

Teradata

Data Warehouse

Was a historical database

When consider about active data warehouse need to update real time data set and update data.

Teradata Active Solution

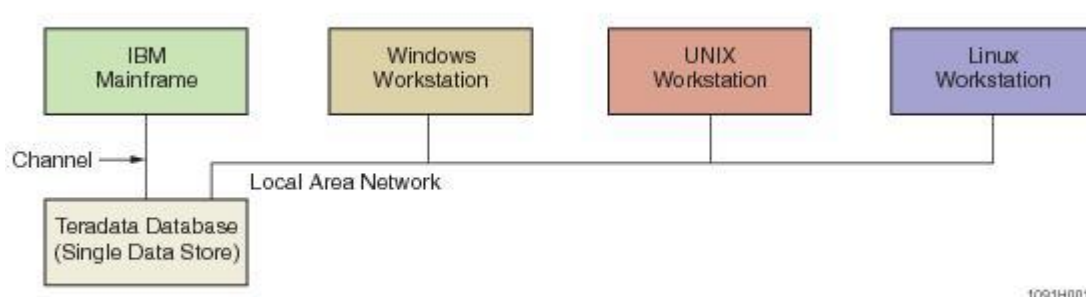
In a active data warehouse, Teradata provide both strategic intelligence and operational intelligence.

Operational intelligence entails delivering intelligence through tools and utilities and query mechanisms that support front-line or operational decision-making.

Active Access queries

Active Access queries, also referred to as tactical queries, support tactical decision-making at the front-line. Such queries can be informational, such as simply retrieving a customer record or transaction, or they may include complex analytics.

Single data store



API

| This utility... | Provides... |
|---|---|
| .NET Data Provider for Teradata | access to Teradata Database for .NET Framework applications. The Data Provider conforms to the ADO.NET specification. The ADO.NET specification is available from the Microsoft Developer Network (MSDN). |
| ODBC Driver for Teradata | access to Teradata Database from various tools, increasing the portability of access. |
| OLE DB Provider for Teradata | an interface for accessing and manipulating data stores that might not use SQL. |
| Teradata Call-Level Interface version 2 (CLLv2) | a Teradata proprietary API and library used by applications to communicate with Teradata Database. |
| Teradata Data Connector | a block-level I/O interface to one or more access modules that interface to hardware storage devices, software messaging systems. |
| Teradata JDBC Driver | platform-independent, Java-application access to Teradata Database from various tools increasing portability of data. |

Teradata Access Module

| This utility... | Provides... |
|-------------------------------------|--|
| Named Pipes Access Module | an inter-process communication link between a writer process, such as Teradata FastExport, and a reader process, such as Teradata FastLoad. |
| Teradata Access Module for JMS | a fast, asynchronous method to import and export data between Teradata Database and any JMS-enabled messaging system. Teradata Access Module for JMS can be invoked by Teradata load and unload utilities. |
| Teradata OLE DB Access Module | a dynamic link library (DLL) that acts as an interface between Teradata load and export utilities and data sources for which an OLE DB provider is available. The access module quickly moves data between an OLE DB data source and Teradata Database without requiring intermediate storage. |
| Teradata Data Connector | a software layer between a client utility and an access module. It establishes, maintains, and monitors the connection between a client utility and an access module by being statically linked to the client and dynamically linked to the access module. |
| Teradata WebSphere MQ Access Module | Teradata utilities to import data using IBM WebSphere MQ message queuing middleware. |