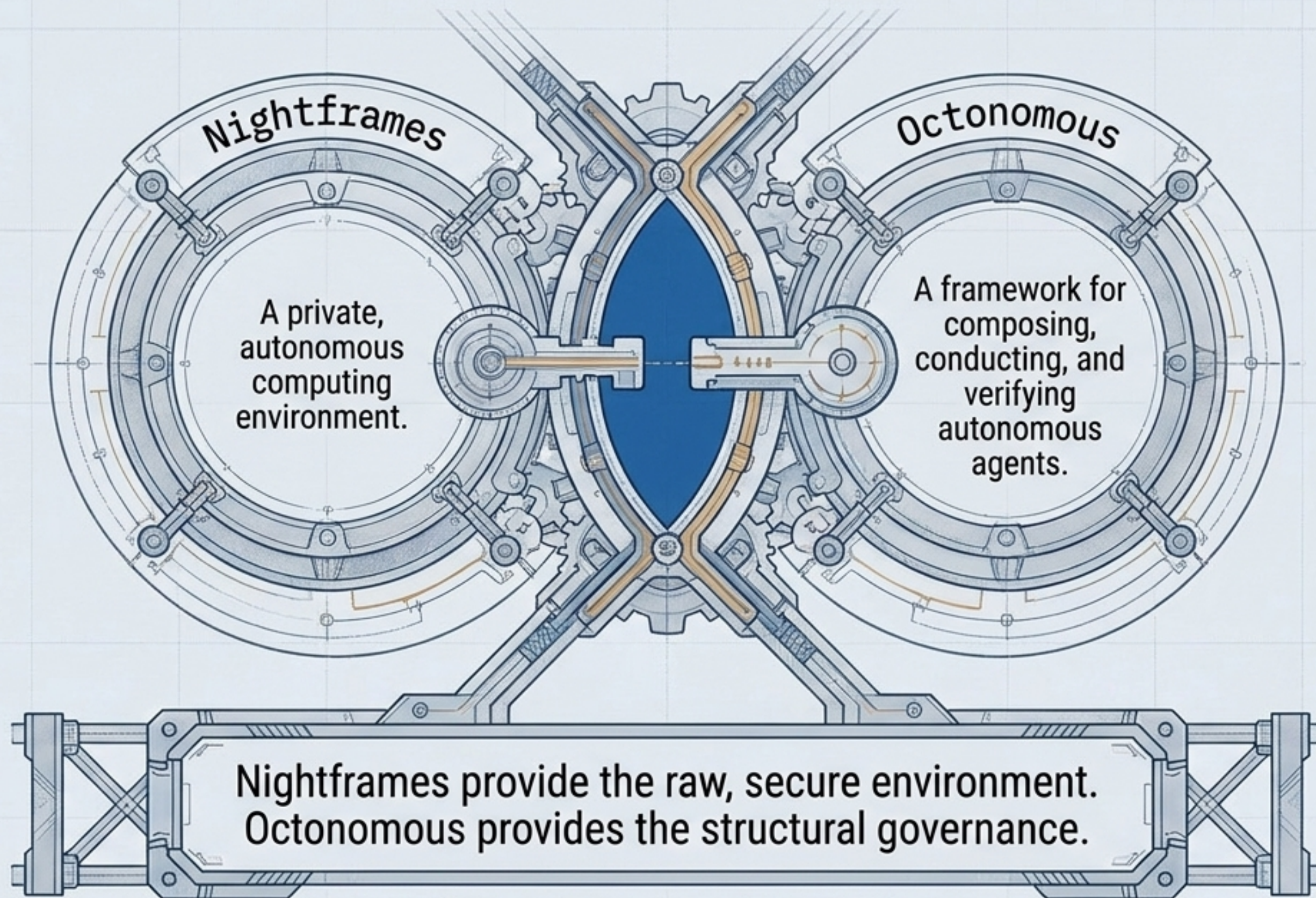
SYSTEM COMPARISON MODEL

The Cryptographic Stack