Fast, Scalable, Secure and Flexible Big Data Analytics and Machine Learning Solutions for Enterprises

Vertica is one of the most advanced SQL analytical database that is purpose-built to address the most demanding Big Data analytics initiatives, with no limits and no compromises. Couple this with SUSE® Linux Enterprise Server, the pioneer of enterprise Linux, and data-driven organizations can trust that they have the most reliable, secure, high-performance big data analytics solution—giving them the flexibility to innovate freely and adapt to changing business demands, while deriving maximum value from Enterprise Data Warehouses and data lakes.

Products at a Glance:

■ **Vertica Analytics Platform**

+ *Analyze data in place and in the right place, without data movement*
+ *Future proof your analytics with the freedom to deploy on commodity hardware, across all major clouds, and natively on Hadoop*
+ *Run in-database machine learning at scale with no downsampling*
+ *Bridge the gap between high-cost, legacy EDWs and Hadoop data lakes with the fastest SQL query execution at Exabyte scale*

■ **SUSE Linux Enterprise Server**

+ *99.999% uptime with reliability, availability and serviceability*
+ *Accelerate innovation and agility by leveraging the latest open source and partner technologies*
+ *Certified to meet strict security requirements*

Quickly Extract Key Insights from Massive Amounts of Data

Data-driven organizations need to differentiate quickly or risk extinction. By achieving insightful analysis of all available data, these organizations are arriving at intelligent business decisions that quantitatively move their business forward. Vertica delivers speed without compromise, scale without limits, and the broadest range of consumption and deployment models. To help organizations avoid vendor lock-in, Vertica offers a flexible, unified architecture that supports all leading BI and data visualization tools and tightly integrates with the broadest choice of ETL tools. With in-database Machine Learning, Vertica also enables everyone from data analysts to data engineers to data scientists to work together to quickly derive maximum value from Enterprise Data Warehouses and data lakes.

Vertica on SUSE Linux Enterprise Server provides proven security and optimized performance. Vertica takes full advantage of maximized uptime, which is especially important in mission-critical environments.

■ **SUSE Linux Enterprise Server:**
  – 99.999% mission-critical availability
  – 80% savings in server management time
  – 80% cost reduction

■ **Vertica Analytics Platform:** *The broadest range of analytical offerings based on the same unified architecture*
  – **Vertica Enterprise:** The core analytical database, designed to work on clusters of cost-effective, off-the-shelf servers in data centers, with unparalleled performance and extreme scale.
  – **Vertica in the Clouds:** Optimized and pre-configured to run on

Designed for performance, speed, scalability, data security and protection, choice and flexibility

AWS, Microsoft Azure, Google and VMware clouds, Vertica is also available as a BYOL (Bring Your Own License) or subscription model (on AWS) to handle both fixed and variable workloads.

– **Vertica for SQL on Hadoop:** Run the industry's most comprehensive Vertica SQL analytics engine directly on Hadoop clusters and tap into advanced SQL on Hadoop capabilities.

Powerful and Unified Analytics Engine for All Major Clouds

That's right. Not just cloud ready, but clouds ready. Vertica and SUSE Linux Enterprise Server are supported on all major public clouds. Vertica uses the same powerful, unified analytics engine, and customers can get started in minutes with a free community edition, as well as paid subscriptions on AWS.

Get up and running in the clouds quickly, using the same unified Vertica engine for consistency and the fastest performance at-scale with zero limits. Vertica in Enterprise Mode provides tightly coupled compute and storage resources for customers with a uniform workload and fixed performance expectations on all major clouds. Vertica in Eon Mode (available on AWS) enables the separation of compute and storage to capitalize on cloud economics and dynamic workloads by scaling compute resources, independent of shared storage.

Unlock Machine Learning for the New Speed and Scale of Business

Companies that use advanced analytics and machine learning are more likely to be top financial performers and, as a result, are more likely to execute effective decisions.

Built into Vertica's core (with no need to download and install separate packages), in-database machine learning transforms the way data scientists and analysts across industries interact with data, removing barriers and accelerating time to value on predictive analytics projects.

"Vertica delivers the most complete advanced analytics platform at scale, with freedom to deploy on whatever infrastructure or cloud our customers choose. SUSE shares similar values of choice, performance, and reliability for mission-critical workloads such as Vertica. We have a long history of working together and we look forward to bringing additional innovations to market together."

JOY KING
VP, Vertica Product Management and Marketing
Micro Focus

For more information, see SUSE Linux Enterprise Server and Vertica.

Contact your SUSE or Vertica sales representative to learn more about Vertica and SUSE.