



TECHNICAL BRIEF



AT A GLANCE

Product Name

Contract Flowdown

Product Code

DP004

SAP ERP Release Compatibility

SAP R3 4.7 to present

Requirements

SAP Project Systems (PS)

Company

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Contract Flow Down

When the manufacturing focus is on building to a particular contract or project, some or all of the information associated with a contract or project must flow down to sub-contractors, vendors and the shop floor (e.g. product specifications).

In a Government Contracting environment, some or all of the clauses in the prime contractor’s contract with the government must flow down to each sub-contractor’s contract with the prime contractor (e.g. prime contract number).

Dassian’s Contract Flow Down product enables the process of blanket flow down or partial flow down.

Flow down objects, which will hold the information /clauses to be shared, are created from the Sales Order, Sales Order Line Item or Project WBS element, and are made visible on the replenishment objects (e.g. Purchase Orders, Network Activities) linked to the originating requirement from the Sales Order, Sales Order Line Item or Project WBS element.

The enhancement builds upon standard SAP functionality and does not introduce core modifications.

KEY BENEFITS

- + Compliance with Government Contracting flow down requirements
- + Automates the flow down of blanket or partial information to the appropriate SAP replenishment object
- + Applicable for project stock, grouped stock (GPD), and plant stock
- + Flow-down data can be viewed on line or via reporting facility
- + Includes templates and other user convenient utilities

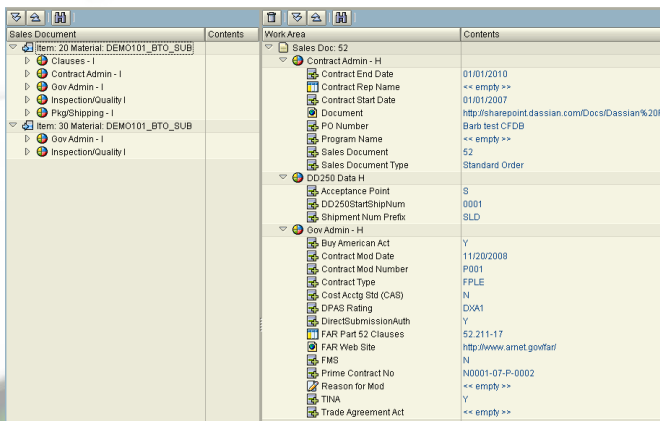
FEATURES

- Creation of unlimited flow-down objects, which can be SAP reference fields from the Sales Order, user defined fields (or arrays), long text, or URL's.
- Assignment of each flow-down object to a flow down group.
- Manual entry of information / clause to be shared on the flow down group, which is subsequently assigned to the Sales Order / Project WBS element
- Automatic display of the flow down objects on the replenishment objects linked to the originating requirement from the Sales Order, Sales Order Line Item or Project WBS Element (e.g. Purchase Requisition, Purchase Order, Equipment Production Order, Network Activity, Service Order)

TECHNICAL SOLUTION

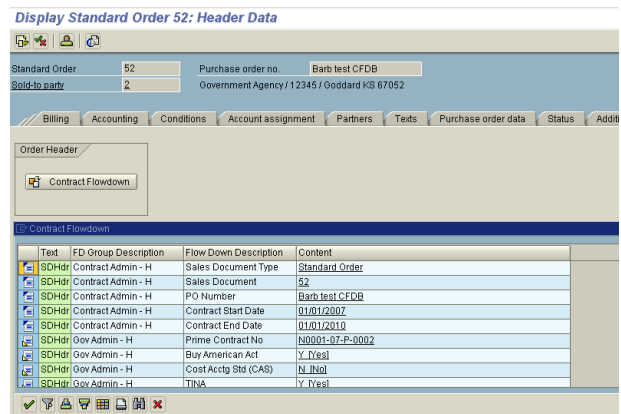
- No SAP core modifications are necessary
- User exit customer enhancement tabs, activated for the receiving objects
- New tables created to store flow down data, master data and pegging results
- New transaction codes for maintaining flow-down fields and applying them to contracts (/dsn/oo4_fdgrp and /dsn/oo4_fdsd)

