

## Technical Brief

## Change Log



### Product Facts at a Glance

#### SAP Versions

SAP R/3 4.5b, 4.6c & 4.7

#### Requirements

SAP Project Systems

Project Management is a primary asset in today's highly competitive market. A controlled baseline plan is essential to manage a complex project. SAP Project Systems delivers the basic components for baseline management. But, it does not cover all aspects of controlling a baseline. This functionality will track all changes to a plan by change number, person, and date of change.

If your business has the requirement to track changes to a plan, please consider this solution.

### THE SOLUTION

This dassian provided enhancement is an add-on component of DP002.0 "Plan Maintenance Base Component". It adds the functionality to choose a set of plan versions that require change control. If the change control is required, it will require a change number (claim number) as part of the user input when changing the plan. The changed amounts along with the change number, user ID, and date are captured in a separate table for future reporting. This can be used as the basis for disclosing updates to the baseline to the customer, keeping a Management Reserve and Un-distributed Budget Log, and internal metrics.

## Change Log



### CAPABILITIES

The Change Log is initiated by copying from one Plan version to another using the transaction associated with DP002.0 “Plan Maintenance Base Component”. When the plan is copied, it compares the old versus the new values. The difference is stored in separate tables for future reporting. The data in the table are as follows:

- Change in cost plan at the Value Category level by period
- Change Number (Created using the standard SAP functionality of Claim Management)
- Date of the change
- User ID making the change

At time of transaction, this report can be displayed.

A separate reporting transaction allows selection of the data by:

- Object - Project, WBS element, Network Activity
- Change Number
- User ID
- Plan Version
- Change Date

This report is in the form of an ALV grid with the following functionality:

- Sort by fields
- Summarize by fields
- Filter by fields
- Download to other applications (Excel, HTML, Word, ...)

### Technical Solution

There are NO SAP modifications as part of this enhancement.

#### User Exits/BADI's:

- None

#### New Tables and Table Extensions

- Change Log Table for Currency and Hours (Like RPSCO and RPSQT)
- Configuration Table for which versions have change control

#### New Transactions

- ZDP01\_XPC\_MAINTENANCE – Table maintenance for version needing change control

### THE BOTTOM LINE

If your company intends to manage project plans using SAP R/3 Project Systems and needs to keep a log of changes made to the baseline, this enhancement should be considered.

### ABOUT dassian PLM Product Development

Dassian, Inc is an approved product development partner. We have been in business for over 5 years providing high quality enhancements to SAP PLM functionality. We have a close relationship with SAP and often partner with their development teams to provide new innovative solutions to customers.

Our customer base is wide, and includes top companies like Pratt and Whitney, Rockwell Collins, Honeywell Aerospace, and Sikorsky Aerospace.

We have a track record of support. We provide an initial warranty with follow-on support for all of our products. We currently provide support to over 100 companies that are using our products. Our support model allows entry of trouble reports into an internet based support network. Based on urgency, it is routed and resolved in a timely manner (often in less than 24 hours).