

mySAP SRM - Plan Driven Procurement Configuration Guide



Applies to:

mySAP SRM 5.5, ECC 6.0. For more information, visit the [Supplier Relationship Management homepage](#).

Summary

This article explains the necessary customization steps required for performing Plan Driven Procurement in mySAP SRM system.

Author: Kathirvel Balakrishnan

Company: Wipro Technologies

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Author Bio



Kathirvel Balakrishnan is a SAP certified SRM Consultant with Wipro Technologies and has more than 4 years of experience with SAP.

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Plan Driven Procurement Configuration

Plan-Driven procurement business scenario is used to procure requirements that are actually generated from an external system (i.e. other than SAP SRM System). The idea is to integrate SRM system with the backend or external systems (Planning, Design, Maintenance systems etc) and accelerate the procurement process as SRM will serve as the single front-end for the procurement process.

Note: The below configuration is based on the SRM 5.5 & ECC 6.0. The SRM System has the Extended Classic Scenario activated in this case.

Backend System (ECC) Configurations

To implement the Plan-Driven procurement business scenario the following customization activities needs to be performed in the backend system (ECC):

- Entry for Table TBE11
- Entry for Table TBE31
- Entry for Table TBLSYSDEST
- Profile for External Purchasing System - V_T160PR
- Criteria for External Requirements Transfer - V_T160EX

Entry for Table TBE11

The first step is to activate the below BTE (Business Transaction Events) in the table TBE11.

Change View "BTE Application Indicator": Overview

Appl.	A	Text
ND-APO	<input checked="" type="checkbox"/>	New Dimension PlugIn APO
NDI	<input checked="" type="checkbox"/>	New Dimension Integration
PI-EM	<input type="checkbox"/>	SAP Event Manager Integration
PM	<input checked="" type="checkbox"/>	Instandhaltung
PM-BW	<input checked="" type="checkbox"/>	Instandhaltung-BW

Entry for Table TBE31

The Event 01000710 needs to be included as shown below.

Change View "Publish&Subscribe BTE: SAP Enhancement":

Event	Ctr	Appl.	Function Module
01000710		NDI	CRM SRV PR UPDATE TRIGGER
01000710		PM	BBP_EPRTRANS_MAINTAIN
01000711		ND-APO	ME_APO_CHECK_MATERIAL_PLANT
01000720		BC-MID	/SPE/CRM_SEND_RESPONSE_CONF
01000720		ND-APO	ME_APO_PREPARE_CONF

Entry for Table TBLSYSDEST

The next step is to define "RFC Destination of Logical System" i.e. to which system (SRM) should the backend system (ECC) transfer the external requirements.

Data Browser: Table TBLSYSDEST Select Entries 1

Cl.	Receiver	RFC destination for BAPI calls	RFC destination for dialog calls
400	DS1CLNT500	DS1CLNT500	DS1CLNT500

Profile for External Purchasing System - V_T160PR

The next step is to define the Profile for the External Purchasing System in the backend system. Here SRM will act as the external procurement system for the ECC system.

Display View "Maintenance view for table T160PR": Overview

Prof.	Log. System
PD	DS1CLNT500

Criteria for External Requirements Transfer - V_T160EX

The next step is to define the criteria for requirement transfer. The profile created in the previous step is assigned to the combination of a Product Category (material Group) and the Purchasing Group.

Change View "Maintenance view for Table T160EX": Overview

Matl Group	Pu	Prof.	Manual
1.04.0500	IS1	PD	<input type="checkbox"/>

SRM System Configuration

SRM Organization Structure Setup




The RFC user in SRM used for making RFC connections from ECC to SRM needs to be assigned to the SRM Organization structure in the Local Purchasing Organization and Purchasing Group. Besides the organization units should also have the responsibility for the product categories (material groups) that are set up in the step “Criteria for External Requirement Transfer – V_T160EX”.

Staff assignments (structure)	Code	ID	Business P...	User ID
Local Purchase organisation	Local Purorg	O 50000048	100000032	
IS - IS Procurement IS1	P-GRP IS1	O 50000062	100000046	
BGUSER	BGUSER	S 50000600		
BGUSER	BGUSER	CP 50000601	1000000370	BGUSER

External Requirement Transfer

The last step is to transfer the requirement to the SRM System. In the below case a Purchase Requisition is transferred to SRM using the program BBP_EXTREQ_TRANSFER.

Program BBP_EXTREQ_TRANSFER

	
Selection purch. requisition	1000001197  to <input type="text"/> 
Transfer date	09.09.2008
Offset Transfer Date in Days	<input type="text"/>
Packet size for selection	<input type="text"/> 100
Max. No. of Purch. Req. Items	<input type="text"/> 100000
Name of Queue (QRFC)	BBP_EXTREQ_TRANS
<input type="checkbox"/> Several Queues	

Shopping Cart with the follow-on document details in SRM

Monitor Shopping Cart

Update Messages

Number	Name of Shopping Cart	Created by	Created on	Status
▼ 1000006699	BGUSER 08.09.13:13	BGUSER	08.09.2008	Approved
	Description	Product Category	Quantity	Status
	<u>Test - Product</u>	1.04.0500 Telemetry Equipment	120 EA	Follow-on Document Created

▼ Follow-on Documents

Currency

History

Document	Name of Document	Number of Document	Number in DS1CLNT500	Date
External Requirement			1000001197 #10	
	Total			
<u>Purchase Order</u>	Test - Product	3200002200 #1		08.09.2008
	Total			

Apart from this if sourcing is activated in SRM system the document will appear in the sourcing cockpit for the purchaser to process it further.

Related Content

[Plan-Driven Procurement with mySAP SRM](#)

[Plan-Driven Procurement](#)

[Plan-Driven Procurement with Plant Maintenance](#)

[Plan-Driven Procurement with Supplier Integration](#)

For more information, visit the [Supplier Relationship Management homepage](#).

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