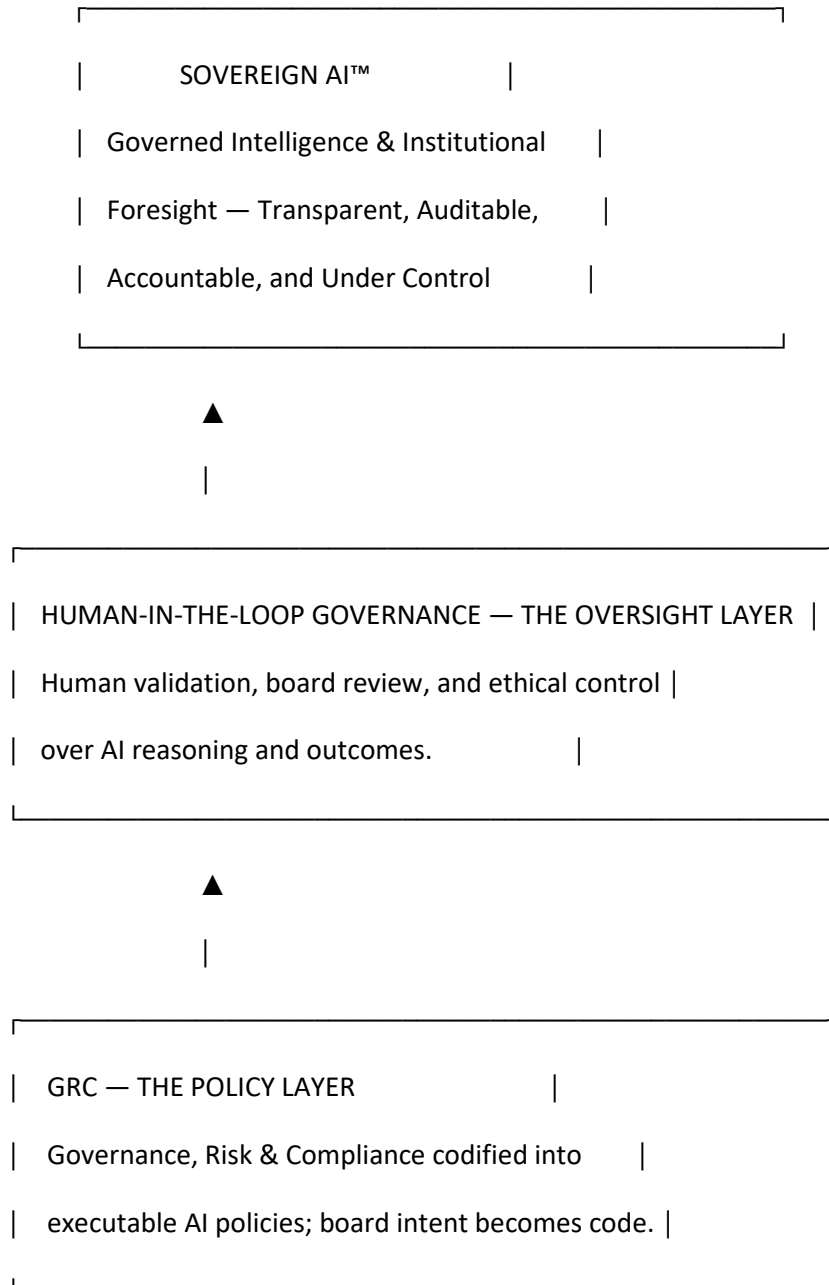




THE INSTITUTIONAL AI STACK™ — FROM ENERGY TO OVERSIGHT, EVERY LAYER OF INTELLIGENCE UNDER INSTITUTIONAL CONTROL.



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The Institutional AI Stack™ and OLTAIX™ are proprietary frameworks of Institutional AI.



AGENTIC AI — THE EXECUTION LAYER

Planner, Executor & Critic Agents performing
reconciliations, analysis, compliance checks.



MCP (MODEL CONTEXT PROTOCOL) — THE GATEKEEPER

Controls AI system interactions via governed APIs,
token-scoped access, and full audit trails.



RAG (RETRIEVAL-AUGMENTED GENERATION) — THE TRUTH

ENGINE Grounds all AI outputs in verified, local
evidence; enforces the “cite-or-fail” principle.



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MODELS (LLMs) — THE REASONING BRAIN

Generates explanations, translates data into board-ready foresight and narratives.



DATA CENTERS — THE INFRASTRUCTURE LAYER

Defines data residency, access control, and institutional sovereignty of storage and flow.



COMPUTING — THE PERFORMANCE LAYER

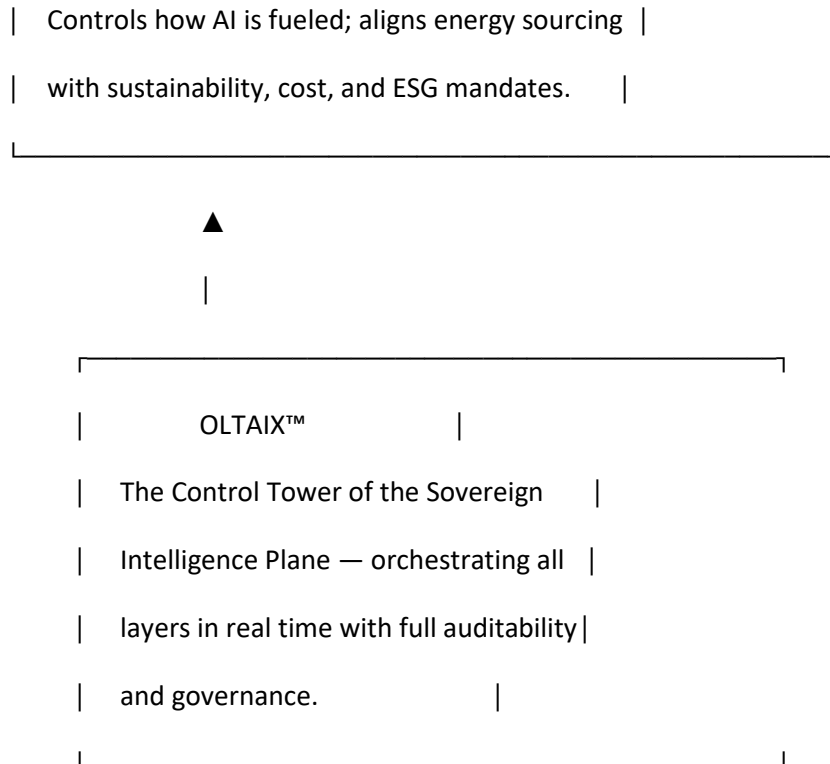
Manages compute allocation, scaling, and jurisdiction for GPU/CPU workloads.



POWER — THE ENERGY LAYER

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How to Read It

- **Bottom-up (Power → Data Centers → Models → RAG → MCP → Agentic AI):**
*Represents the **Institutional AI Stack™** — the architecture of control.*
- **Top layers (GRC → Human Governance → SOVEREIGN AI™):**
*Represent the **governance and foresight tiers** — where autonomy meets accountability.*
- **OLTAIX™** sits to the **side or overlay** in diagrams — acting as the Control Tower governing the full vertical stack.

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