Powering the Nightframe

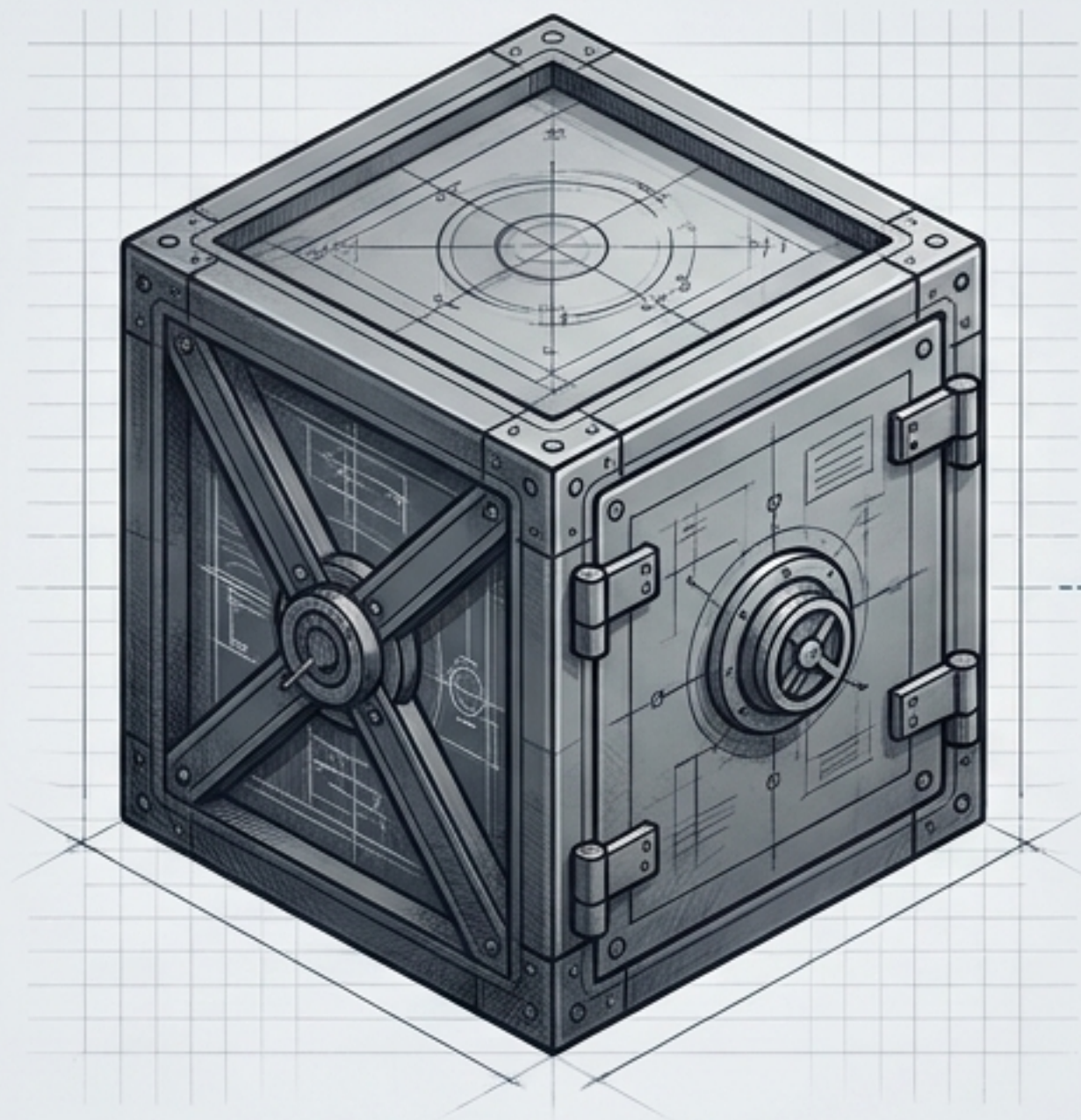
The Privacy Prism



