

How Multicloud Enables AI-Driven Expansion

Unlocking the potential of data-driven innovation through
• flexible, secure and scalable multicloud solutions

Why Multicloud is a Critical Component for Agencies Leveraging AI

Public sector organizations face mounting pressures — shrinking budgets, growing citizen expectations and a rising need to deliver on mission outcomes through innovation. In this landscape, AI is no longer optional. But to use it effectively, agencies must ensure their data is accessible, compliant and ready to power next-generation intelligence tools.

AI thrives on data. From training large language models (LLMs) to operationalizing predictive analytics, success depends on efficient, secure and scalable data access. A traditional single-cloud or on-prem approach can no longer keep pace.

That's why multicloud has emerged as the foundation for AI-driven modernization. By creating seamless connectivity between on-premises, private and public cloud environments, agencies can:

- Keep sensitive or regulated data securely on-premises
- Leverage elastic compute and AI services in the cloud
- Enable continuous innovation without sacrificing governance or compliance

• The driving force behind multicloud adoption today isn't just flexibility, it's readiness for the future. Agencies investing in multicloud are positioning themselves to harness AI at scale and drive mission success for years to come.



The Role of Modern Multicloud in Supporting Data Access & Data-Dependent Tools

A well-designed multicloud strategy provides the agility, control and interoperability agencies need to make the most of their data. The benefits extend beyond IT efficiency. They enable the data-driven decision making that powers modern AI operations.

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Flexibility

With multicloud, workloads can be distributed across multiple platforms, ensuring each task runs where it performs best whether that is on-prem for low latency or in the cloud for scalability. This adaptability mitigates the risks of downtime and vendor lock-in.



Scalability

AI workloads fluctuate. Multicloud provides real-time scalability to accommodate compute-intensive activities like model training or data analysis without over-provisioning infrastructure.



Compliance

Agencies operate in a landscape governed by FedRAMP, CMMC and data sovereignty requirements. Multicloud architectures enable data to be stored and processed in specific regions to maintain compliance with evolving mandates.



Access to Diverse Toolsets for Future Growth

Different clouds offer different strengths with some excelling at data analytics and others at machine learning. Multicloud strategies let agencies use best-in-class AI tools from across ecosystems, ensuring innovation isn't limited by a single vendor's capabilities.



The Dell Multicloud Advantage

Dell Technologies has redefined what multicloud can be through its AI Factory and Multicloud by design approach. Together with Red River, Dell delivers an ecosystem that unifies infrastructure, simplifies management, and empowers agencies to accelerate their AI initiatives securely and efficiently.

Agencies can go from pilot to production faster with consistent performance across on-premises and cloud environments.

Simplified AI Deployment



Dell's validated and automated rack-scale AI solutions, like APEX Cloud Platforms and AI Factory with NVIDIA, make it easier than ever to deploy, manage and scale AI workloads. Agencies can go from pilot to production faster with consistent performance across on-premises and cloud environments.

Data Governance and Control



With Dell's multicloud architecture, agencies maintain full control over sensitive data. This allows mission owners to keep critical datasets on-premises to meet compliance and security requirements while still leveraging public cloud innovation when needed. This is ideal for deploying large language models (LLMs) and other data-intensive tools.

Performance Optimization



AI workloads vary. Dell's platforms intelligently allocate resources so workloads run in the most optimal environment—whether on-premises for low latency or in the cloud for burst capacity—maximizing both performance and cost efficiency.

Ecosystem Flexibility



Dell's open ecosystem ensures integration with leading AI frameworks and toolchains, including NVIDIA NIM microservices, Red Hat OpenShift and Microsoft Azure AI. Agencies aren't locked into proprietary stacks, gaining freedom to innovate across clouds and vendors.



Dell Multicloud by Design

Multicloud by design is our vision to help customers unlock the full potential of multicloud without being constrained by siloed ecosystems of proprietary tools and services. Multicloud by design brings management consistency to storing, protecting and securing data in multicloud environments. It extends and optimizes cloud stacks to dedicated IT environments, enabling workloads to run wherever business needs, not where technology constraints dictate. And it helps streamline IT operations by bringing a cloud operating model to dedicated IT environments.



Investing in the Right Multicloud to Power AI Growth

The organizations that will lead the next decade of innovation are those investing today in data-centric, AI-ready multicloud infrastructure – solutions that not only meet current mission demands but also lay the groundwork for continuous evolution.

A modern multicloud approach ensures that as AI technologies advance and data volumes grow, agencies can adapt quickly without compromising performance, compliance or control.

Dell's multicloud AI strategy, powered by Red River's public sector and mission expertise, delivers the foundation agencies need to:

- Harness the full value of their data across environments and turn it into actionable intelligence
- Accelerate AI adoption with confidence through validated, secure, and scalable platforms
- Scale operations efficiently while maintaining visibility, governance, and compliance across every cloud

Together, Dell Technologies and Red River help agencies future-proof their infrastructure so they can move from data collection to AI-driven insight faster and with greater reliability. Multicloud isn't just a cloud strategy; it's the engine of sustainable innovation, future growth and the critical bridge between today's data and tomorrow's intelligent mission outcomes.

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The Red River Advantage: Guiding Agencies Through AI-Ready Modernization

As a trusted government technology partner for over 25 years, Red River brings deep experience in AI, cybersecurity, cloud and infrastructure modernization. Together with Dell Technologies, Red River helps agencies design and deploy AI-ready multicloud environments that align with mission goals, compliance mandates and operational realities.

Our joint expertise helps you:

- Assess data readiness and identify the right workloads for multicloud AI
- Implement compliant, secure, and scalable architectures
- Integrate Dell's AI Factory and APEX solutions to support data-driven innovation
- Sustain and optimize multicloud environments for long-term agility and performance
- Accelerate mission impact with faster AI deployments

Red River





ABOUT RED RIVER

Red River brings together the ideal combination of talent, partners and products to disrupt the status quo in technology and drive success for business and government in ways previously unattainable. Red River serves organizations well beyond traditional technology integration, bringing more than 25 years of experience and mission-critical expertise in managed services, AI, cybersecurity, modern infrastructure, collaboration and cloud solutions.

Learn more at redriver.com.