

SAP Custom Development

Foreign Military Sales

SAP Defense MILSTRIP Purchasing 2.0

Configuration Guide






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Confidential

Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
EXAMPLE TEXT	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example text	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Additional icons are used in SAP Library documentation to help you identify different types of information at a glance. For more information, see *Help on Help* → *General Information Classes and Information Classes for Business Information Warehouse* on the first page of any version of *SAP Library*.

Table of Contents

1	Organization	8
1.1	Document Administration	8
1.1.1	Authors	8
1.2	Intended Group of Readers	8
1.3	Glossary	8
2	Getting Started	9
2.1	Related Information	9
2.2	Important Notes	9
3	Solution Overview	11
3.1	System Landscape	11
3.2	Implementation and Configuration – Basic Settings	11
3.2.1	IMG	11
3.2.2	NetWeaver Business Client	12
4	Business Scenario	13
4.1	Define FMS Codes and Other Settings	13
4.1.1	FMS Codes	13
4.1.1.1	Define Advice Code	13
4.1.1.2	Define Cognizance Codes	13
4.1.1.3	Define Cooperative Logistic Program Support Codes	13
4.1.1.4	Define Country and Activity Codes	13
4.1.1.5	Define Demand Codes	14
4.1.1.6	Define Delivery Term Codes	14
4.1.1.7	Define Document Identifier Codes	14
4.1.1.8	Define Freight Forwarder Codes	14
4.1.1.9	Define Fund Codes	14
4.1.1.10	Define Generic Cost Codes	14
4.1.1.11	Define Mark- For Codes	14
4.1.1.12	Offer and Release Option Codes	14
4.1.1.13	Priority Designator Codes	15
4.1.1.14	Define Procurement Source Codes	15
4.1.1.15	Define Project Codes	15
4.1.1.16	Define Purchaser Procuring Agency Code	15



4.1.1.17	Define Routing Identifier Codes	15
4.1.1.18	Define SDR Action Codes	15
4.1.1.19	Define SDR Adjustment Reply Codes.....	15
4.1.1.20	Define SDR Suffix Code Values for Report Number.....	16
4.1.1.21	Define SDR Supply Discrepancy Codes	16
4.1.1.22	Define Shipment Hold Codes	16
4.1.1.23	Define Shipment Mode Codes.....	16
4.1.1.24	Define Supply Status Codes.....	16
4.1.1.25	Define Type of Assistance and Financing Codes	16
4.1.1.26	Define US Service and Agency Codes	16
4.1.1.27	Allocating Routing Identifier and Media & Status Codes.....	17
4.1.1.28	Determine Plant and Storage Location from Purchaser Procuring Agency Code and Mark-for Code.....	17
4.1.1.29	Determine Mark-for Code from Plant and Storage Location	17
4.1.2	Define Cost Group Codes	17
4.1.3	Setup Material Master for FMS.....	17
4.1.4	Financial Settings.....	17
4.1.5	Down Payment Processing	18
4.1.5.1	How to Set-up Down Payments with FMS Case Assignments	18
4.1.5.2	Define Vendors for FMS.....	18
4.1.5.3	Number of Records allowed for DD645 Billing Statement with invalid Country Code	19
4.1.5.4	Down-payment Settings for DD645 Billing Statement	19
4.2	FM Integration.....	19
4.2.1	Down Payment Processing	19
4.2.1.1	Settings for automatic Down Payment Posting	19
4.2.1.2	Define Processing of Down payment Transfers to PO	19
4.2.1.3	Settings for Prepayment Scenarios for Down Payment Transfer	19
4.2.1.4	Allow Combined Commitment Plan for Contract Types	20
4.2.1.5	Maintain General FMS Settings.....	20
4.3	FMS Case/Contract Maintenance.....	20
4.3.1	Define Purchasing Document Types for FMS Cases	20
4.3.2	Maintain FMS Field Validation for FMS Cases.....	20
4.3.3	Maintain Field Selection Profile for FMS Cases	20
4.3.4	Assign 'Below the Line Costs' to FMS Case Header Cost Type	21
4.3.5	Define Customer's Status.....	21
4.3.6	Define Customer's Program and Default Cost Center	21
4.3.7	Define Percentage of FMS Case Consumption by Call-offs	21
4.4	FMS Purchase Order Maintenance	21
4.4.1	Maintain FMS Field Validation for PO, FMS Messages, and DL.....	22
4.4.2	Maintain Field Selection Profiles for Purchase Orders	22
4.4.3	Define Order Type for Automatic FMS PO Creation.....	22

