



# Mission Driven AI for the Public Sector

AlphaAI is a contemporary consulting firm focused on empowering public sector organizations with tailored analytics and AI solutions, driving mission success through innovative problem-solving.



## Helping the Public Sector Lead the Way

Government agencies face unique challenges in an ever-changing tech world. Growing regulations and the need for secure, reliable AI solutions have never been more critical.

At AlphaAI, we help the public sector lead with custom digital transformation strategies, innovative AI solutions, and trusted analytics. With a proven history in both commercial and federal sectors, we bring the expertise to help make your projects successful.

Now is the moment to embrace advanced technology and drive your mission forward.

An experienced  
team trusted by:



# Empowering You to Shape the Future

At AlphaAI, we don't just prepare for the future — we empower you to shape it, ensuring that public sector initiatives drive meaningful societal progress and address the evolving needs of communities.

## MACH LLM Solution

The MACH LLM solution harnesses secure, internal data to deliver precise, actionable outcomes with unmatched speed and accuracy. Built on a MACH architecture—Microservices, API-first, Cloud-native, and Headless—this solution uses robust, open-source LLM technology. By integrating advanced Retrieval-Augmented Generation (RAG) techniques, it enables agencies to analyze both structured and unstructured data seamlessly. This architecture ensures flexibility, scalability, and efficiency, empowering organizations to make sense of complex datasets and drive better decision-making.

### Tailored, Mission-Ready AI Solutions

MACH LLM offers customizable AI capabilities by integrating open-source LLMs with secure RAG techniques, engineered to meet the distinct requirements of federal agencies, from enhancing national security operations to streamlining public service delivery.

### Uncompromising Security & Scalability

Built with a hardened, scalable architecture, MACH LLM ensures top-tier data protection and compliance with federal standards like FISMA and FedRAMP. It's designed to securely support mission-critical applications across multiple agencies, scaling effortlessly to meet the demands of any federal environment.

### AI-Driven Interagency Collaboration

MACH LLM's advanced AI agents break down silos, empowering agencies with the ability to harness and share actionable intelligence across departments, enhancing decision-making processes in real-time and driving federal initiatives forward with precision and speed.

## MACH LLM Capabilities & Features

Secure RAG Integration

Scalable Multi-Agency Support

FISMA and FedRAMP-Compliant Architecture

AI Agent Collaboration

Advanced Data Encryption

AI-Powered Workflow Automation

Robust Data Anonymization Tools