

Accelerate agentic AI in the federal government:

Top takeaways

Agentic AI is propelling federal organizations beyond one-off prompts toward outcome-driven digital teammates.

Synthesizing insights from Dell Technologies and NVIDIA's new training, "Accelerate Agentic AI in the Federal Government," here are 10 punch-list ideas for every CXO, mission owner and systems integrator who is planning and implementing agentic AI in the federal government:

1 Move from prompts to purpose.

Agentic AI replaces "Summarize this memo" with "Achieve this mission goal," letting coordinated software agents plan, act and self-evaluate until success is reached.

2 Assess readiness – the real runway.

Validate executive sponsorship, data stewardship and AI-ready infrastructure before coding a single line.

3 Start small, win fast.

Use value-stream mapping to spot high-volume, low-risk tasks (help-desk triage, HR onboarding, procurement streamlining) and launch a "small agent, big impact" pilot.



4 Be smart about your solicitation.

Focus on outcomes, not features, to keep momentum and money focused on mission impact. Build in explainability, accountability, security and other guardrails – don't bolt them on later. And, advancements are coming fast, don't constrain yourself to today's technology.

5 Think product, not project.

Build modular stacks – a reasoning model, agent orchestrator, enterprise connectors and memory, and an observation/evaluation loop – that let you evolve capabilities with technology advancements, as well as mission and policy changes.

6 Secure and govern by design.

Pair guardrails with red and blue teaming to harden agents against bias, drift and jailbreaks.



7 Spin a GenAI data flywheel.

Use microservices to feed usage insights back into data curation and model tuning, squeezing more accuracy and efficiency from every interaction.

8 Elevate the workforce.

Deploy agents to multiply throughput and surface insights, freeing staff for high-value tasks. Implement targeted upskilling to turn staff into AI managers, and AI stewards.



9 Follow a five-phased roadmap.

Baseline » Pilot » Scale » Govern » Upskill keeps agencies out of pilot sprawl and locks in measurable value.

10 Put agents under continuous observation and improvement.

Instrument every layer – from reasoning model to connectors – with telemetry and evaluation. Build pause-and-approve gates based on risk and confidence so human reviewers can authorize actions. Use the observation/evaluation loop to capture reviewer feedback as training signals so agents improve while staying aligned with mission policy and security standards.

Watch the training

Agentic AI training for federal practitioners

Watch to learn how you can:



Simplify development



Strengthen security



Accelerate adoption