4.4.4	Determine Priority Designator Code from Delivery Date	23
4.4.5	Convert PO Quantity Unit to MILSTRIP Unit and Vice-Versa	23
4.4.6	Maintain Settings for Exception Message Handling	23
4.4.7	Control PO Item for Modifications.....	23
4.4.8	Determine PO Control for Message Status Codes BA and BV	23
4.4.9	Transfer Supply Status Code Values to PO Item	23
4.4.10	Control PO Item for Critical Updates.....	23
4.5	FMS Message Processing	24
4.5.1	Define Rejection, Confirmation and Follow-up Conditions for FMS Messages.....	24
4.5.2	Outbound Message Creation Maintenance.....	24
4.5.2.1	Maintain Settings for Outbound Message Creation	24
4.5.3	Inbound Message Processing Maintenance	24
4.5.3.1	Maintain Settings for Inbound Message Processing.....	24
4.5.3.2	Maintain Settings for FMS Message Parallel Processing	25
4.5.3.3	Maintain non-requested Cancellation Messages.....	25
4.5.3.4	Maintain Processing Type for Inbound Messages.....	25
4.5.4	FMS Buyer Worklist Maintenance	25
4.6	Delivery List Processing.....	25
4.6.1	Delivery List Invoicing Maintenance.....	25
4.6.1.1	Maintain Settings for Delivery List Invoicing	25
4.6.1.2	Maintain Settings for Delivery List Parallel Processing.....	26
4.6.1.3	Notifications to be created for FMS Buyer Worklist	26
4.6.1.4	Action to be triggered when receiving Cancellation Costs	26
4.6.1.5	Maintain Cost Group-dependent DL Process Parameters	26
4.6.1.6	Assign Delivery List Item to Cost Group	27
4.6.1.7	Maintain SDR Follow-on Activities for Adjustment Reply Code (ARC) Values	27
4.6.2	Delivery List Worklist Maintenance.....	27
4.7	Supply Discrepancy Report (SDR) Processing	28
4.7.1	Define Notification Types for SDR	28
4.7.2	Maintain Settings for Creating SDR from potential SDR.....	28
4.7.3	Maintain Settings for SDR Processing.....	28
4.7.4	Maintain Addresses for SDR Form 364	28
4.7.4.1	Assign Business Partners to US Service Agency Code Values	29
4.7.4.2	Maintain Addresses for Freight Forwarder Code Values	29
4.7.4.3	Maintain Miscellaneous Addresses.....	29
4.7.5	Assign User Status to Certain Event in SDR.....	29
4.7.6	Data Protection & Privacy: Masking of Person-Related SDR Fields	29
4.8	System Acquisition: Maintain Settings for Excel Upload.....	30
4.9	Business Add-Ins for FMS.....	30
4.9.1	BADIs for Common Settings	30
4.9.1.1	BADi: Convert NSN to Material Group and Material	30

4.9.1.2	BAdI: Convert ESD to Delivery Date in PO and Delivery Date to RDD	30
4.9.1.3	BAdI: Map FMS Messages.....	31
4.9.1.4	BAdI: Map Delivery List Items.....	31
4.9.1.5	BAdI: Validate FMS Codes.....	31
4.9.1.6	BAdI: Exclude Inbound Delivery for certain PO Items	31
4.9.1.7	BAdI: Pre-check MILSTRIP strings of inbound FMS messages.....	31
4.9.1.8	BAdI: Pre-check MILSBILL strings of received Delivery List.....	32
4.9.2	BAdI for PO Maintenance.....	32
4.9.2.1	BAdI: Complete FMS Data in PO.....	32
4.9.2.2	BAdI: Create A05 Exception Message Content.....	32
4.9.2.3	BAdI: Create XDN Exception Message Content.....	32
4.9.2.4	BAdI: Check XDN Exception Message Content	32
4.9.3	BAdIs for FMS Outbound Message Processing	33
4.9.3.1	BAdI: Perform Customer-specific FMS Message Download	33
4.9.4	BAdIs for FMS Inbound Message Processing.....	33
4.9.4.1	BAdI: Upload, Change, and Filter FMS Inbound Messages.....	33
4.9.4.2	BAdI: Define FMS Inbound Message Processing.....	33
4.9.5	BAdIs for Delivery List Processing.....	33
4.9.5.1	BAdI: Change or Filter FMS DL Items during Upload	34
4.9.5.2	BAdI: Define Delivery List Processing.....	34
4.9.5.3	BAdI: Define Delivery List Processing.....	34
4.9.5.4	BAdI: Update Status on SDR Notification	34
4.9.5.5	BAdI: Change Invoice/ Credit Parameters	34
4.9.5.6	BAdI: Define Customer-specific Process Step	34
4.9.6	BAdI for SDR.....	35
4.9.6.1	BAdI: Complete FMS Data in Supply Discrepancy Report (SDR).....	35
4.9.6.2	BAdI: Change Content and Form of SF364 Printout.....	35
4.9.7	BAdI for System Acquisition	35
4.9.7.1	BAdI: Automatic assignments of purchase orders to SPLs.....	35
4.9.8	BAdIs for Funds Management.....	35
4.9.8.1	BAdI: Enhance Contents of Funds Reservation created by Commitment Plan	35
4.9.8.2	BAdI: Enhance automatic Down Payment related Postings for FMS	36
4.9.8.3	BAdI: Enhance Line Item Data provided to DP Posting Engine.....	36
4.9.8.4	BAdI: Define additional Document Types to be regarded as Transfer	36
4.10	Additional Configuration	37
4.10.1	Standard Materials Management (MM) Configuration	37
4.10.1.1	Define Number Range for FMS Contract	37
4.10.1.2	Define Field Selection Rules for FMS contracts	37
4.10.1.3	Create an FMS-specific Contract Document Type	39
4.10.1.4	Determine Combined Commitment Plan per Contract Type	40
4.10.1.5	Set FMS as the Default Document Type for ME31K (optional)	40
4.10.1.6	Adjust PO Screen Layout Rule.....	41



