

PRIMAVERA P6 REPORTING DATABASE



A ROBUST REPORTING AND BUSINESS INTELLIGENCE SOLUTION FOR ORACLE'S PRIMAVERA P6.

FEATURES

- Operational data store
- Project star schema
- Prebuilt ETL process to persist virtual data
- Operational views
- Business intelligence trending views
- Third-party reporting and business intelligence tools
- Scheduled data refresh
- Role-based security
- Project archive

BENEFITS

- Optimize performance by creating reports using an operational data store and not the transactional project management database
- Discover hidden trends by enabling business users to easily analyze project data
- Access calculated data such as 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

Oracle's Primavera P6 Reporting Database is a robust and powerful reporting and business intelligence database. Optimized for enterprise deployments of Primavera P6 Enterprise Project Portfolio Management solution, the Primavera P6 Reporting Database provides a central repository for all portfolio and project data. Its open architecture allows users to create operational reports and business intelligence analysis using any third-party reporting tools. While native analytical tools are provided in Primavera P6 Enterprise Project Portfolio Management and Primavera P6 Professional Project Management, this reporting database option allows you more flexibility in creating custom reports and business intelligence required for executive management and nonproject management professionals.

Product Overview

Primavera P6 Reporting Database is made up of two unique components—the operational data store and the project star schema. Designed for operational reports, the operational data store is a database that supplies an easy-to-understand and denormalized version of the project management database. The operational data store provides a granular view of projects—including hierarchies, spreads, and calendars—and persists many calculated fields. The project star schema provides a dimensional schema that organizes project data into hierarchic relationships and allows business analysts to slice through project data to uncover trends.

By persisting all of the data found in the project manager transactional database, Primavera P6 Reporting Database can provide organizations with the ability to create custom reports on any project or portfolio. The reporting databases are compatible with third-party reporting and business intelligence tools that support any reporting strategy. Primavera application security is leveraged to protect data and construct virtual walls between business units and users.

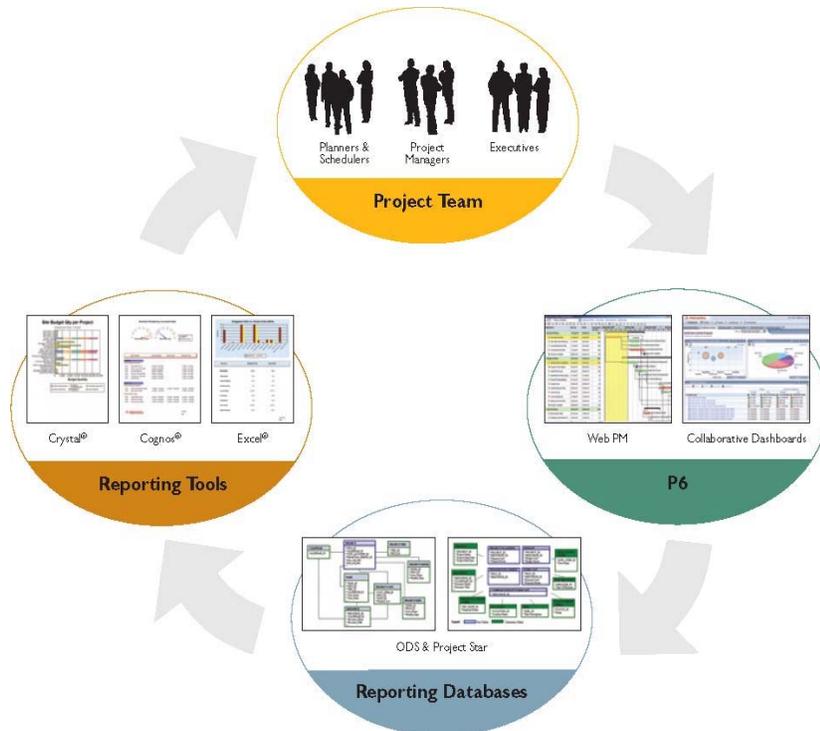


Figure 1. The project team is able to access and generate easy-to-understand reports daily without interrupting the transactional database. A sample reporting cycle using Primavera P6 Reporting Database is illustrated here.

Key Features

Primavera P6 Reporting Database offers the following key features to provide a complete business intelligence and reporting solution for Primavera P6 Enterprise Project Portfolio Management and Primavera P6 Professional Project Management.

