REI SYSTEMS

FACT SHEET

GovOrch™ AI: Department of War

Unlocking Mission Data Orchestration with Agentic AI

Across the Department of War, the challenge is not a lack of data, it is a lack of orchestration. Data is spread across thousands of systems, multiple enclaves, and security boundaries, and even with platforms like Advana, Vantage, PANDA, and Maven Smart System, teams still rely on manual reconciliation to answer critical questions. This fragmentation slows decisions and erodes advantage. Mission environments must move to governed, real-time orchestration.

GovOrch™ AI is REI Systems' open, agentic AI-powered data orchestration platform built to transform how the Department operates across fragmented systems. At TRL 7, it works within the environments the Department already owns, no rip-and-replace required. It automatically discovers data, understands schemas, and generates governed pipelines that deliver insights in real time without centralizing data.

The result: faster, more informed decisions across warfighting, ISR, sustainment, financial management, and acquisition; reduced manual reconciliation; and a unified operational picture across systems.

GovOrch AI turns disconnected data into decision-ready workflows without the cost and complexity of traditional integration.

The GovOrch AI Solution

GovOrch AI uses autonomous AI agents to connect data across systems creating a horizontal intelligence layer that connects to existing systems and orchestrates data dynamically.

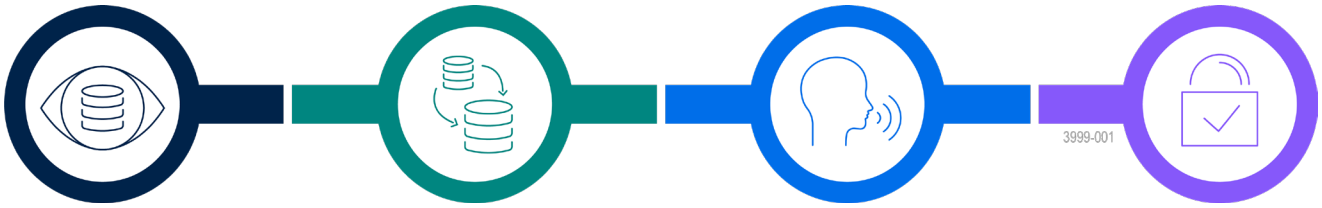
GovOrch™ AI
powered by REI Systems

Is your organization data rich but mission insight poor?

- Data is fragmented across record systems, ERPs, and intel platforms
- Users pivot across NIPR, SIPR, & JWICS for answers
- Manual reconciliation & ad hoc integration persist
- Routine questions require technical support
- Integrations are brittle, custom and resource-constrained
- Data can't unify for JADC2 or mission decisions

When these conditions persist, the Department loses time, decision advantage, and mission agility.

GovOrch AI enables agencies to:



Discover Data Automatically | **Build Data Pipelines Instantly** | **Query Systems in Natural Language** | **Maintain Security and Governance**

Core Agent Stack

These components replace manual data integration and enable governed, real-time access across systems.

- **Schema Discovery Agent** – Finds datasets and maps structures across systems
- **Response Agent** – Uses LLMs and ontologies to align schemas and definitions
- **Catalog Search and Pipeline Generation Agents** – Build semantic context and automate complex data workflows
- **Policy Agent** – Enforces security and governance on every query

And at the center, the orchestrator with routing and execution agents collaborates with other agents to translate Ask GovOrch user questions into data-driven insights.

GovOrch™.Script

At the core of GovOrch™ AI is GovOrch.Script, REI Systems' orchestration language that turns business questions into governed, executable data workflows, making them repeatable, readable, and explainable.

With GovOrch.Script, the platform can:

- **Translate** natural language requests into executable data pipelines
- **Operate** across multiple platforms and data environments
- **Reduce AI hallucinations** through deterministic, governed pipeline definitions
- **Automatically generate** the infrastructure needed to run workflows

The result: tasks that once required weeks of data engineering can be orchestrated in minutes.

Typical Department of War Use Cases

GovOrch AI supports mission-critical operations and business workflows where data must be combined across systems to drive decisions:

- Joint fires and targeting
- ISR fusion across domains
- Sustainment and readiness orchestration
- Financial management and audit reconciliation
- Acquisition and contracting visibility

Key Benefits for Department of War Missions

- Faster decision cycles across mission and business systems
- Improved operational efficiency
- Open and extensible architecture
- Secure and policy-driven
- Government-owned and vendor neutral

Request a demo to see how GovOrch AI can be deployed in your enclave in weeks. Contact us at ai@reisystems.com.

View more insights online