4.10.1.7	Create FMS Purchase Requisition Document Type	41
4.10.1.8	Maintain Vendor Confirmation Control for Inbound Deliveries	41
4.10.2	Down Payment Configuration.....	41
4.10.2.1	Define Alternative Reconciliation Account for Down-payments.....	41
4.10.2.2	Define Account for Input Tax Clearing on Down-payment	42
4.10.2.3	Define Document Types for Down-payment Transfer.....	43
4.10.2.4	Assign Document Types to Specific Down-payment Scenarios.....	43
4.10.2.5	Classify Document Types for Document Splitting.....	44
4.10.2.6	Configure Rules for Processing Down-payment Transfers to PO	44
4.10.2.7	Activate Business Function for FM	44
4.10.2.8	Configure Settings for automatic Down-payment Postings.....	46
4.10.3	FI Master Data and Configuration.....	46
4.10.3.1	Define General Ledger Account for FMS Down Payment Suspense Postings	46
4.10.3.2	Classify FMS Suspense GL of Document Splitting.....	49
4.10.3.3	Classify FMS Suspense GL of Document Splitting.....	49
4.10.3.4	Define Special GL Indicator for Suspense Amounts (Optional).....	50
4.10.3.5	Adjust Field Status Settings on Posting Keys.....	51
4.10.3.6	Define Constants for Document Splitting	51
4.10.4	Maintain View V_TQSUB for Notification in SDR	52
4.10.5	QM Configuration for SDR	52
4.10.5.1	Create Notification Type YQ	52
4.10.5.2	Define User Status Profile	54
4.10.5.3	Define Action Box for Sending Emails	54
4.11	SAP Funds Management Integration.....	55
4.11.1	Funds Management Configuration	55
4.11.1.1	Define FMS tolerance key for earmarked funds	55
4.11.1.2	Define FMS Tolerance Limits for Differing Amounts.....	55
4.11.1.3	Define FMS Funds Reservation Document Type	55
4.11.1.4	Define FMS Funds Reservation Document Type	55
4.11.1.5	Define Account Assignment Transfer Rules for Earmarked Funds.....	56
4.11.1.6	Assign Rules for Account Assignment Transfer Rules for Earmarked Funds.....	56
4.11.1.7	Define Blocking Reason for FMS Earmarked Funds	56
4.11.1.8	Define MM/FM Integration Scenario for FMS Contracts	56
4.11.1.9	Define FMS Purchase Requisitions for Statistical Update in Funds Management.	57
4.11.1.10	Verify GR/IR FM Update Setting for FM Area	57
4.11.1.11	Verify GR/IR FM Update Setting for FM Area	57
4.11.2	SAP DMP 2.0 FM Integration – Configuration and Customization.....	58
4.11.2.1	Down-payment Processing Configuration	58
4.11.2.2	Allow Combined Commitment Plan for Contract Types	59

1 Organization

1.1 Document Administration

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1.2 Intended Group of Readers

- Technical Consultants
- System Administrators
- Solution Consultants
- Business Process Owner
- Support Specialist

1.3 Glossary

Term	Definition
DMP	Defense MILSTRIP Purchasing. This is SAP's solution for Foreign Military Sales.
FMS	Foreign Military Sales. FMS is a US government program that allows governments foreign to the US to purchase military articles and services from and through the US military. It uses a coded MILSTRIP messaging system to pass information. FMS operates under the guidance of the DSCA.
SAP FM	SAP Funds Management

2 Getting Started

This SAP DMP 2.0 Configuration Guide provides a central starting point for the technical implementation and configuration of the SAP DMP 2.0 FMS solution. It contains all activities for the configuration of SAP DMP 2.0.

SAP DMP 2.0 is a purchasing scenario variant used to allow Foreign Military Sales customers to create and manage FMS activity in their SAP environment. The scenario encompasses the following:

- FMS case (contract) creation and maintenance
- FMS purchase order creation and maintenance
- Inbound and outbound MILSTRIP message handling
- Goods receipt using MILSTRIP document number
- Delivery list invoice and credit processing
- System acquisition management
- FMS reporting

You can choose from several generic business scenarios and find all information that is relevant for the technical implementation and configuration of a specific business scenario.

This Configuration Guide provides information about the components and guides that are required during the implementation process.

2.1 Related Information

- Specification Document
- SAP Solution Manager
- IMG
- SAP DMP 2.0 Master Guide
- SAP DMP 2.0 Operations Guide

2.2 Important Notes

You **must** ensure that the required software is installed before you start the implementation. You can find the information about installation in the SAP DMP 2.0 Master Guide. The SAP notes contain the most recent information about the installation and the corrections to the installation documentation. You must, therefore, ensure that you have the up-to-date version of each SAP Note.



The following note is technically required for installing SP05 (SAPK-60405INFMFMS):

SAP Note Number	Title	Description
1828217	Commitment Plan for MM-PUR Agreements: New field "Due Date"	Required note for implementing SP04 (SAPK-60404INFMFMS)

We recommend that you read the SAP notes listed below before proceeding with the installation and implementation of the solution.

List of Related SAP Notes

Make sure that you have the up-to-date version of each SAP Note, which you can find on SAP Service Marketplace at <http://service.sap.com/notes>.