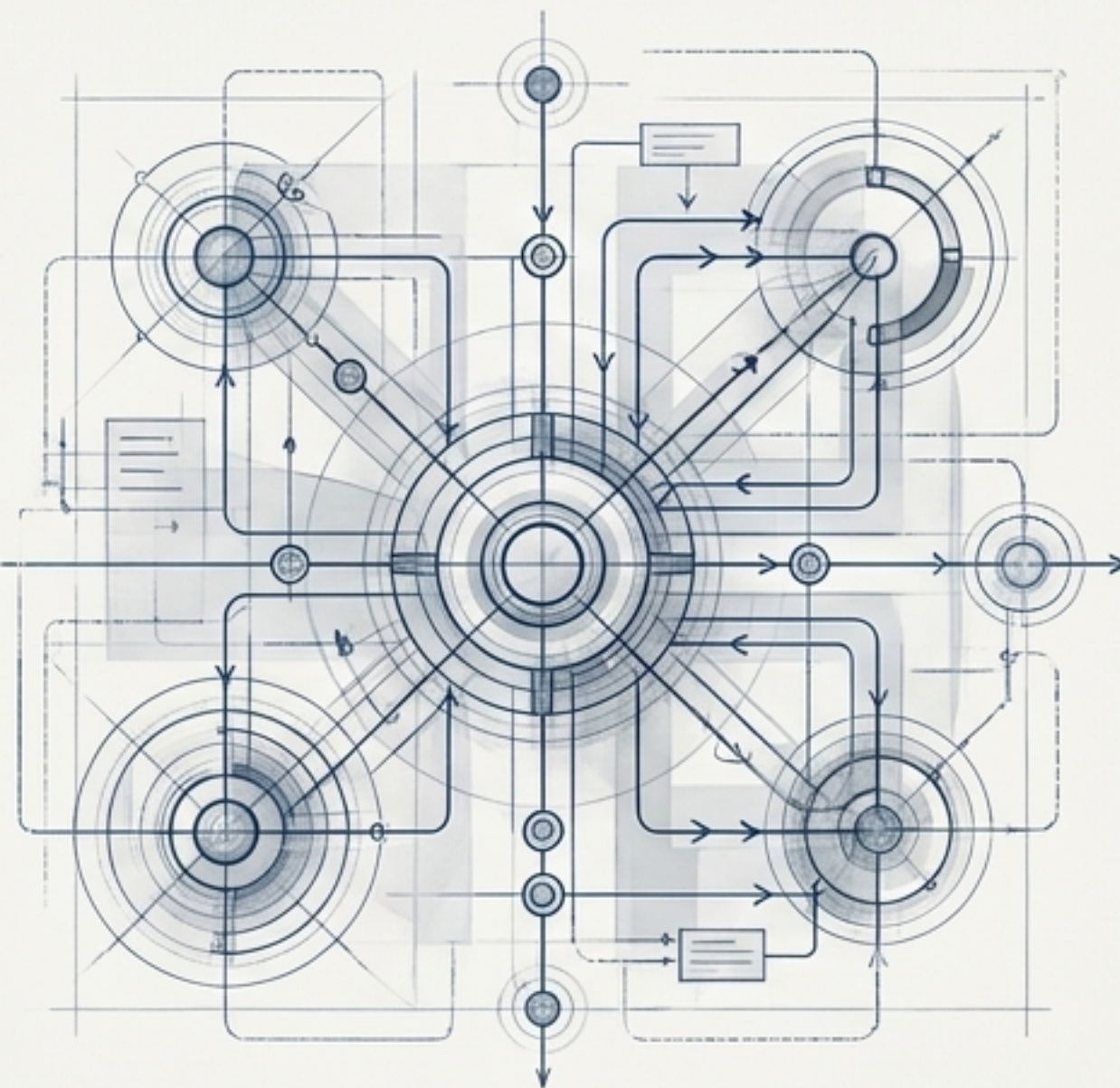
Conceptual Alignment: Where Nightframes meet Octonomous



