Solution Brief

From Legacy to Legendary:

Accelerate Your AI Future with VAST + Acceldata

Acceldata and VAST Data offer a comprehensive solution for modernizing Hadoop environments, tackling enterprise challenges and unlocking the full value of data in the AI era.

Unlock AI Readiness by Modernizing Your Data Architecture

Together, VAST Data and Acceldata provide a powerful and future-ready solution to help enterprises modernize legacy Hadoop environments. With performance, observability, and cost-efficiency at its core, this integrated solution enables organizations to simplify their data infrastructure, optimize operations, and reinvest in AI innovation.

VAST Data

The leading data platform software company bringing businesses into the AI era. The VAST Data Platform accelerates time-to-insight for workload-intensive applications, simplifies data management, and provides unmatched scalability and performance — all in a single, unified platform

Acceldata

The industry's most comprehensive data observability and performance optimization suite for modern and legacy big data platforms. Acceldata provides end-to-end visibility across the data lifecycle, empowering organizations to manage data quality, cost, and performance with precision.

Modernize. Observe. Optimize. Transform.

As enterprises shift away from complex and expensive legacy data stacks, VAST and Acceldata offer a modern alternative that delivers:



End-to-End Support

Clients receive unified support across the full stack — from infrastructure to applications — streamlining operations and reducing vendor sprawl



Massive Cost Savings

- 50%+ reduction in support costs
- 60%+ lower infrastructure costs compared to HDFS-based systems
- Optimize TCO and free up budget to accelerate enterprise AI initiatives



AI-Ready Architecture

Modernize your data pipelines and consolidate all your data — structured and unstructured — into one platform, governed by a single security and access model. No silos, no compromises.

Use Cases

Hadoop Modernization: Replace costly legacy systems with a high-performance, open alternative.

Real-Time Observability for Hybrid and Multi-Cloud Pipelines: Gain live insights into data pipeline health, performance, and reliability across environments.

Cost-Optimized Infrastructure for Analytics & AI: Support large-scale compute workloads with a simplified, high-throughput platform.

Data Consolidation for Secure and Scalable Operations: Reduce operational complexity by collapsing data silos into a unified architect.

Example Modernization (Major Telco)

Legacy Hadoop

- Spark
- Hive
- Ranger
- Yarn
- HDFS

acceldata

- **Spark**
- **Hive**
- **Ranger**
- **Yarn**
- **VAST Data**

About VAST Data

VAST Data is the data platform company built for the AI era. As the new standard for enterprise AI infrastructure, organizations trust the VAST Data Platform to serve their most data-intensive computing needs. VAST Data empowers enterprises to unlock their data's full potential by providing simple, scalable, and architected AI infrastructure to power deep learning and GPU-accelerated data centers and clouds. Launched in 2019, VAST Data is the fastest-growing data infrastructure company in history. For more information, please visit www.vastdata.com

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03/2026