SAP Note Number	Title	Description
1555008	PSFMS 600: Release strategy for the ABAP add-on PSFMS	Release planning information for PSFMS 600
1555007	PSFMS 600: Installation on ERP 6.0	Installation information for ECC 600
1555006	PSFMS 600: Add-on Support Packages	Release planning information for PSFMS 600
1555009	FMFMS 604: Release strategy for the ABAP add-on FMFMS	Release planning information for FMFMS 604
1555010	FMFMS 604: Installation on ERP 6.0 EHP 4	Installation information for ECC 604
1555011	FMFMS 604: Add-on Support Packages	Release planning information for FMFMS 604

SAP Note Number	Title	Description
1799426	Document Tolerances: FICUSTOM064 with Subitems	Standard Note of EA-PS to allow the deletion of purchase order items if Funds Management is in use
1839834	Document Tolerances: FICUSTOM064 with Subitems	Standard Note of EA-PS to allow the deletion of purchase order items if Funds Management is in use
1898269	Document Tolerances: FICUSTOM064 when deleting PO	Standard Note of EA-PS to allow the deletion of purchase order items if Funds Management is in use
2189558	Important Changes to SP06	Consulting Note: DL processing of non-NSN 'above the line' costs are leading to PO items with internal Document Number. In addition to A05 Exception handling, a XDN Exception message handling is provided.
2283922	MODIFICATION: Suffix message processing may lead to error MEPO-043	Modification Note: To avoid standard error MEPO-043 when Baseline item quantity is fully consumed by the new suffix

3 Solution Overview

SAP DMP 2.0 allows countries foreign to the United States to purchase material and services from the US Government using the Foreign Military Sales (FMS) process. The FMS process uses MILSTRIP-coded messages to pass requirements to the US and update purchasing and financial data in response to status messages received from the US.

This standard product facilitates the FMS processing using standard objects and new programs that create the MILSTRIP outbound messages to the US, and receives and processes inbound messages from the US according to your specific business rules. Configuration allows you to set your own business rules for FMS handling. The product uses an enhanced SAP contract and an enhanced SAP Purchase Order to meet the unique requirements that support the FMS process.

SAP DMP 2.0 is realized in a modification free Add-on based on SAP ECC 6.0.

3.1 System Landscape

SAP DMP 2.0 is a non-modifying add-on to SAP ERP. To install SAP DMP 2.0, SAP ERP 6.0 is required. If Public Sector Funds Management (PSFM) is installed, then SAP ERP 6.04 is required.

The standard SAP installation without PSFM requires only SAP ERP 6.0. If you use PSFM, then the higher release of SAP ERP, 6.04, is required to get the additional functions required by the PSFM functionality.

SAP DMP 2.0 also requires the installation and configuration of SAP NetWeaver Business Client (NWBC). Refer to chapter 3.2.2 "NetWeaver Business Client" for further details.

3.2 Implementation and Configuration – Basic Settings

This Configuration Guide is a tool for configuring the SAP System to meet customer requirements.

3.2.1 IMG

Maintain IMG settings for FMS. Maintain all mandatory IMG settings as a minimum and the others as required by your business.

The standard Implementation Guide (IMG) contained within SAP explains all steps in the implementation process, tells you the SAP standard (factory) Customizing settings, and describes the system configuration activities. The hierarchical structure of the IMG is based on the application component hierarchy and lists all documentation that is relevant to implementing the SAP System.

The main section is IMG Customizing activities, where the relevant system settings are made. You can also document projects in the IMG such as:

- The SAP Reference IMG
- The Enterprise IMG
- The Project IMG

Locate the IMG in the SAP system via transaction /SIMGH.

FMS activity relies on a set of data that interprets SAP and business values into the coded value set required by MILSTRIP transmission. The configuration settings unique to FMS activity are found in the Foreign Military Sales (FMS) node in the IMG.

Note that, in many areas, initial content has been provided to assist the customer in implementation. These values were correct at the time of development but should be validated by the customer to ensure accuracy and completeness. SAP will not maintain table content.

3.2.2 NetWeaver Business Client

For both worklists (FMS Buyer and Delivery List), for FMS reporting, and for system acquisition, a prerequisite is the installation of the SAP NetWeaver Business Client (NWBC). The NWBC can be downloaded from the SAP Marketplace:

1. Go to <http://service.sap.com>.
2. Select SAP Support Portal.
3. Select the Software Downloads tab.
4. Navigate to Software Download Center ->Support Packages and Patches -> A-Z Index. Choose "N".
5. Choose NETWEAVER BUSINESS CLIENT.
6. Choose the newest release NWBC NW BUSINESS CLIENT, depending on your SAP NetWeaver release (refer to SAP Note 1029940).
7. Follow the instructions and download the NWBC.

Begin the configuration of the NWBC from within the NWBC tool. Then perform the following:

1. Go to System → Preferences.
2. Click Add.
3. Enter the appropriate path statement.
4. Complete all other fields according to your system landscape.
5. Click OK when all entries have been made.

In order to use the SAP NWBC, it is also necessary to activate the Service "psfms":

1. Call transaction SICF with hierarchy type "SERVICE" and execute.
2. Open the tree default_host → sap → bc → webdynpro → psfms.
3. Activate the "psfms" service (Namespace PSFMS).

4 Business Scenario

For SAP DMP 2.0, there is one defined scenario – a purchasing scenario variant used to allow Foreign Military Sales (FMS) customers to create and manage FMS activity in their SAP environment. This single scenario contains the following business processes:

- Define FMS codes and other settings
- FMS case (Contract) creation and maintenance
- FMS purchase order creation and maintenance
- Inbound and outbound MILSTRIP message handling
- Delivery list invoice and credit processing
- System acquisition management
- FMS reporting
- Additional configuration

The details for each business process are contained within this chapter.

4.1 Define FMS Codes and Other Settings

Before continuing to define the business processes for the FMS scenario, you will define specific FMS Codes and other settings via customizing.

