



EP-datawarehouse® for Enterprise Reporting

Are you getting the most out of your project data?



INNOVATIVE REPORTING METHODOLOGY

EP-datawarehouse is part of Emerald's Innovative Reporting Methodology, combining best-of-breed software with innovative approaches, proven processes and industry standard KPI reports. Emerald provides custom training and hands-on implementation support to get clients up and running as quickly as possible. Data conversion and system integration services are also available to leverage third-party technologies.

THE CHALLENGE

As users of Oracle Primavera P6 EPPM, many corporations find it difficult to capitalize fully on their project data. Because the data in Primavera P6 is constantly changing with each update to the schedule, gaining access to resource and expense information for true period-based analysis can be a major challenge. P6 users lack a secure method to take project snapshots of actuals through the life of a project in order to keep an historical record of critical project information. Also, since many IT departments in larger corporations prohibit read access of the P6 database, a standalone reporting database is needed.

THE SOLUTION

To fill the gap in enterprise reporting technology, Emerald Associates designed and built **EP-datawarehouse**, allowing clients to track changes in project scheduling data, while preserving the data in a secure database. EP-datawarehouse is a flexible standalone enterprise reporting database that takes snapshots of selected projects in P6, capturing the resource and expense actuals by time period. With EP-datawarehouse, clients no longer have to maintain project baselines in P6.

Reporting tools (such as Emerald's EP-dashboard) can then pull from the warehouse to generate powerful time period reports. For example, clients can easily chart project actuals over time, or generate delta plots showing the difference between this month's and last month's project spending forecast.

Track Resources & Expenses Over Time

The time distributed (spread) data within Primavera P6 is not stored within the database, but is instead generated on the fly for the user to view and analyze in the P6 software. It is therefore difficult for the user to take full advantage of this "virtual" spread information outside of the P6 environment.

- EP-datawarehouse generates spread data (time-distributed expense and resource information) from P6 and saves the result in user-defined database tables.
- Spread periods are set by the user to achieve the required data granularity, from fiscal period down to individual shifts.

Streamlined Reporting

The P6 database is designed to handle large and complex coding structures; therefore, it can be challenging for the regular user to develop the corporate reports they need in a timely manner. Emerald's EP-datawarehouse does the heavy lifting for you to free up time for executing and analyzing your reports.

- De-normalizing the user-selected P6 schedule data into tables that are already linked together. Users can select from project, activity, resource and resource assignment data (including user defined fields).
- Stores information in an open format to enable access by reporting tools like EP-dashboard, Crystal Reports, Sybase InfoMaker or any JDBC/ODBC reporting package.



Can you easily take project snapshots and generate comparison reports?

EP-dashboard

ENTERPRISE REPORTING TOOL

EP-datawarehouse integrates directly with predefined charts in EP-dashboard, Emerald's web-based KPI reporting tool.

EP-dashboard allows companies to leverage their information assets through visually rich, responsive and personalized business intelligence dashboards, which analyze, track, and drill-down through a wealth of information.

Full Control Over Publishing

Since EP-datawarehouse runs as a Windows Service, clients take complete control over publishing data from P6 to the reporting database.

- Publish automatically at regular intervals to coincide with schedule updates.
- Publish manually by toggling a project code in P6.

KEY BENEFITS

Enhanced functionality compared to Oracle's Primavera P6 Reporting Database:

- Setup in half an hour vs. two days for P6 Reporting Database.
- Provides greater range of data for reporting.
- User controls the interval for publishing and reporting of data from P6.

Seamless data integration with other systems:

- Integrates directly with Emerald's EP-dashboard, Emerald's web-based enterprise reporting tool that allows users to quickly and easily monitor Key Performance Indicators (KPIs).
- Integrates directly with other applications and ERP systems such as SAP and Oracle products like Primavera P6 and Contract Management.

To find out more about Emerald's EP-datawarehouse solution for enterprise reporting, please contact your local Emerald Solutions Executive.

CALGARY ■
EDMONTON ■
MONTRÉAL ■
TORONTO ■
VANCOUVER ■

main 403.686.7100 ■
toll free 1.877.316.6005 ■
emerald@emerald-associates.com ■
www.emerald-associates.com ■

Emerald
ASSOCIATES