

ENTERPRISE SPECIFICATION • RESTRICTED CIRCULATION

SOVEREIGN AI OPERATIONS ARCHITECTURE

The Definitive Blueprint for Decoupling High-Ticket Knowledge Work
from Payroll via Deterministic Agentic Fleets

CORE MANDATE

Eliminate the \$500k–\$5M ARR Linear
Headcount Drag

DEPLOYMENT TOPOLOGY

Triad State Machines: Router, Worker, Evaluator
(ESM)

UNIT ECONOMICS

85.4% Net Operating Margin via Sub-Linear
Compute

TARGET HORIZON

Autonomous Knowledge Fleets & Sovereign
Run-Tracing

AUTONOMOUS OPS ARCHITECTURE GROUP

2026 EDITION • RESTRICTED CIRCULATION

CLASSIFICATION: EXECUTIVE REFERENCE
AUTONOMOUS PIPELINE SYSTEM

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NOTICE OF ARCHITECTURAL INTENT

This compendium constitutes an authoritative engineering and executive specification for high-margin knowledge enterprises. The principles and state machine topologies detailed herein are engineered to replace non-deterministic, conversational LLM interfaces with schema-enforced, finite state automations.

All topologies, Pydantic data contracts, and Directed Acyclic Graph (DAG) fulfillment structures are mathematically modeled to decouple corporate revenue expansion from payroll scale.

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PART I

SECTION ARCHITECTURE

The Headcount Trap & The Sovereignty Mandate

Authoritative operational topologies, finite state machines, and
mathematical unit economics governing this domain.