

Oracle's Primavera Data Warehouse for Primavera P6 Enterprise Project Portfolio Management and Primavera Unifier

Oracle's Primavera Data Warehouse is a business intelligence database optimized for enterprise deployments of Primavera P6 Enterprise Project Portfolio Management and Primavera Unifier. The Primavera Data Warehouse provides a central repository for all portfolio, project and resource data. Its open architecture allows users to create their own business intelligence analysis using any third-party reporting tools. While native analytical and reporting tools are provided in Primavera P6 and Primavera Unifier, this data warehouse allows more flexibility in creating custom analytics for executive management and the entire project team.

PRODUCT OVERVIEW

The Primavera Data Warehouse includes these key modules:

Data Warehouse Star Schema

Several physical star schema database models are included out of the box. You can utilize these tables as sets of facts & dimensions to generate pivot-table reports, design OLAP cubes and create many different types of analyses from tools including Oracle Business Intelligence, Microsoft Excel® and IBM Cognos Analytics®. The star schema also provides the data warehouse for Oracle's Primavera Analytics.

The history star schemas will give you summarized history of your projects which you can report on to determine best practices. The detailed project star schemas allow you to dive deep into project schedules & costs to determine current performance, while the resource schemas will give you capabilities to uncover previously hidden aspects of your current and required resource capacity, demand and utilization.

Extract Transform and Load (ETL)

The ETL processes for Primavera Data Warehouse operate as parallel-processing routines which allows for much greater throughput and faster execution times, resulting in reduced load and transformation times. The ETL batch jobs can be scheduled to run nightly or on more frequent invocations, depending on your particular business needs.

Key Benefits

- Discover hidden trends by enabling business users to easily analyze project data
- Access calculated data such as schedule and cost performance metrics, variances, and earned value indexes
- Perform advanced business analytics on project and portfolio data
- Reduce compliance costs by providing auditors with snapshots of data at any given time

Utilize GUI-driven configuration screens to map your custom Primavera P6 EPPM codes and user-defined fields into dimensions and facts in the reporting database to utilize for reporting.

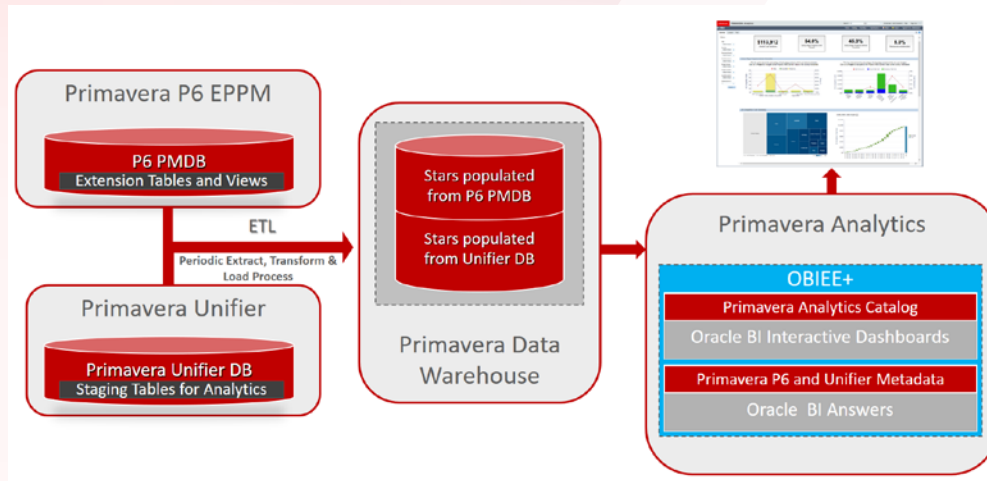


Figure 1. The Primavera Data Warehouse extracts, transforms, and loads schedule and cost data coming from Primavera P6 and Primavera Unifier. It is available stand-alone or is bundled with Primavera Analytics.

KEY FEATURES

Easy-to-Understand Data Warehouse

The data warehouse is an easy-to-understand version of the Primavera P6 EPPM and Primavera Unifier data designed to optimize database queries and analysis creation. Creating analyses against the data warehouse also ensures there is no performance impact on the transactional database.

The Primavera Data Warehouse also supports Primavera Analytics.

ETL Calculations

A prebuilt extract, transform, and load (ETL) process provides calculated data to the star schemas that is not available when you connect directly to the Primavera P6 EPPM or Primavera Unifier databases. This includes critical insight into project schedule and cost performance based on historical information.

Data Security

Primavera P6 EPPM and Primavera Unifier security model is replicated throughout the data warehouse to provide the same level of security and data access that you have provisioned in Oracle's Primavera P6 EPPM and Primavera Unifier.

Key Features

- On-premise star schemas for Primavera P6 EPPM and Primavera Unifier data
- Pre-built ETL process including automated data refresh
- Role-based security
- Business intelligence trending views
- Compatible with Oracle BI and 3rd-party reporting and business intelligence tools

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