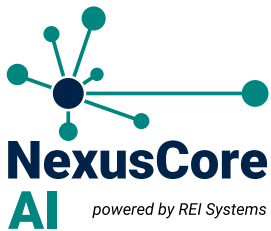


Unlocking Data Interoperability with Agentic AI



From Stovepipes to Seamless Orchestration

NexusCoreAI is REI Systems’ open, agentic-AI powered Data Orchestrator, built to make Open DAGIR real. It unlocks interoperability across Department of War (DoW) systems by mapping and aligning schemas, automating cross-domain policy enforcement, and routing queries intelligently—so decision-makers can act faster with trusted, unified data.



NexusCore AI Benefits

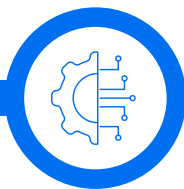
Analysts, operators, and commanders face a critical barrier: data is abundant but locked in stovepiped systems, classification boundaries, and incompatible schemas. This results in missed insights, slower decisions, and delayed actions. NexusCore AI was designed to overcome these challenges with an intelligent, agentic mesh of AI-driven capabilities.



Accelerates Decision Making
Transforms fragmented data into actionable insights in seconds, not weeks.



Secure & Policy-Embedded by Design
Integrates “policy-as-code” and cross-domain guard automation—ensuring compliance from query to delivery.



Open, Federated & Extensible
Built on open standards (Model Context Protocol), wrapping existing platforms like Advana, Palantir, Snowflake, and C3.ai.



Cost-Effective & Government-Owned
Delivered open-source (Apache 2.0) with firm-fixed-price contracts; IP remains with the DoW.

Cloud-Native. Modular. Mission-Ready

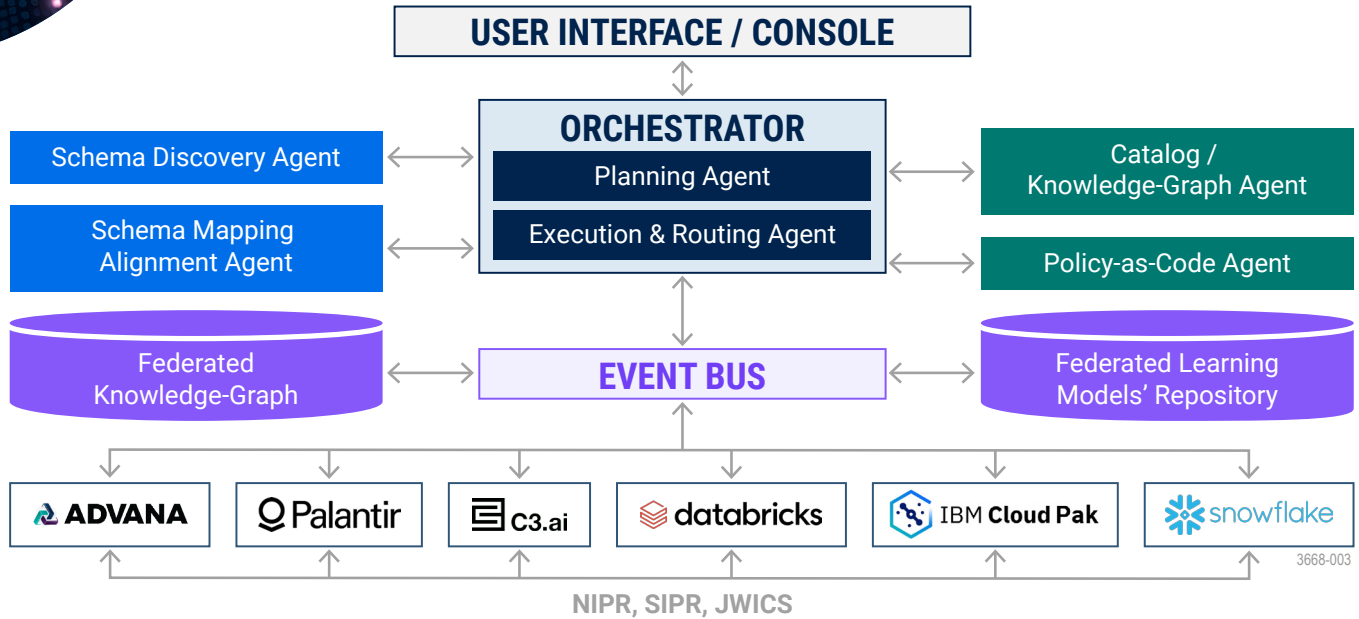
NexusCoreAI is open source, modular, built on the agency’s chosen cloud, and sandbox-ready. Deployed in IL-4/5 environments, it enables rapid prototyping and iterative integration with existing DoW platforms.





Core Agent Stack

- **Schema Discovery Agent** – Finds hidden datasets across NIPR/SIPR/JWICS.
- **Schema Alignment Agent** – Uses LLMs to align schemas to canonical ontologies.
- **Catalog & Knowledge Graph Agent** – Builds a federated semantic layer.
- **Execution Router Agent** – Translates queries into platform-specific calls.
- **Policy-as-Code Agent** – Automates classification and cross-domain movement.



Mission Impact

Drawing from REI Systems' decades of federal IT experience, NexusCore AI is designed to drive measurable improvements in mission outcomes:

- **Faster Ops** – Analysts and commanders access unified dashboards without manual exports.
- **Shared Understanding** – Seamless data flow across CJADC2, ISR, and sustainment operations.
- **Adaptive Warfighting** – AI-powered orchestration that improves with each integration.

Business Model

- Open Source; no vendor lock-in
- Firm-Fixed-Price Delivery
- Government IP Ownership

Contact us today to learn more about how REI can help you harness responsible AI. Email us at ai@reisystems.com.



View more
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