People + Processes + Services

Future-Proofing AI

MeriTalk, in partnership with ViON and Dell Technologies, explores how Federal agencies are preparing for long-term Artificial Intelligence (AI) success.

THE PROMISE OF AI

64 Federal agencies have **experimented** with AI or machine learning[1], and
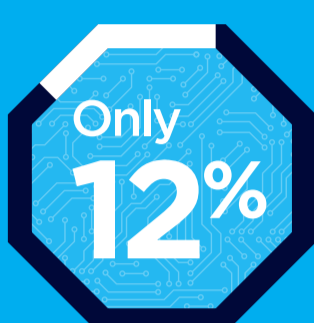
2x The President's FY21 budget commits to **doubling AI R&D** within two years[2]

"The transformative [AI] capabilities we're talking about now help us solve some of our most complex problems faster and in ways that we couldn't even imagine many years ago."
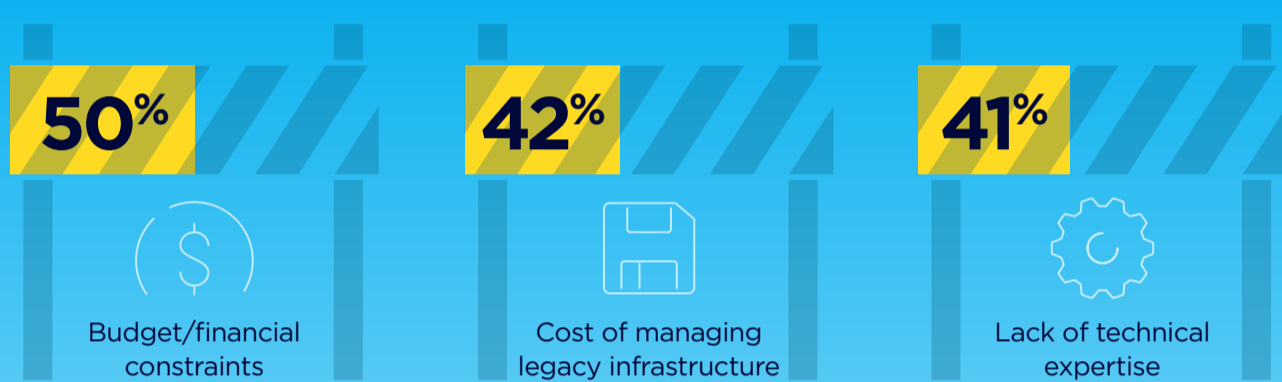– Federal CIO, Suzette Kent[3]

ROADBLOCKS AHEAD

Only **12%** of Federal agencies use highly sophisticated AI today[4]

Why?[5]

On top of a lengthy ATO process slowing traditional procurement methods, agencies face:[5]

50% Budget/financial constraints

42% Cost of managing legacy infrastructure

41% Lack of technical expertise

To jump-start AI, Feds need:

People: Increased AI-related skill sets or a managed service environment

Processes: Formal AI strategies and streamlined procurement options allowing quick pilot programs

Services: Investments in modern IT infrastructure

"While algorithms and data play strong roles in the performance of AI systems, equally important is the computing infrastructure upon which AI systems run."
– The White House[2]

AI AT YOUR SERVICE

Over **50%** of organizations say they're looking to **Infrastructure as-a-Service (IaaS)** to access new technology services like AI[6]

AI IaaS offers:

Cutting-edge infrastructure – HPC (CPU/GPU), storage, networking

On-demand expertise

Rapid deployment

Effortless scalability

Significant saving

+ with ability to stay on-premises, in a private cloud, and connect with hybrid multi-clouds

A FUTURE-PROOF FOUNDATION

Most popular use cases:[5]

Quality control

Workforce management

Cybersecurity

To get started:

People: Bypass workforce challenges by establishing trusted industry relationships

Processes: Don't try everything at once; start with a simple pilot program

Services: Leverage -aaS models to acquire and scale AI capabilities on-premise

ViON, in partnership with Dell Technologies, helps Federal agencies jump-start AI with the advanced expertise and tools to facilitate an AI infrastructure in a simple, customizable as-a-Service model.

To learn more, visit: https://go.vion.com/Federal-AI

1. New Report Shows More Than 60 Federal Agencies Experimented With AI
2. American Artificial Intelligence Initiative: Year One Annual Report
3. AI Game Changers in Federal IT
4. Government by Algorithm: Artificial Intelligence in Federal Administrative Agencies
5. Is the Federal Government Ready for AI?
6. IDC's IaaSView 2019