4.1.1 FMS Codes

This section of the IMG is used to define FMS-specific codes used for contracts and POs:

IMG → Foreign Military Sales (FMS) Management → Foreign Military Sales (FMS) → FMS Codes

4.1.1.1 Define Advice Code

- The advice code is used by the customer in the MILSTRIP message to advise the US supplying agency of purchasing needs (for example, 'Do not substitute').
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.2 Define Cognizance Codes

- The cognizance code is required in the MILSTRIP message when purchasing from the US Navy. It is held on the material master at either header level or at plant level is desired. If the data is not maintained at plant level the system will look to header level. The COG code is automatically populated in the purchase order for US Navy orders.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.3 Define Cooperative Logistic Program Support Codes

- The cooperative logistic program support code advises the US of special instructions in the case of liability asset drawdown.

4.1.1.4 Define Country and Activity Codes

- This country code is mandatory in the MILSTRIP message. Enter the US assigned country code.

- Under normal circumstances there will only be one value entered.

4.1.1.5 Define Demand Codes

- The demand code is required in the MISTRIP string. Recurring demand against a CLSSA FMS case would require an “R” entry to advise the US to consider these in requirements planning. Orders against a blanket order type FMS case would bear an “N” to indicate the demand should not be included in US calculations.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.6 Define Delivery Term Codes

- The delivery term code is held on the FMS contract and is used in the MILSTRIP message.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.7 Define Document Identifier Codes

- The document identifier code (DIC) is required in the MILSTRIP message and is also used to identify data mapping and handling.
- All DIC used or received must be entered in the list or processing will be prevented.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.8 Define Freight Forwarder Codes

The freight forwarder code is held on the FMS contract and is required in the MILSTRIP message to advise the US service where to send the goods.

4.1.1.9 Define Fund Codes

- The fund code is assigned by DSCA when processing FMS requisitions. It is used within the US services for reimbursements.
- This table should be left empty unless special circumstances exist.

4.1.1.10 Define Generic Cost Codes

- This code is used in delivery list invoice processing to indicate the service charge.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.11 Define Mark- For Codes

- The mark-for code allows for four addresses per alpha character. These values are provided by the US MAPAD process and need to be entered by the customer.
- The default mark-for code is held on the FMS contract, and is dynamically generated using plant storage and location for purchase order creation.
- The mark-for code is required at FMS contract and in the MILSTRIP message.

4.1.1.12 Offer and Release Option Codes

- The offer release code is provided on the FMS case letter of offer. It is maintained in the FMS Contract Line item level.

- The offer release code is required in the MILSTRIP message.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.13 Priority Designator Codes

- Each country has assigned priority designator codes that they are authorized to use.
- All authorized priority designator codes should be entered.
- The priority designator code is calculated from related configuration and is required in the MILSTRIP message.

4.1.1.14 Define Procurement Source Codes

- The procurement source code is provided in the FMS Case Letter of Offer. It is held on the FMS contract at Line Item level.
- The procurement source code is informational and is not used in messaging.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.15 Define Project Codes

- A customer may be assigned a project code to allow special handling for a requirement.
- The project code is an optional value in the MILSTRIP message.
- All valid project codes should be entered.

4.1.1.16 Define Purchaser Procuring Agency Code

- The purchasing agency code is the prime customer service and is provided on the FMS contract letter of offer and acceptance. It is held on the FMS contract at header level.
- The purchasing agency code is calculated from related configuration and is required in the MILSTRIP message.

4.1.1.17 Define Routing Identifier Codes

- This code is used to route MILSTRIP messages to the correct US service agency. It is required in the MILSTRIP message.
- The routing identifier code is also used in inbound message handling.

4.1.1.18 Define SDR Action Codes

- The SDR action code allows the customer to advise the US Service of the action required on an SDR.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.19 Define SDR Adjustment Reply Codes

- The adjustment reply code advises the US response to a supply discrepancy report (SDR) and is provided in the delivery list in response to a SDR.
- A Notification or Task can be sent to the Buyer to initiate follow on action. This may be appropriate when a material return is required prior to getting a credit, for example.

- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.20 Define SDR Suffix Code Values for Report Number

- A suffix code can be added to a SDR number when the customer requests reconsideration of a SDR, or to contest a response to the SDR.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.21 Define SDR Supply Discrepancy Codes

- The supply discrepancy code values provide advice of the US Service response to a SDR.
- This code is provided in the delivery list, or other SDR reporting tools provided by the US.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.22 Define Shipment Hold Codes

- The shipment hold code is not required in SAP DMP 2.0. The mode of shipment is provided by the US service provider as part of the transport control number for additional information.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.23 Define Shipment Mode Codes

- The mode of shipment is provided by the US service provider as part of the transport control number.
- The mode of shipment is updated in the PO on receipt of advice.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.24 Define Supply Status Codes

- The supply status code is received from the US and advises the status of a particular PO item.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.25 Define Type of Assistance and Financing Codes

- The assistance and finance codes (TAC) state the type of financial commitment being made by the customer and are stated in the FMS letter of offer and acceptance. It is held at a FMS contract line level and is required in the MILSTRIP message.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.26 Define US Service and Agency Codes

- The US Service Agency Code Dependency codes assign the routing indicator code and media status code to the US service agency. The US service agency code, RIC, and media code are required in the MILSTRIP message.
- An initial data set is provided, but is not maintained. It should be reviewed and agreed to by the customer.

4.1.1.27 Allocating Routing Identifier and Media & Status Codes

- This setting assigns the routing identifier and media and status codes to the US service agencies.
- These settings are used when assembling the MILSTRIP message to assign the correct values to the string. These values are published in US FMS handbooks.

