FME for Teradata

Create a centralized view of all your business data – both geospatial and non-spatial – and access it in the Geographic Information System (GIS) applications you prefer using the powerful data loading and extraction capabilities of the leading spatial ETL solution, FME®.

FME's scalable and efficient spatial ETL (extract, transform and load) capabilities make it possible for you to bring all of your data together into a central location within Teradata® Database and access it for use in the applications of your choice. With FME, you have an efficient way to combine your geospatial data with the business intelligence in your Teradata system for an integrated view, helping to fuel better, informed business decisions based on a complete, integrated view of all your data.

Why Use FME?

In the geospatial industry, multitudes of file and database formats, data schemas, and coordinate systems are all commonplace. To gain data usability, data often needs to be transformed into the required format, model and coordinate system, as needed by the end user's destination system. You may also want to check data quality and perform data clean-up based on your specific requirements.

Spatial ETL tools like FME specialize in extracting, transforming and loading geospatial data. While standard ETL processes can be more efficient by extracting and loading data first, then transforming it within the enterprise warehouse environment, ETL performed on spatial data needs to consider the wide variety of dimensions for transformation which are best performed prior to loading.

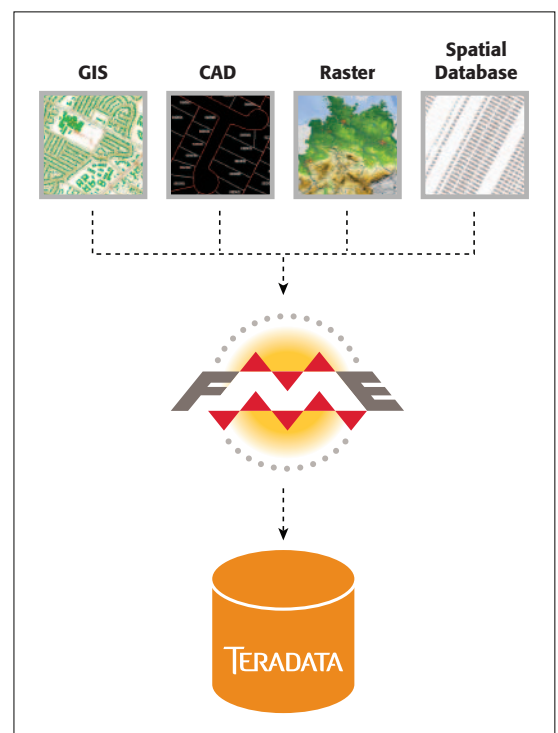## Quickly Centralize Spatial and Non-Spatial Data into Teradata Database

Enhance your business data with geospatial insight by taking advantage of FME's leading data transformation and loading capabilities. With its scalable architecture, FME is optimized to perform the high-speed loading necessary for bringing large volumes of spatial data into the Teradata system. Offering load-balanced workload management across servers, FME enables you to scale your spatial ETL capabilities as necessary to meet your performance demands.

But centralization is only as valuable as the quality of the data. Equipped with powerful quality assurance capabilities, FME enables you to efficiently perform data cleanup and validation before data is loaded into your system, ensuring that only data that meets your specific requirements is loaded.

Plus, to successfully centralize data from disparate sources, FME addresses the massive data translation, schema remodeling and coordinate system requirements of Teradata customers. Known for its unmatched data transformation capabilities and the most extensive support for spatially-enabled systems, FME ensures that regardless of your geospatial data's original source and schema, you can easily load your data into your Teradata Database.

What is FME?

Created by Safe Software, FME provides a flexible tool that enables you to quickly bring high volumes of geospatial information in and out of Teradata Database, enabling you to combine your business data and geospatial information for a completely integrated system. FME is the recognized standard in spatial ETL and is used by thousands of customers worldwide to access their geospatial data where, when and how they want to. For over 15 years, Safe Software has specialized in overcoming spatial transformation challenges to provide users with access to the data they need.