Assigning the flow-down information to a sales document



The screenshot shows the SAP Sales Document configuration interface. The left pane displays a tree structure of flow-down objects, including 'Contract Admin - H', 'Contract End Date', 'Contract Rep Name', 'Contract Start Date', 'Document', 'PO Number', 'Program Name', 'Sales Document', 'Sales Document Type', 'DD250 Data H', 'Acceptance Point', 'DD250StartShipNum', 'Shipment Num Prefix', and 'Gov Admin - H'. The right pane shows the configuration for 'Sales Doc: 52', with various fields like 'Contract End Date' (01/01/2010), 'Contract Rep Name' (Barb test CFDB), 'Contract Start Date' (01/01/2007), 'Document' (http://sharepoint.dassian.com/Docs/Dassian%20P...), 'PO Number' (Barb test CFDB), 'Program Name' (52), 'Sales Document' (Standard Order), 'Sales Document Type' (Standard Order), 'DD250 Data H' (8), 'Acceptance Point' (0001), 'Shipment Num Prefix' (SLD), and 'Gov Admin - H' (Y). Other fields include 'Buy American Act' (11/20/2008), 'Contract Mod Date' (P001), 'Contract Mod Number' (FPLE), 'Contract Type' (N), 'Cost Acctg Std (CAS)' (DXA1), 'DPAS Rating' (52, 211-17), 'DirectSubmissionAuth' (http://www.amet.gov/far), 'FAR Part 52 Clauses' (FMS), 'FAR Web Site' (N0001-07-P-0002), 'Prime Contract No' (Y), 'Reason for Mod' (TINA), and 'Trade Agreement Act' (Y).

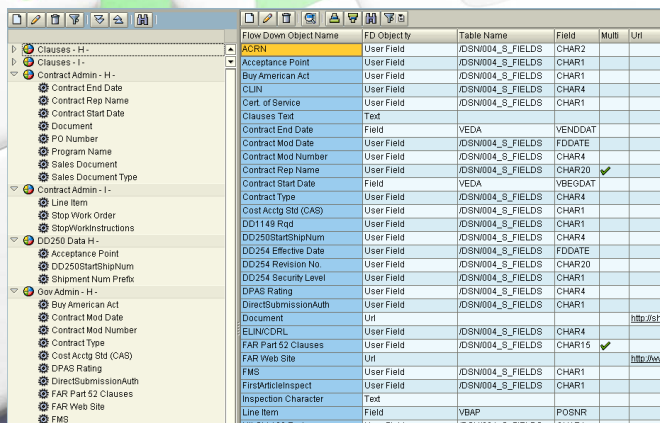
Assigning the flow-down information to a sales document



The screenshot shows the SAP Standard Order Header Data for 'Standard Order 52'. The 'Sales Document Type' is 'Standard Order'. The 'Purchase order no.' is 'Barb test CFDB'. The 'Sold-to party' is '2' and the 'Government Agency' is '12345 / Goiddard KS 67052'. The 'Order Header' section shows 'ContractFlowdown' as an active tab. Below, a table displays the flow-down information:

Text	FD Group Description	Flow Down Description	Content
SDHd	Contract Admin - H	Sales Document Type	Standard Order
SDHd	Contract Admin - H	Sales Document	52
SDHd	Contract Admin - H	PO Number	Barb test CFDB
SDHd	Contract Admin - H	Contract Start Date	01/01/2007
SDHd	Contract Admin - H	Contract End Date	01/01/2010
SDHd	Gov Admin - H	Prime Contract No	N0001-07-P-0002
SDHd	Gov Admin - H	Buy American Act	Y (Yes)
SDHd	Gov Admin - H	Cost Acctg Std (CAS)	N (No)
SDHd	Gov Admin - H	TINA	Y (Yes)