4.1.1.28 Determine Plant and Storage Location from Purchaser Procuring Agency Code and Mark-for Code

SAP menu: FMS → Configuration → Assignment of Master Data to Customizing → Determine Plant and Storage Location from Mark-for Codes (transaction /PSFMS/CONFIG_PLTSLO)

- This configuration is used to determine Mark-for Code for manual purchase order creation.
- For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.

4.1.1.29 Determine Mark-for Code from Plant and Storage Location

SAP menu: FMS → Configuration → Assignment of Master Data to Customizing → Determine Mark-for Code from Plant and Storage Location (transaction /PSFMS/CONFIG_MRKFOR)

- This configuration is used to determine plant and the storage location for Push message processing and for purchase order creation in DL processing (e.g. for non NSN 'above the line' costs and for 'below the line' costs).
- For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.

4.1.2 Define Cost Group Codes

IMG → Foreign Military Sales (FMS) Management → Cost Groups

- The cost group code is defined to group similar activities for handling. Related settings define discrete handling for each cost group.
- An initial data set is provided for SAP mandatory settings. 01-19 are reserved for SAP. Cost groups 20–99 are available to the customer for definition.
- Customer settings are normally 'above the Line' costs, as SAP values target 'below the Line' activity.

4.1.3 Setup Material Master for FMS

IMG → Foreign Military Sales (FMS) Management → Material Master → How to Setup the Material Master for FMS

Follow the instructions outlined in the IMG node. Highlights include:

- Set the material number
- Implement FMS sub-screens
 - Implement FMS subscreens to basic data screen
 - Implement FMS subscreens to purchasing screen
- Maintain field groups for FMS fields
- Maintain screen sequence control

4.1.4 Financial Settings

In this step, you define the tax code for the automatic creation of a FMS purchase order.

IMG → Foreign Military Sales (FMS) Management → Financial Settings → Define Tax Code for automatic FMS Purchase Order Creation

- The tax code sets the default tax procedure, and the tax code setting is used for automatically created PO.
- The tax value is used in processing push requisitions and for creating PO in the DL processing.
- If there is no tax code defined in this activity, tax code 'V9' (Taxable/Tax-exempt foreign input tax) is used when processing push requisitions and creating PO in the DL processing.

4.1.5 Down Payment Processing

4.1.5.1 How to Set-up Down Payments with FMS Case Assignments

IMG → Foreign Military Sales (FMS) Management → Down-Payment Processing → How to Set-up Down-payments with FMS Case Assignments

- In FMS, down-payments have to be done with reference to a specific contract (that is, FMS case). In the FMS solution, the down-payments have to be assigned to a specific case number. For example, when creating a down-payment, a FMS case number (not contract number) has to be entered into the Assignment field.
- This activity provides you with the information needed to set up the automatic check for case number assignments in FMS down-payments. For additional instructions, following the link to customizing noted above.

4.1.5.2 Define Vendors for FMS

SAP menu: FMS → Configuration → Master Data → Down-payment Creation → Define Vendors for Down-payment Creation in FMS (transaction /PSFMS/CONFIG_VENDOR).

- This setting allows customers to specify which vendor or vendors are relevant for FMS.
- Vendors are master data; therefore the configuration needs to be done in the SAP menu. For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.
- Down-payments made to FMS vendors require a valid FMS case in the Assignment field. This 'link' of down-payment to FMS case is critical to reporting and update routines.
- The FMS case number assignment is also needed to allow automated vendor and down-payment clearing procedures.
- Down-payments made to FMS vendors should always reference a valid case number. This configuration step allows you to define FMS relevant vendors. The step works in conjunction with a business transaction event (BTE).
- Prior to defining the FMS relevant vendor, complete the BTE set-up. Using t-code FIBF, complete the following steps:
 - Define and activate a new product for FMS (Settings > Products > ... of a Customer)
 - Define P/S module for product (Settings>P/S Modules>...of a Customer)
 - FM/PSFMS/FI_INTERFACE_00001011_E – the case number entered in the Assignment field on the down-payment item screen is validated and a warning is given if the case number is incorrect

- FM/PSFMS/FI_INTERFACE_00001025_E - When posting the down-payment with an invalid case number in the Assignment field, an error is given.
- Define process module for FMS product (Settings > Process Modules > ... of a Customer)
 - FM/PSFMS/FI_INTERFACE_00001025_E - When posting the Down-payment with an initial case number in the Assignment field, a pop up of valid case numbers is provided.

Using the IMG path, define the FMS vendor code that will be subject to the down payment BTE Case number check.

4.1.5.3 Number of Records allowed for DD645 Billing Statement with invalid Country Code

IMG → Foreign Military Sales (FMS) Management → Down-Payment Processing → Number of Records allowed for DD645 Billing Statement with invalid Country Code

- This setting is used to allow processing if a defined number of errant entries are in the file. If the number of errors is less than stated the error lines will be ignored and processing will continue. If greater than the setting the entire file will not be accepted into the system

4.1.5.4 Down-payment Settings for DD645 Billing Statement

IMG → Foreign Military Sales (FMS) Management → Down-Payment Processing → Down-payment Settings for DD645 Billing Statement

- This setting established the settings for automated processing. Company code, US service, SAP document type and 'vendor' bank account should be entered.

