

AI and the Infrastructure Gap

While the President calls for American Leadership in Artificial Intelligence (AI),



80%

of agency IT budgets support legacy systems that won't make the cut in an AI-first world

10% of Feds

give their current data centers an "A" when it comes to their ability to support emerging tech, like AI¹

MOMENTUM ON PAPER

AI Executive Order

DoD AI Strategy

OPEN Government Data Act

77%

of Feds believe agencies will **need to deploy AI** over the next five years to keep up with the increasing pace of work¹

But

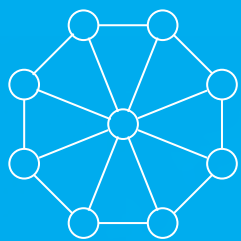
Just **33%**

say they've invested in modern hardware platforms/storage options to prepare for AI²

Artificial Intelligence, IoT, software defined... There are myriad shiny new objects, and we love them all, but without infrastructure modernization, we can't afford to transform, and new capabilities will fail to deliver.

– Steve Harris, VP and GM, Dell EMC Federal

A FUTURE-PROOF FOUNDATION



Feds rank "updated infrastructure to support the technology" as **one of the top three** things needed to advance AI⁴

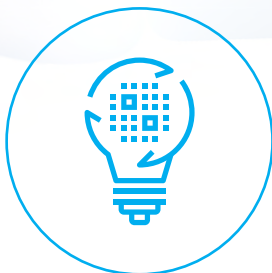
What is IaaS? A flexible model of IT consumption that can deliver all or individual elements of modern data center technology – available with or without varying levels of professional services.

83%

say **IaaS will be important** to the success of their modernization futures⁵

AI IN ACTION

Modern infrastructure is already powering AI to transform decision making and spur Federal mission progress:



New Insights:

Machine learning helped a U.S. agency improve fraud detection by 20%



Greater Operational Efficiency:

USCIS uses chatbot "Emma" to answer 1 million questions/month⁶

IAAS + ENTERPRISE CLOUD:

AI-READY INFRASTRUCTURE YOUR WAY



Reduce total cost of infrastructure

In a civilian agency, -aaS saved \$1 Million/month for first six months⁷



Meet DCOI/FITARA goals by **consolidating, migrating, and scaling**



Modernize legacy equipment and access to emerging technologies



Simplify management with end-to-end support

RESOURCE CENTER

Learn how IaaS streamlines modernization – enabling a modern storage infrastructure and security, and providing the foundation for hyper data-intensive computing.

AI-Ready Infrastructure

▶ GET SMART

vion.com/
what-we-do/artificial-intelligence

IaaS

▶ GET SMART

vion.com/IaaS

Multi-Cloud

▶ GET SMART

vion.com/
what-we-do/multi-cloud



¹ <https://insidehpc.com/white-paper/augmented-intelligence-government/>

² <https://www.meritalk.com/study/federal-ai-journey/>

³ <https://www.meritalk.com/articles/15-minutes-with-steve-harris-hitting-an-it-modernization-hole-in-one/>

⁴ <https://www.meritalk.com/study/federal-cyber-ai-iq-test/>

⁵ <https://www.meritalk.com/study/data-center-2020/>

⁶ <https://www.accenture.com/us-en/insights/us-federal-government/five-government-ready-ai-use-cases>

⁷ https://www.vion.com/wp-content/uploads/2019/01/Vion_Civilian_Agency_aaS_Solutions-Use_Case-v3.pdf