

TERADATA

# UNITY DATA MOVER

## EASY, EFFECTIVE DATA MOVEMENT

Moving data from one system to another is a key part of your analytical ecosystem operations. Well-planned, monitored, and managed data movement is essential to effective operation of your overall ecosystem.

Whether your goal is to complete a one-time copy of data from your enterprise data warehouse (EDW) to your test system or to regularly and continuously synchronize a dual system environment, you need confidence that the data will be in the right place at the right time while causing the smallest possible impact on the data warehouse's mission of serving your business.

The decision about the best way to copy data between Teradata systems depends on many factors, including the data model and indexes present, other workloads in your system, and additional load jobs underway.

What you need is a solution that automates the data movement process, a solution that also accommodates the many situations found within your comprehensive analytical ecosystem. And that's exactly what Unity Data Mover delivers to you and your business: all the supporting capabilities you need to easily, effectively - and affordably - meet your data movement demands.

## INTELLIGENT SELECTION

Unity Data Mover is a utility designed specifically to copy data and objects such as tables and statistics from one Teradata system to another. It takes advantage of the built-in underlying technologies already in your Teradata system. And it understands the available techniques you have for extracting data from or loading data into your Teradata Database, as well as our various load utilities, backup/restore products, and the JDBC driver.

We know there are many ways to extract and load data. But Unity Data Mover understands the strengths of each one of those techniques. The result? An intelligent selection process that dynamically chooses the most efficient and appropriate utility to accomplish any kind of data movement. And it's all accomplished seamlessly, automatically working in the background so you can focus time and resources on other tasks.

## LEVERAGE EXISTING TECHNOLOGIES

Unity Data Mover leverages all of the established data loading protocols and technologies to meet your needs and environment best. You can use the utility for:

- ~ Regular periodic tasks including populating a dependent data mart from an EDW.
- ~ Special one-time tasks such as moving data to a test system.

The utility also works with every member of our Teradata® Workload-Specific Platform Family. In addition, it supports Teradata Database V2R6.1 and higher and runs on a Teradata Managed Server for high availability and comprehensive monitoring.

## AN END-TO-END MANAGEMENT SOLUTION

You can also integrate data movement within your comprehensive ecosystem management and load jobs and automate Unity Data Mover for your production execution needs. That's because the utility can be tightly integrated with Unity Ecosystem Manager for end-to-end

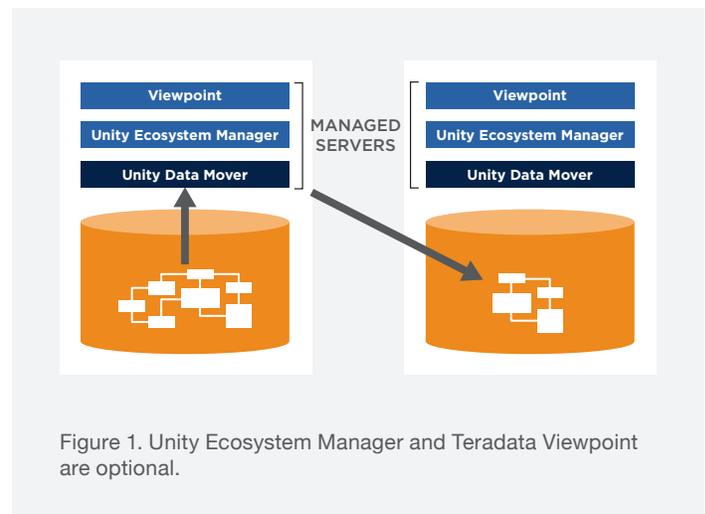


Figure 1. Unity Ecosystem Manager and Teradata Viewpoint are optional.

management of changes to your environment. The utility works with Unity Ecosystem Manager to support these commands and status messages:

- ~ Send event for the start of a job.
- ~ Send event for end of a job.
- ~ Send event for a job in progress.

And Unity Data Mover can be integrated with load processes to copy data to a second system. That means you can copy data from an EDW to a data mart as soon as the data are loaded into the EDW. Unity Data Mover also provides safeguards to force the direction of data movement and eliminate any possibility of copying data in the wrong direction. Unity Data Mover not only copies data, but reduces operational cost and complexity and improves your overall data management capabilities by copying an array of objects, including Tables, PPI tables, Global Temp Tables, Tables with LOB columns, Statistics, Triggers, Join indexes, Hash indexes, Tables with UDT columns, Users, Stored Procedures, View Definitions, and Macros.