- **Easy-to-understand reporting databases.** The reporting databases are easy-to-understand versions of the project management database designed to optimize database queries and report creation. Creating reports and analytics against the operational data store ensures there is not a performance impact on the transactional project management database and hence optimizes performance.
- **Virtual data persistence.** A prebuilt extract, transform, and load (ETL) process persists calculated types of data that would otherwise not be visible if connecting directly to the project management database. Examples of these virtual data types include performance metrics, percentage complete, variances, earned value, indexes, and work breakdown structure spreads.
- **Operational views.** The operational data store provides organizations with operational day-to-day views.

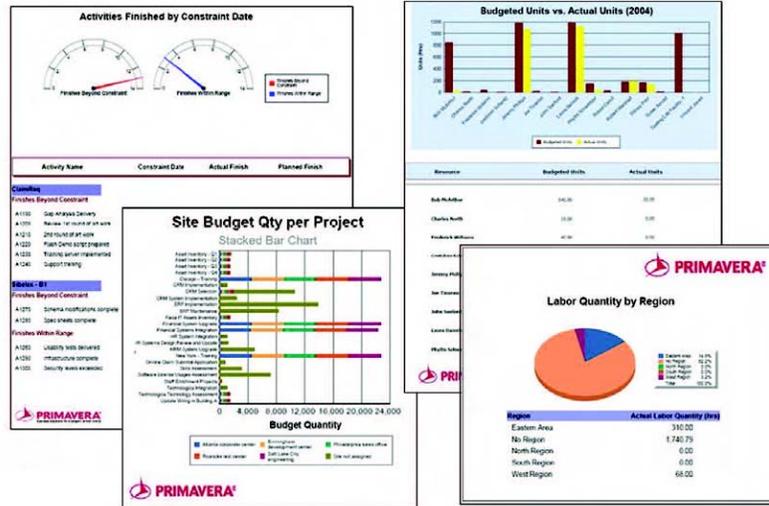


Figure 2. Create graphical day-to-day reports using the operational data store.

- **Business intelligence trending views.** The project star schema allows organizations to perform advanced business analytics on project and portfolio data. Historical snapshots capture periodic data required for trend analysis.
- **Third-party reporting and business intelligence tools.** The reporting databases are compatible with any third-party reporting and analytic tools.
- **Scheduled data refresh.** The reporting databases can be refreshed on a configurable basis down to the day, and on-demand features provide access to the most up-to-date project data.
- **Role-based security.** Role-based security is mirrored in the operational data store, providing barriers between users and project-related data.
- **Project archive.** Data persisted in the operational data store can be archived to provide auditors with mirror snapshots of project data at any given time.

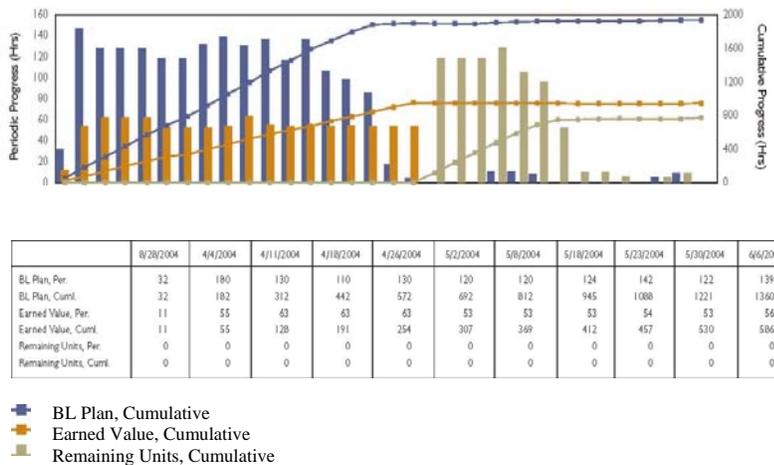


Figure 3. Measure project controls and view trends using the project star schema. This sample report shows asset inventory in an S-curve chart.

RELATED PRODUCTS

Primavera P6 Reporting Database enables you to create easy-to-understand reports without disturbing the transactional database. In addition, it organizes project data into hierarchical relationships that make it easy for business analysts to uncover trends hidden in project data.

RELATED PRODUCTS

- Primavera P6 Enterprise Project Portfolio Management
- Primavera P6 Professional Project Management
- Primavera Web Services

Contact Us

For more information about Oracle's Primavera P6 Reporting Database, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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