A Unified Framework: Execution seamlessly paired with Orchestration



Nightframe = Confidential Execution Layer



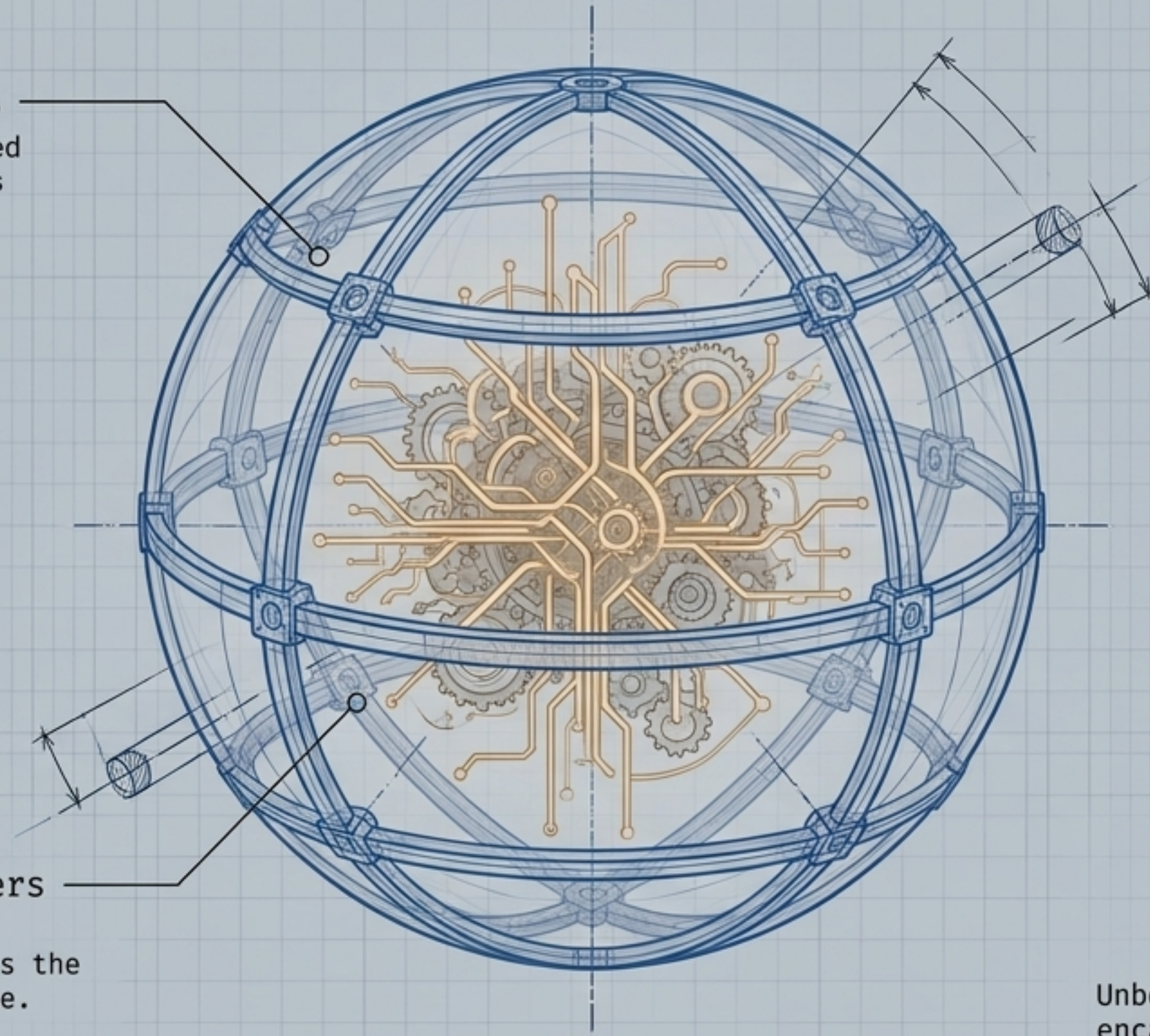
Octonomous = Verifiable Orchestration Layer

Octonomous agents can operate **inside** Nightframes—utilizing verified context and controllers to govern exactly what the confidential agent knows, decides, and executes.

Blueprint: The Bounded Agent Architecture

Verified Context Graphs

Establishing the exact trusted context and data the agent is allowed to perceive.



Verified Code Controllers

Bounding, restricting, and validating the actual actions the agent is permitted to execute.

Unbounded AI execution is a liability. By encasing Nightframe intelligence within Octonomous parameters, we achieve safe, verifiable autonomy.

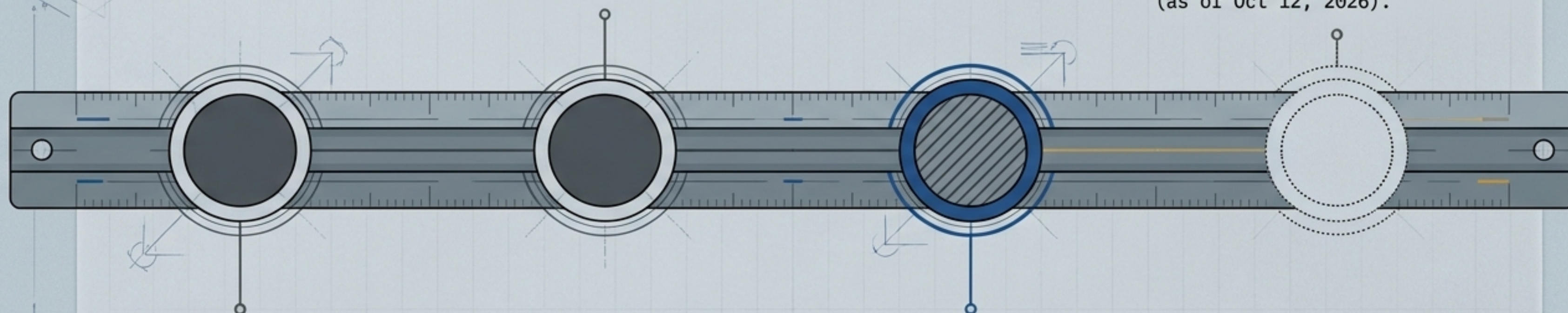
Current Ecosystem Status and Deployment Timeline

Midnight City

Demonstrating live, persistent AI-agent interactions in a test environment.