## FLEXIBLE, POWERFUL, EASY-TO-USE

The value of any analytical system rests heavily on having the right data in the system. In fact, the very success of your enterprise can depend on the smooth operation of the data movement. That's why it's so vital that data be moved quickly and reliably between your Teradata systems. And you can add more value - and reduce operational costs - when you use production-quality tools to create standardized jobs, monitor status and progress, and handle exceptions.

Unity Data Mover offers you a complete solution to improve your processes and reduce the cost involved in maintaining the analytical ecosystem. Take advantage of its scope of data movement technologies and breadth of control mechanisms. Whether it's event-driven for automatically moving newly loaded data or ad-hoc DBA-initiated copies for exception processing, Unity Data Mover gives you the power and flexibility to strengthen your analytical environment and deliver even more value from your data.

## SWIFT, SIMPLE DATA MOVEMENT

Your analytical ecosystem uses multiple Teradata systems, each with different roles. For example, you may have a Teradata Active Enterprise Data Warehouse serving as an EDW, a Teradata Extreme Data Warehouse for deep history web click analysis, and a Teradata Data Mart Appliance as a test and development system. As part of your critical ongoing maintenance, you must be able to move or copy data from one system to another. Unity Data Mover simplifies data movement and enables process automation, control, and monitoring. It also provides a point-and-click user interface to enable powerful data movement commands.

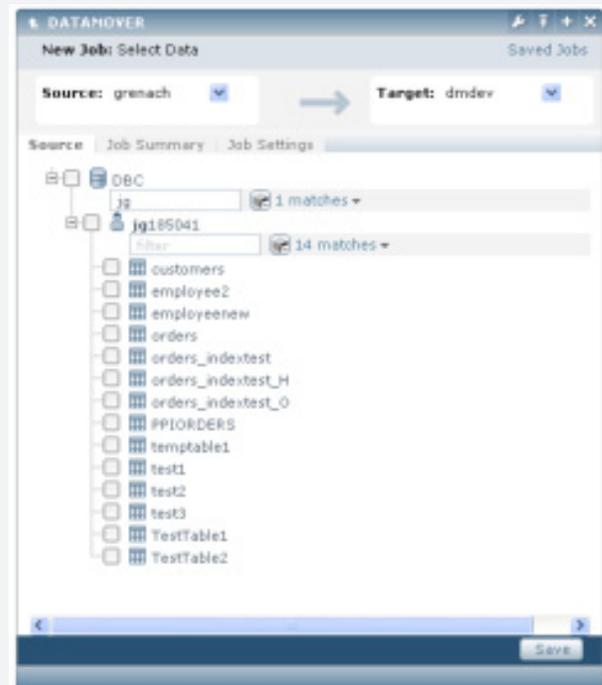


Figure 2.

## TERADATA UNITY

Unity Data Mover is part of the Teradata Unity portfolio of powerful products that are integrated to work together to turn a multi-system environment into an orchestrated analytical ecosystem. Within a Teradata analytical ecosystem, Teradata Unity comprises all the features and capabilities needed to simplify and synchronize systems. There are myriad benefits for both IT and business.

### IT BENEFITS

- ~ Automated management of the analytical ecosystem enables the warehouse to grow in sophistication and scale without a corresponding increase in staff
- ~ Architectural flexibility to deliver operational and strategic intelligence meets both business and technical needs
- ~ A comprehensive, proven solution reduces risk, saves time, and provides seamless growth in enterprise analytics

### BUSINESS BENEFITS

- ~ Transparent access to diverse analytics gets query results to users while shielding them from IT complexities
- ~ Continuous access to analytics allows uninterrupted decision making
- ~ A cost-effective solution minimizes the IT investment needed to deliver business analytics

## WHY TERADATA?

Teradata is the world's largest company focused on analytic data solutions through integrated data warehousing, big data analytics, and business applications. Only Teradata gives organizations the advantage to transform data across the organization into actionable insights empowering leaders to think boldly and act decisively for the best decisions possible.

## FOR MORE INFORMATION

To find out more about how the Unity Data Mover utility can help you maximize your data warehouse performance so you can continue to grow your business, contact your local Teradata representative or visit [Teradata.com](http://Teradata.com).



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