*Easily centralize spatial data into your ▶ Teradata Database using FME.*

Easily Access Your Combined Dataset within Your Preferred GIS Applications

EXTRACT GEOSPATIAL DATA FOR USE WITH GIS APPLICATIONS

Want to work with your centralized geospatial data directly within your preferred GIS applications? Equipped with read and write support for 225+ spatial systems, FME makes it simple to extract information from Teradata Database, ensuring that the business and spatial information you need can be accessed in the applications of your choice.

Because data extraction is only valuable if the resulting dataset is usable, FME's rich data schema restructuring capabilities ensure that you can accurately remodel the schema of your data to meet your target application's precise requirements. FME restructures the data as it is moved, ensuring that semantic information is not lost.

For regularly extracting information, FME is designed with your valuable time in mind. Data extraction and restructuring processes that you design today can be used again, enabling you to efficiently specify your extraction requirements once, and reuse your export workflows as needed.
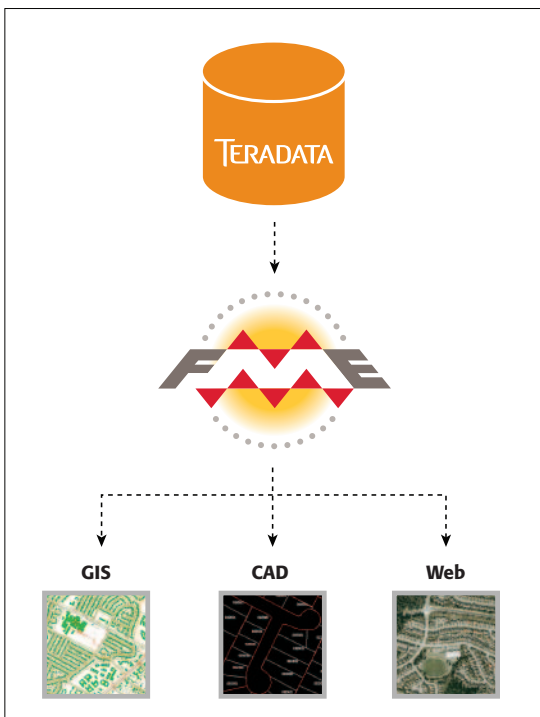
▲ Use FME to quickly access data from Teradata Database in popular spatially-enabled applications.

PROVIDE SEAMLESS ACCESS TO INFORMATION IN TERADATA

When users need access to your data, why not give it to them directly within their preferred applications? FME offers a variety of options for providing end users with seamless access to the data in your Teradata system:

■ **Provide Direct-View Access within GIS Applications**
The choice of leading GIS vendors for integration into their own solutions, FME offers read-access to Teradata Database directly within popular GIS applications including ESRI® ArcGIS®, Intergraph® GeoMedia®, Autodesk® Map® 3D, MapInfo® Professional™ and others. Give users direct access to your data directly within the applications they prefer for further analysis and visualization.

■ **Offer Self-Service Data Downloads Over the Web**
Give your users the flexibility to download the data they need in the output their destination application requires. Users simply access your data download service through a web interface and FME converts the data on-the-fly, providing users with their requested information – both business and geospatial.

■ **Live Stream Data into Spatially Aware Web Applications**
Create spatial data streaming services with FME to automatically deliver the latest information from Teradata Database directly to users through popular web applications like Google™ Earth™/ Maps™, Microsoft® Bing™, OpenLayers and others. FME dynamically converts data for quick deployment to users in whichever web applications they use.

To get more information on how FME can enable you to centralize your geospatial information in Teradata Database and access it in the GIS applications of your choice, visit www.safe.com/Teradata.

About Safe Software

Safe Software powers the flow of spatial data with its software platform, FME. The recognized standard in spatial ETL (extract, transform and load), FME is the only complete solution for data conversion. It delivers the most extensive format support for data translation and integration, and provides unlimited flexibility in data model transformation and distribution.
For more information, visit *www.safe.com*.