

Empower Your AI Mission with Full-Stack Visibility

How Datadog helps agencies observe, secure, and scale AI workloads



Introduction

AI use is growing rapidly across government, with **nearly half of public sector employees now using AI tools daily**, according to a 2024 EY survey.¹ As federal policies evolve—from appointing Chief AI Officers to embracing more flexible, innovation-focused frameworks—agencies need tools that can adapt quickly.

Success in this environment depends on real-time visibility, secure automation, and always-on performance. Datadog’s unified observability and security platform equips agencies to monitor, secure, and scale AI workloads—supporting both strategic goals and day-to-day operations.

5 Reasons Datadog is Essential for AI-Enabled Government

Challenges	Datadog Benefits
AI workloads are complex and resource hungry. AI models, especially LLMs, rely on distributed, compute-heavy infrastructure.	Visibility across GPUs, CPUs, storage, and networks so you can scale reliably and spot issues early.
AI systems are now mission-critical. From fraud detection to citizen services, agencies can’t afford downtime.	Real-time alerts, root cause analysis, and performance tracking to keep AI systems running smoothly.
AI expands the attack surface. AI systems handle sensitive data, call new APIs, and rely on third-party tools.	Datadog’s Cloud SIEM, CSPM, and AppSec tools identify risks across your stack — no silos, no surprises.
AI generates high volumes of telemetry data. Training and inference pipelines produce huge volumes of metrics, traces, and logs.	Centralized visibility into high-velocity AI telemetry —enabling faster incident response, reduced complexity, and smarter resource allocation.
AI requires cross-functional collaboration. DevOps, ML, security, and data teams must work from the same playbook.	One shared source of truth for infrastructure, applications, logs, and models.

Policy-Aligned AI Starts with Visibility

Federal agencies are responding to new AI directives—including [Executive Order 14179](#) and OMB Memoranda [M-25-21](#) and [M-25-22](#)—by accelerating AI adoption, strengthening oversight, and modernizing procurement. These policies emphasize secure, high-impact use cases, designated Chief AI Officers, and continuous performance monitoring.

Datadog helps agencies meet these evolving mandates with a unified observability and security platform that provides real-time visibility, safeguards mission-critical systems, and ensures transparency across the AI lifecycle—regardless of how the policy environment continues to shift.

Next Steps: Get In Touch

Your AI stack doesn't need special tools—just Datadog. As federal AI mandates evolve, Datadog is ready to plug into your existing environment and scale with your mission. No bolt-on products. No blind spots. No waiting.

Ready to start your AI observability journey? Contact our team today.



Contact our Public Sector Sales team:

– Federal Sales Team: fed@datadoghq.com

– SLED Sales Team: sled@datadoghq.com



Open a trial account at app.ddog-gov.com/signup



Learn more at datadog.com/gov

Datadog for Government

Datadog for Government is the essential observability and security platform for modern government IT environments. With FedRAMP® authorization, we help reduce friction in the ATO process—empowering agencies to innovate with fewer roadblocks and less red tape.

Our dedicated public sector teams understand the mandates, mission demands, and cybersecurity challenges government leaders face. Visit the [FedRAMP® Marketplace](#) and datadog.com/gov to see how agencies are using Datadog to accelerate their missions.