

# GovOrch™ AI: Federal Civilian



## Unlocking Data Interoperability with Agentic AI

Federal agencies generate vast amounts of data, but much of it remains trapped in disconnected systems. As a result, even simple questions can take weeks of manual effort, slowing decisions and driving up costs. With increasing pressure to improve efficiency and demonstrate impact, traditional data integration approaches are falling short.

**GovOrch™ AI** is REI Systems' open, agentic AI-powered data orchestration platform designed to solve one of government's most persistent challenges: insufficient data interoperability. Instead of centralizing data, GovOrch AI connects to data where it already lives, automatically discovering datasets, building pipelines, and delivering insights through natural language queries in minutes, not weeks.

**The result:** faster, cross-program decisions on funding, oversight, and risk; lower data engineering costs; and a clearer view across programs.

**GovOrch AI turns fragmented data into actionable intelligence without the complexity and costs 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 agency data rich but insight poor?**

- Critical data is spread across disconnected systems
- Programs wait days or weeks for data
- Analytics and reporting lag behind operational needs
- Decision-makers depend on technical teams for routine questions
- Integration projects require costly data engineering teams
- Program data cannot easily be combined to detect risks, trends, or inefficiencies

When these conditions persist, agencies cannot respond quickly to oversight, funding, or operational demands.

## 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 work together to replace manual data integration and enable real-time data access across systems.

- **Schema Discovery Agent** – Identifies datasets and maps data structures across systems
- **Response Agent** – Uses LLMs to reliably align schemas and data definitions across sources
- **Catalog Search and Pipeline Generation Agents** – Create federated semantic context and governed workflows for repetitive and complex data transformations
- **Policy Agent** – Ensures data access and security policies are maintained

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

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

## Typical Federal Civilian Use Cases

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

- Program oversight & performance management
- Fraud, waste, and abuse detection
- Grants and financial management
- Healthcare and public health analytics
- Acquisition and procurement analytics

**Request a demo to see how GovOrch AI can be deployed in your environment in weeks. Contact us at [ai@reisystems.com](mailto:ai@reisystems.com).**

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## GovORCH™.SCRIPT

At the core of GovOrch AI is GovOrch™.Script, REI Systems' proprietary orchestration language that simplifies complex data operations and provides a universal way to define and execute pipelines across siloed systems.

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

## Key Results for Federal Civilian Agencies

- Up to 40% reduction in data extraction and reporting time
- 30 to 40% reduction in manual data reconciliation
- Approximately 80% decrease in cross-system data inconsistencies
- Identification of \$36 million in cost avoidance in a federal environment
- Reduction of multi-week manual processes to hours



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