∩ NetApp

THE DATA PLATFORM
YOUR AI WORKLOADS
HAVE BEEN WAITING FOR

Unlock the power of AI. Break free from proof of concept and scale securely.

Roadblocks on the path to AI

AI has moved from experimentation to execution. But less than half of all AI pilot projects advance into production. Why? Siloed systems, outdated infrastructure, and weak security keep businesses stuck in proof-of-concept mode.

Teams spend most of their time wrangling fragmented, inaccessible, or sensitive data across silos, leading to delays, duplication, rising costs, and governance risks. Breaches, compliance gaps, and unmanaged data copies are common vulnerabilities in legacy and fragmented systems, exposing models and organizations to serious risk.

Your AI strategy shouldn't be limited by your infrastructure. Whether your data sits on your premises, in one public cloud, or across several, the goal is the same: Deliver outcomes fast, without sacrificing security or governance. The fastest path forward? Run AI where your data already lives, on a unified, secure data platform.

Bring AI to your data

Don't let siloed and inflexible storage architectures keep your AI projects from coming to life. From pilot to production, NetApp delivers the data platform your AI has been waiting for, with seamless data access and built-in security. Our unified platform brings together all of your data, on premises and in the cloud, so you can capitalize on everything that AI has to offer your business.

With the NetApp® AI data platform, you can:

- Enable your data to flow freely through the pipeline, delivering insights faster
- Avoid the risks and costs of data migrations
- Protect data and models end to end, without slowing innovation
- Scale on demand without overprovisioning or rearchitecting every time you add a use case

KEY BENEFITS

- **Accelerate innovation.** Move from AI pilot to production with a trusted data platform approach. Remove bottlenecks so your teams can deliver more insights and value to your organization.

- **Reduce risk.** Protect your data, models, and reputation with advanced security and compliance. NetApp's built-in governance and AI-powered ransomware protection keep your most valuable assets safe and compliant.

- **Lower cost and complexity.** Simplify operations and optimize your infrastructure spending. NetApp eliminates data silos and reduces the need for costly data movement, enabling you to do more with less from edge to core to cloud.

- **Scale without limits.** Support AI at any scale, anywhere. NetApp's flexible architecture grows with your organization, empowering you to innovate without limits.

Accelerate innovation

NetApp helps you run AI workloads where your data already lives and extend them seamlessly across major clouds, helping you move from pilot to production faster. Use a unified data foundation across your premises and your preferred clouds to avoid silos and keep teams productive. Connect AI to data in place rather than duplicating it between environments, cutting risk and spending while speeding results.

With NetApp's new AI data platform, you can skip the data moves and connect AI to your existing data, (no matter where it lives, without costly, risky migrations. Speed time to value with in-place selection and vectorization so you can deliver insights faster. Generate always-current metadata and vectorize content in place to accelerate retrieval-augmented generation (RAG) and inferencing workflows.

Minimize risk, maximize compliance

NetApp provides the most secure data platform on the planet for your AI workloads, so that your data is protected, governed, and always available. That's the difference between a risky AI pilot and resilient, production-grade AI. While others struggle to scale securely, NetApp empowers AI workloads that you can trust.

NetApp's AI data platform gives you compliance by design. Protect your data and models from end to end, without slowing innovation. Policy-driven security, governance, and audit-ready controls safeguard your data and models. Apply consistent privacy controls on premises and in the cloud with audit-ready guardrails, so you don't have to worry about missing critical compliance checkpoints. Maintain lineage for datasets and models to simplify reproducibility and streamline incident response. Reduce your ransomware risk with immutable, tamper-resistant copies, early-signal detection, and fast, orchestrated recovery to keep AI pipelines and dependent apps online. Enforce data residency and retention so that regulated workloads can move forward with confidence.

Reduce cost and complexity

As AI models become more complex, their computational requirements increase. Organizations need infrastructure that can scale and provide the high performance required for intensive AI tasks, such as training and fine-tuning large language models. At the same time, optimizing nonstorage resource usage, such as maximizing GPU usage, is critical for cost-effective AI operations. NetApp's AI storage architecture enables more efficient sharing of storage backends to optimize the use of network and flash resources, allowing a more flexible and cost-effective approach to storage. This innovation facilitates improvement in aggregate throughput across the cluster while simultaneously reducing rack space and power usage.

Scale without limits

AI workloads are inherently hybrid, with data often distributed across on-premises, edge, and cloud environments. With NetApp, you can develop AI in the cloud before moving on premises, or you can deploy your AI pipeline entirely in the cloud. Wherever your AI happens, our native first-party cloud storage powered by NetApp ONTAP® software gives you seamless core-to-cloud data connectivity and mobility. No other storage vendor comes close.

Scale without waste with elastic performance and capacity sizing, so you can adapt your AI workloads to fit your needs; no overprovisioning required. Hybrid multicloud integration and automated updates keep your AI stack current and competitive.

Your trusted partner in enterprise AI

AI has the potential to transform your organization, but only when it's powered by the right data foundation. NetApp helps organizations of all sizes across all industries overcome the complexity of fragmented environments by providing a smart, unified platform that adapts to where your data lives. With built-in resilience and automation, NetApp means that your data is available, secure, and ready for action. As AI becomes central to innovation, NetApp gives you the confidence to scale without compromise. It's not just about storing data; it's about activating it.

Ready to take the next step?

Check out our AI maturity self-assessment. Visit our website to learn more about our industry-leading AI solutions.

Contact Us

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