4.2 FM Integration

IMG → Foreign Military Sales (FMS) Management → FM Integration

4.2.1 Down Payment Processing

4.2.1.1 Settings for automatic Down Payment Posting

- In this activity you make various settings that control how various automatic down payment related postings are created by the Down Payment Assistant. Settings from this activity control the following for the company code:

4.2.1.2 Define Processing of Down payment Transfers to PO

- In this activity, you provide settings to manage how down payment transfers from the FMS Case to individual purchase orders are performed.

4.2.1.3 Settings for Prepayment Scenarios for Down Payment Transfer

All FMS down payment transfers are categorized as one of the following scenarios:

- Prepaid: the related FMS earmarked funds has enough available down payment to cover the transfer
- Not Prepaid: the related FMS earmarked funds has no available down payment
- Partly Prepaid: the related FMS earmarked funds has some available down payment, but less than the amount required.

4.2.1.4 Allow Combined Commitment Plan for Contract Types

- In this activity you define which MM Contract types are allowed to use Combined Commitment Plan.

4.2.1.5 Maintain General FMS Settings

- In this activity you define which derivation scenario for the Earmarked Funds (EF) should be used
- A derivation scenario for the EF means the process how to use the EF which is created by the Commitment Plan later on for a Purchase Requisition (PREQ) or a Purchase Order (PO).

4.3 FMS Case/Contract Maintenance

This section of the IMG is used to define parameters and controls for FMS case processing:

IMG → Foreign Military Sales (FMS) Management → FMS Case Maintenance

4.3.1 Define Purchasing Document Types for FMS Cases

- This setting is used when the FMS case number (BNBABC) is used as an external SAP contract number. When checked, the system uses the contract number to pre-fill the FMS values in the contract header. If not checked, a standard SAP contract numbering can be used and the FMS case number, country code and US service must be entered manually in the FMS contract.
- If the indicator 'Allow non-unique Cost Group Codes' is flagged, 'above the line' Cost Group Codes can be non-unique in the FMS Case. This allows you to assign a certain 'above the line' Cost Group Code value to many case items. 'Below the line' Cost Group Codes always have to be unique - otherwise it is not possible to determine the appropriate Case item in delivery list processing.

4.3.2 Maintain FMS Field Validation for FMS Cases

- All settings, other than source code, must be set to Error. They are required in assembling the outbound MILSTRIP message and must be present and accurate to create a MILSTRIP message. These baseline settings for the FMS case and are taken from the letter of offer and acceptance. The source code is informational only and can be set to "Warning" or "No Check" without impacting follow on processing.
- All settings, other than source code, are required to be set to error.
- These control required entries in the FMS contract that are used in preparation of the FMS PO.
- These must be present to assemble the MILSTRIP message correctly.

4.3.3 Maintain Field Selection Profile for FMS Cases

- The field selection profile should be set as 'UI_Case', with a short text of FMS.
- Select the profile and double click to open the 'Screen Attributes of FMS Case header fields', and 'Screen Attributes of Non-Changeable header fields' to set the maintenance settings for the FMS case at header level.
- Settings for 'Screen attributes of FMS Case Item Level' are maintained at [Cost Group](#) level.
- Assign the 'UI_Case' to the FMS document type.

4.3.4 Assign 'Below the Line Costs' to FMS Case Header Cost Type

- 'Below the line' charges are 'generated' by purchasing activity 'above the line' and estimated values are shown on the letter of offer and acceptance.
- Standard 'below the line' cost groups are maintained by SAP and default text values are set.

4.3.5 Define Customer's Status

- The customer status allows customers to create and assign status values to an FMS case to indicate the status of the FMS case.
- The status is held at FMS contract header and can be used in filtering reports.

4.3.6 Define Customer's Program and Default Cost Center

SAP menu: FMS → Configuration → Master Data → Settings for FMS Case → Maintain Customer Programs and its default Cost Centers (transaction /PSFMS/CONFIG_CSEPRG)

- The customer programs are master data; therefore it needs to be configured in the SAP menu. For the configuration, the authorization object/ ID '/PSFMS/FIG' with activity 'CONFIG' is required.
- The customer's program allows customers to create and assign a customer program value to an FMS case to group FMS cases under a program. A major purchase case, blanket order case, CLSSA case, publications, technical assistance, and so on can be assigned a program and reported as a program group. The default cost centre is available to facilitate automated processing for cost center PO processing.
- The program is held at FMS contract header and can be used in filtering reports.
- The customer program is required and a default cost center must be maintained to allow automated processing.

4.3.7 Define Percentage of FMS Case Consumption by Call-offs

- This setting defines the global FMS case consumption by call-off. Settings here generate warnings and errors when the FMS case consumption reaches the defined level. A setting is also available at case level. This setting is used if the individual FMS case setting is not maintained.
- If a percentage for warning/error is entered, a consumption check is performed during the creation of the purchase order. If the total consumption exceeds the allowed consumption (Total Estimated Costs x percentage for warning/error), then a warning/error occurs in the purchase order.
- This allows the FMS case to be reviewed and may prompt action for replacement of the FMS case.