Full Nightframe System

Currently an architectural vision transitioning toward full implementation specification (as of Oct 12, 2026).



Midnight Blockchain Live

The underlying settlement and privacy layer is operational.

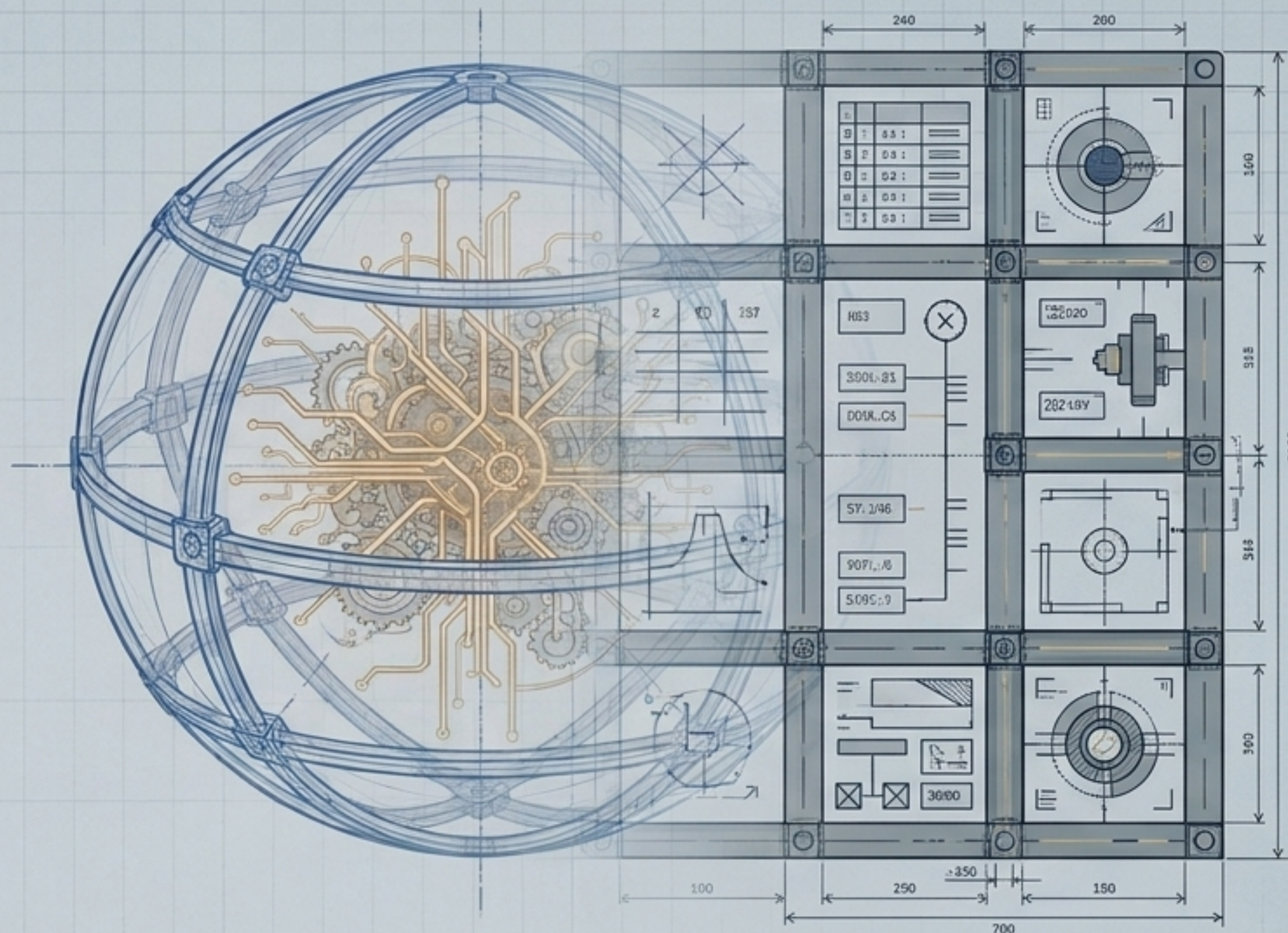
Midnight Passport (Late 2026)

Targeted launch for the first version of user identity and verified credentials.

Next Step: Formalizing the Integration

The structural overlap between Nightframes (confidential execution) and Octonomous (verifiable control) represents the frontier of decentralized AI.

Proposal: A joint technical architecture paper to define the standard for bounding autonomous agents within private execution environments.



STATUS: AWAITING INITIATION // END OF BRIEF