

# Vormetric Protection for Teradata Database

## DELIVERING ROBUST SECURITY TO DATABASES AND BIG DATA ENVIRONMENTS

*All the data amassed in your Teradata environments can yield significant business value—and pose a significant business risk if it's not properly secured. With Vormetric Protection for Teradata Database, your organization can gain the comprehensive, granular controls required to secure the most sensitive assets across your Teradata environments.*

### SECURING THE SENSITIVE ASSETS IN TERADATA

With Teradata database and big data analytics solutions, organizations can more fully leverage information to fuel improved decisions, products and services, and business results. However, when implemented, these Teradata-powered environments can bring together a wide range of corporate data repositories—including those that contain sensitive assets. Without proper protections, these sensitive assets can inadvertently be exposed by privileged administrators, or be the target of theft by malicious insiders and external attackers.

### INTRODUCING VORMETRIC PROTECTION FOR TERADATA DATABASE

Today, some of the largest and most security-conscious organizations in the world rely on the Vormetric Data Security Platform, which offers capabilities for file encryption, tokenization with dynamic data masking, field-level encryption, privileged user access controls, centralized key management, and file access logging.

Now, Vormetric enables your organization to leverage these robust data-at-rest security capabilities in your Teradata environments. With Vormetric's Teradata offering, you can secure the sensitive assets in these environments:

- **Teradata Database.** Vormetric Protection for Teradata Database simplifies the process of employing column-level encryption in your Teradata database. The product reduces complexity for developers by offering documented, standards-based application programming interfaces (APIs) and user-defined functions (UDFs) that can be used to perform cryptographic and key management operations.

# TERADATA®

#### Key Features:

- Centrally manage encryption across your Teradata environments—including the Teradata database and Hortonworks big data nodes
- Enforce granular controls to enable administrators to perform operational tasks, without accessing sensitive data in the clear
- Centrally manage encryption keys and policies

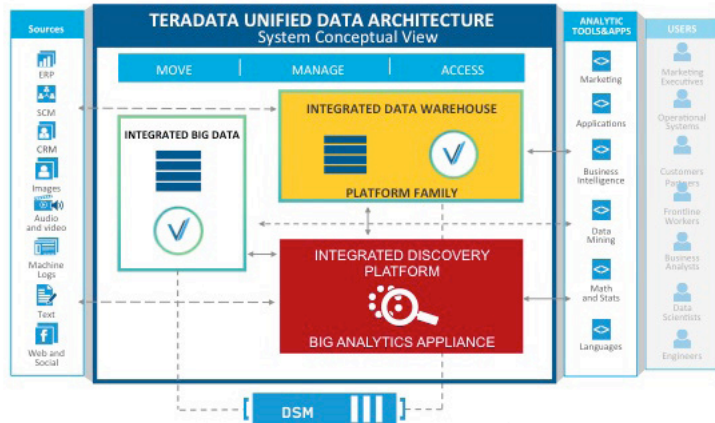
#### Key Benefits:

- Boost security without compromising the value of big data analytics
- Establish protections against cyber attacks and abuse by privileged users
- Reduce cost and administrative overhead

#### Supported Platforms:

- SUSE Linux Enterprise Server (SLES) 10 and 11
- Teradata Database V 14.0, 14.10, & 15.0

- **Teradata Integrated Big Data Platform.** Vormetric also offers strong controls, comprehensive coverage, and complete capabilities that organizations need to secure sensitive data across their Teradata environments—including Hortonworks big data nodes.



Vormetric Transparent Encryption secures the Hadoop Infrastructure  
Vormetric Teradata Database Protection secures the Integrated Data Warehouse  
All keys and policies are centrally controlled by the Vormetric Data Security Manager

*Vormetric Protection for Teradata Database enables security teams to safeguard the most sensitive assets in their databases and big data platforms, while leveraging efficient, centralized administrative controls.*

## VORMETRIC PROTECTION FOR TERADATA DATABASE: KEY FEATURES

By adopting Vormetric Protection for Teradata Database, your organization can capitalize on the following advantages:

- **Robust security.** The solution offers granular protection, enabling encryption of specific fields and columns in Teradata environments. Further, it features a hardened, FIPS-certified appliance for administration and key storage.
- **Streamlined implementation and administration.** The solution offers standards-based APIs that simplify the process of doing column-level encryption in Teradata environments. The solution offers central management of keys and policies from a number of encryption Platforms, including third party products, Teradata encryption and other Vormetric encryption solutions.
- **High performance.** With Vormetric, you can harness the high performance required to support your processing-intensive big data environments.

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# TERADATA®

### About Vormetric

Vormetric (@Vormetric) is the industry leader in data security solutions that span physical, virtual and cloud environments. Data is the new currency and Vormetric helps over 1,500 customers, including 17 of the Fortune 30 and many of the world's most security conscious government organizations, to meet compliance requirements and protect what matters—their sensitive data—from both internal and external threats. The company's scalable Vormetric Data Security Platform protects any file, any database and any application—anywhere it resides—with a high performance, market-leading data security platform that incorporates application transparent encryption, privileged user access controls, automation and security intelligence. For more information, please visit: [www.vormetric.com](http://www.vormetric.com).

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