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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
- Reduces costs
- 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

Benefits:
- Reduces data bloat
- Enhances performance
- Lowers storage costs

Use case: Data governance

Benefits:
- Supports compliance
- Protects sensitive data
- Maintains security

Use case: Data unification across hybrid multicloud

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 data 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 cost efficiency

- Native cloud integration: integrates natively with major cloud AI platforms and popular open-source tools
- Advanced compression and deduplication: achieves 5x–10x reduction in data bloat, lowering storage costs

> "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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