

Technical Brief

Part Flow Down



Product Facts at a Glance

SAP Versions

SAP R/3 4.5b, 4.6c & 4.7

Requirements

SAP Project Systems

Information flow is always important. Often it is required to provide information associated with the part (material) to sub-contractors, vendors, and the shop floor. This information could be anything from printing instructions to vendor quality requirements. SAP standard functionality is not robust enough to address the growing information flow requirements in today's market.

THE SOLUTION

This dassian provided enhancement allows the creation of unlimited flow down objects associated with the Material/Plant. The information can vary based on project, or can flow to all orders with that part. These items are "pegged" to the different manufacturing objects. The data can be viewed on-line, or can be easily called with a provided function module for custom reports. This functionality will work for Individual project stock, Grouped Stock (GPD), and plant stock.



Part Flow Down



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CAPABILITIES

This enhancement is divided into 4 different pieces of functionality:

- Create flow down objects and assign to flow down groups. The flow down objects can be SAP reference fields from the sales order, user defined fields (or arrays), URL's, or Long Text.
- Assign flow down group to Part/Plant (can include project WBS element if needed) and fill-in the appropriate information. Example: The printing instructions could reference to a specific printer and/or format.
- Pegging Logic: This tracks the replenishments to the originating requirement. This works for Individual Project Stock, Grouped (GPD) stock, or Plant Stock.
- Display of the flow down objects on the replenishment objects. The objects that can receive flow down are numerous. Following are examples: Purchase Req, Purchase Order, Equipment, Production Order, network Activity, Service Order

This functionality was designed to be user friendly. It includes convenient utilities like templates, copy from other Sales Orders, drag and drop.

Technical Solution

There are NO SAP modifications as part of this enhancement.

User Exits/BADI's:

- Numerous user exits are used. The customer enhancement tabs are activated for the receiving objects.

New Tables and Table Extensions

- Tables are created to store the flow down data, master data, and pegging results

New Transactions

- ZEV04_PFLOW

THE BOTTOM LINE

If your company is using SAP for manufacturing and you have information flow down requirements, 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).