Transform Data into Action

teradata.

Teradata VantageCore powered by Dell Technologies

Essentials

- Harmonize data and trusted AI / ML

- Flexibility of the cloud, security of on-premises

- Tailored solutions, seamless support

- Deployment options to meet specific needs

Solutions:

- Quick Start

- Enterprise Data Warehouse

Platform:

- Teradata Vantage™
- Hypervisor: VMware ESXi
- Operating System: SUSE Linux Enterprise Server
- Servers: PowerEdge
- Storage: PowerVault
- Networking: PowerSwitch

Today's Situation

The flexible use of data and faster analytics performance together with AI/ML are huge accelerators in today's business environment — leading to major competitive advantages. Teradata and Dell, two of the world's most innovative and reliable leaders, come together to deliver AI value with the harmonized data and advanced analytics workloads modern businesses need. We have developed a portfolio of solutions for holistic, data-driven insight with a variety of deployment options that offer the flexibility of the cloud with the control and security of on-premises implementation.

These solutions combine the industry-leading Teradata Vantage™ analytics and data software for AI with Dell Technologies' enterprise data and AI infrastructure. The solutions are designed and optimized for a wide range of analytic use cases that enable businesses with virtual environments to extend them to enterprise data management and advanced analytics.

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Quick Start is optimized for ease and speed of deployment, with fast and efficient processing to power development. It is designed for smaller, non-mission-critical workloads such as proofs of concept, development and testing, departmental data marts, self-service analytic workspaces for data scientists and developers, and edge/IoT computing. Customers can start small with Quick Start and grow to larger-scale deployments, all within a consistent Vantage software stack.

Enterprise Data Warehouse is a purpose-built, highly available data and analytics solution for enterprise, production-scale deployment with optimized performance and reliability.

It unifies and consolidates silos of enterprise data from multiple sources, facilitating broad access in the organization while enabling advanced analytics for complex and mixed workloads with prioritization capabilities. Use cases for Enterprise Data Warehouse include customer experience optimization, financial digital transformation, supply chain management, predictive analytics, business asset information, industrial and manufacturing data management, and data silo consolidation.

Solution Overview

You can now partner with Dell Technologies to support your analytics and data modernization journey together with Teradata and realize transformational value from AI. At Dell, we recognize that every enterprise is at a different stage in their journey, and we are committed to meeting you precisely where you are.

Validated Design

Dell Validated Designs offer substantial value by providing pre-tested, reliable solutions that streamline IT infrastructure deployment. These well-documented reference architectures reduce the risk of errors, optimize system performance, and accelerate time-to-value, making them a valuable asset for efficient and successful IT projects.

This validated design offers an end-to-end solution for on-premises or multicloud enterprise data warehouse as an alternative to Teradata VantageCloud. It includes the partnership between Dell Technologies and Teradata to deliver a modern enterprise data warehouse platform powered by Dell's infrastructure.

This collaboration combines Dell's latest generation servers and storage with Teradata Vantage^{TM} – Teradata's market-leading data management and analytics software. It also includes technologies like SUSE Linux Enterprise Server operating system and VMware ESXi hypervisor.

For more information on our technical validation for the Enterprise Data Warehouse go here White Paper

Take the next step

Whether you want to expand your existing capabilities or get started with your first project, Teradata VantageCore powered by Dell Technologies offer fully integrated and optimized solutions for a wide range of data analytic use cases with rapid time to value. For more information about the solutions, please contact the Dell Technologies Teradata Solutions team teradata@dell.com .

Learn more about Dell Data Analytics solutions | Contact a Dell Technologies Expert | Dell InfoHub resources | Join the conversation with #DellKnowsData

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