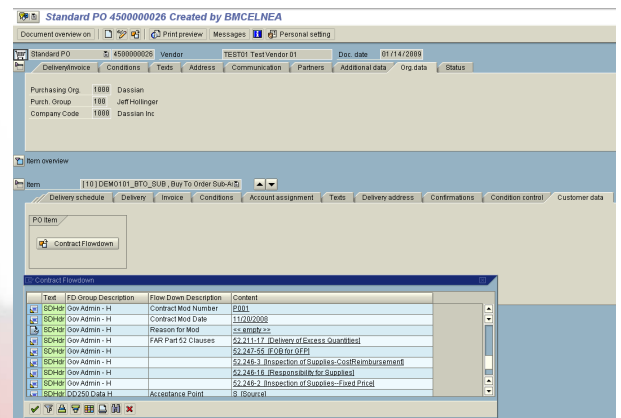
Creating the flow-down fields



The screenshot shows the SAP Flow Down Object Name table configuration. The table lists various flow-down objects and their assignments to SAP tables and fields.

Flow Down Object Name	FD Object by	Table Name	Field	Mult	Url
ACRN	User Field	/JDSN004_S_FIELDS	CHAR2		
Acceptance Point	User Field	/JDSN004_S_FIELDS	CHAR1		
Buy American Act	User Field	/JDSN004_S_FIELDS	CHAR1		
CLN	User Field	/JDSN004_S_FIELDS	CHAR4		
Cart. of Service	User Field	/JDSN004_S_FIELDS	CHAR1		
Clauses Text	Text				
Contract End Date	Field	VEDA	VENDDAT		
Contract Mod Date	User Field	/JDSN004_S_FIELDS	FDDATE		
Contract Mod Number	User Field	/JDSN004_S_FIELDS	CHAR4		
Contract Rep Name	User Field	/JDSN004_S_FIELDS	CHAR20		
Contract Start Date	Field	VEDA	VRESDAT		
Contract Type	User Field	/JDSN004_S_FIELDS	CHAR4		
Cost Acctg Std (CAS)	User Field	/JDSN004_S_FIELDS	CHAR1		
DD1149 Rod	User Field	/JDSN004_S_FIELDS	CHAR1		
DD250StartShipNum	User Field	/JDSN004_S_FIELDS	CHAR4		
DD254 Effective Date	User Field	/JDSN004_S_FIELDS	FDDATE		
DD254 Revision No.	User Field	/JDSN004_S_FIELDS	CHAR20		
DD254 Security Level	User Field	/JDSN004_S_FIELDS	CHAR1		
DPAS Rating	User Field	/JDSN004_S_FIELDS	CHAR4		
DirectSubmissionAuth	User Field	/JDSN004_S_FIELDS	CHAR1		
Document	Url				http://st
ELN/CORL	User Field	/JDSN004_S_FIELDS	CHAR4		
FAR Part 52 Clauses	User Field	/JDSN004_S_FIELDS	CHAR15		
FAR Web Site	Url				http://w
FMS	User Field	/JDSN004_S_FIELDS	CHAR1		
FirstArticleInspect	User Field	/JDSN004_S_FIELDS	CHAR1		
Inspection Character	Text				
Line Item	Field	VBAP	POSNR		

Purchase order against the contract with flow-down to the PO



The screenshot shows the SAP Standard PO 450000026 created by BMCELNEA. The document overview shows 'Standard PO 450000026' with 'Vendor' 'TEST01 Test Vendor 01' and 'Doc. date' '01/14/2009'. The 'Item' section shows 'DEM0101_BTO_SUB: Buy To Order Sub-H'. Below, a table displays the flow-down information:

Text	FD Group Description	Flow Down Description	Content
SDHd	Gov Admin - H	Contract Mod Number	0301
SDHd	Gov Admin - H	Contract Mod Date	11/20/2008
SDHd	Gov Admin - H	Reason for Mod	CLN 689883.22
SDHd	Gov Admin - H	FAR Part 52 Clauses	52, 211.17, Delivery of Excess Quantities
SDHd	Gov Admin - H		52, 242-55, EOB (by order)
SDHd	Gov Admin - H		52, 245-3, Suspension of Contract Completion
SDHd	Gov Admin - H		52, 245-11, Responsibility for Supplies
SDHd	Gov Admin - H		52, 245-2, Suspension of Supplies - Fixed Price
SDHd	DD250 Data H	Acceptance Point	8 Source