

# NETAPP AI DATA ENGINE

Accelerate enterprise AI with confidence through simplified, secure AI data pipelines



## THE PROBLEM

Organizations struggle to operationalize and scale AI, facing fragmented AI data, multiple tools, complex data movement, redundant copies, and lack of built-in governance and security. This drives up costs and complexity, stalls AI initiatives, and creates risk.

## THE SOLUTION

NetApp® AI Data Engine™ simplifies and secures the entire AI data pipeline with integrated data discovery, curation, policy-driven guardrails, and real-time vectorization for GenAI. It provides efficiencies that make AI affordable, while integrating with popular AI tools and cloud platforms.

- Simplifies the AI data pipeline with a storage-integrated solution
- Secures AI data
- Integrates with existing AI tools and platforms for faster AI deployments
- Enhances efficiency

## 7 reasons NetApp AI Data Engine helps you confidently accelerate enterprise AI



**1 Seamless, unified management:** storage-integrated, end-to-end AI data solution across on-premises and cloud environments



**2 Governance and security from day one:** automated monitoring and classification with policy-driven data guardrails and controls



**3 Efficient transformation and lower costs:** automated transformation powered by NVIDIA NIMs, advanced compression, and deduplication



**4 Global data discovery, curation, and access:** global structured data view through a metadata engine, and semantic search with fast data access



**5 Real-time data synchronization and freshness:** automated capture of change data and synchronization to keep data current and eliminate redundancies



**6 Integration with GenAI tools:** native integration with cloud AI platforms and popular GenAI tools for fast, scalable deployments



**7 Responsible AI with versioning:** automated model/data versioning for full explainability and audit readiness

## Where NetApp adds value



**Use case:** AI data transformation for GenAI, RAG, Agentic AI, and AI factories

### Benefits:

- Reduces data bloat
- Enhances performance



**Use case:** Data governance

### Benefits:

- Supports compliance
- Protects sensitive data
- Maintains security



**Use case:** Data discovery and exploration

### Benefits:

- Eliminates complex data movement
- Reduces redundant copies
- Simplifies data discovery, curation, and management

## Only NetApp offers

### Enterprise-grade security and reliability

- Integrated anti-ransomware: provides built-in protection against ransomware threats
- Comprehensive built-in governance: includes policy-driven guardrails and data anonymization to maintain compliance and security
- Enterprise-grade reliability: enables robust performance and reliability for enterprise AI workloads

### Storage-integrated AI data pipeline

- End-to-end data solution: combines data discovery, curation, policy-driven guardrails, and real-time vectorization in one storage-integrated solution that unifies data across your entire NetApp data estate
- Automated sync and change detection: allows data pipelines to work with the most recent data, reducing manual intervention
- Efficient data processing: enhances AI performance with real-time data transformation and fast semantic discovery

### Seamless integration and efficiency

- Native cloud integration: integrates natively with major cloud AI platforms and popular open-source tools
- Advanced compression and deduplication to achieve storage efficiency

**“NetApp AI Data Engine will streamline our data operations, allowing us to focus on driving insights and innovation while ensuring our data remains secure and compliant.”**

*CTO of major United States-based manufacturer*



## Additional resources

[Learn more about NetApp AI Data Engine today >](#)



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### About NetApp

For more than three decades, NetApp has helped the world's leading organizations navigate change – from the rise of enterprise storage to the intelligent era defined by data and AI. Today, NetApp is the Intelligent Data Infrastructure company, helping customers turn data into a catalyst for innovation, resilience, and growth. At the heart of that infrastructure is the NetApp data platform – the unified, enterprise-grade, intelligent foundation that connects, protects, and activates data across every cloud, workload, and environment. Built on the proven power of NetApp ONTAP, our leading data management software and OS, and enhanced by automation through the AI Data Engine and AFX, it delivers observability, resilience, and intelligence at scale. Disaggregated by design, the NetApp data platform separates storage, services, and control so enterprises can modernize faster, scale efficiently, and innovate without lock-in. As the only enterprise storage platform natively embedded in the world's largest clouds, it gives organizations the freedom to run any workload anywhere with consistent performance, governance, and protection. With NetApp, data is always ready – ready to defend against threats, ready to power AI, and ready to drive the next breakthrough. That's why the world's most forward-thinking enterprises trust NetApp to turn intelligence into advantage.

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