4.4 FMS Purchase Order Maintenance

IMG → Foreign Military Sales (FMS) Management → Purchase Order Maintenance

- This section of the IMG is used to define parameters and controls for FMS purchase order (PO) processing:

4.4.1 Maintain FMS Field Validation for PO, FMS Messages, and DL

- The field validation for PO and DL processing defines the assembly rules for the MILSTRIP message. These are critical to correct assembly of the MILSTRIP message and should be set as shown to ensure all required values are present:

Medium Field Label	Mandatory value	Check value against Customizing
Advice Code	<input checked="" type="checkbox"/>	Error
Assistance Code	<input checked="" type="checkbox"/>	Error
Country Code	<input checked="" type="checkbox"/>	Error
Mark-for Code	<input checked="" type="checkbox"/>	Error
Delivery Term Code	<input checked="" type="checkbox"/>	Error
Demand Code	<input type="checkbox"/>	Error
Discrepancy Code	<input type="checkbox"/>	No check
Freight Forwarder	<input checked="" type="checkbox"/>	Error
Fund Code	<input type="checkbox"/>	No check
Offer Release Code	<input checked="" type="checkbox"/>	Error
Priority Code	<input checked="" type="checkbox"/>	Error
Project Code	<input type="checkbox"/>	No check
Procuring Agency	<input checked="" type="checkbox"/>	Error
Routing ID Code	<input checked="" type="checkbox"/>	Error

- The advice code is mandatory but is not checked for DL processing. The project code can be added manually or via BAdI.
- Specify the level of validation check (Error, Warning, or No Check) for the parameters used in the FMS PO, FMS message processing, and delivery list processing.
- The execution of the validation check differs slightly for the various processes.
- Refer to the IMG node above and complete the tasks detailed for each validation.

4.4.2 Maintain Field Selection Profiles for Purchase Orders

- Define the screen attributes for the PO item fields and assign the profile to the document type.
- The system distinguishes between changeable fields with screen attribute *Input*, *Display*, or *Suppress* and non-changeable fields with attribute *Display* or *Suppress*.
- Refer to the IMG node above and complete the detailed task.

4.4.3 Define Order Type for Automatic FMS PO Creation

- Define the order type for a PO that is created automatically via FMS push requisition or delivery list processing.
- The PO type can be set or changed for handling push requisitions. This would normally be the same as for normal FMS PO.
- Subject to master data availability and configuration, push requisitions automatically create the PO from MILSTRIP messages.
- If no order type is defined in this activity, the order type 'NB' is taken into account.

4.4.4 Determine Priority Designator Code from Delivery Date

- Assign a maximum number of delivery days to priority designator codes. In this way, you can automate the assignment of a priority designator code to a specified delivery date on the PO item.
- The system calculates the number of delivery days based on the difference between the document date and delivery date of the item.
- Refer to the IMG node above for more information.

4.4.5 Convert PO Quantity Unit to MILSTRIP Unit and Vice-Versa

- Convert FMS units of issue **that are different from** SAP units of issue and vice-versa.
- Whereas the SAP unit is three characters in length, the FMS unit can only be two characters.
- Maintain only those FMS units that are different from SAP units of issue.

4.4.6 Maintain Settings for Exception Message Handling

- For A05 exception message handling, define the text type used in the purchase order (PO) item for the exception message content.
- For creating and processing A05 exception messages, the indicator 'Activate Processing of Exception Messages' needs to be flagged.
- For creating and processing XDN exception messages, the indicator 'Activate Processing of Exception Messages' needs to be flagged.

4.4.7 Control PO Item for Modifications

- Defines those aspects of the PO that can be changed after the FMS message has already been sent to the US Department of Defense.
- Any changes in the PO, except a quantity change, result in a modification request (AM1). Quantity changes result in a cancellation request (AC1).

4.4.8 Determine PO Control for Message Status Codes BA and BV

Specify whether or not changes are allowed to a PO with the supply status designation of BA ('item being processed for release and shipment') or BV ('item procured on contract for direct shipment') supply status.

The US Department of Defense rules state that no further changes or updates can be made after the customer receives BA or BV status message. This can be enforced by checking the check-boxes found in the IMG node.

4.4.9 Transfer Supply Status Code Values to PO Item

- Select the supply status codes for FMS messages that are transferred to the PO. All MILSTRIP messages are listed.
- The setting has no functional impact; rather, it only defines which supply status code value of the latest received FMS supply status message is displayed in the PO.

4.4.10 Control PO Item for Critical Updates

- Define those parameters that are critical in the PO.
- When a critical parameter changes, you receive a notification in your FMS buyer worklist.
- Settings in this activity are only relevant for FMS inbound messages (those messages received from the US Department of Defense).

4.5 FMS Message Processing

This section of the IMG is used to define parameters and controls for MILSTRIP message processing:

IMG → Foreign Military Sales (FMS) Management → FMS Message Processing

4.5.1 Define Rejection, Confirmation and Follow-up Conditions for FMS Messages

- Define confirmation and rejection conditions of manual change requests.
- Define follow-up conditions for FMS messages.
- The monitoring log contains log entries with reference to the PO item for monitoring purposes.
- NOTE: Without definition of confirmation and rejection conditions for outbound messages, inbound messages will not be processed properly!
- Refer to the IMG node above for more information.

4.5.2 Outbound Message Creation Maintenance

4.5.2.1 Maintain Settings for Outbound Message Creation

IMG → Foreign Military Sales (FMS) Management → FMS Message Processing → Outbound Message Creation Maintenance → Maintain Settings for Outbound Message Creation

- Change the transmission date of outbound messages and allow the sending of notices of goods receipts (XDF messages). Change the transmission date of an FMS message by offsetting it by a given number of days. This ensures that the transmission date is valid when the FMS message reaches the US Department of Defense and avoids any problems arising from different time zones. For example, it avoids the situation of the US Department of Defense receiving an FMS message with a date in the future.
- If the notice of goods receipt indicator is set, a log entry (table /PSFMS/LG_GR_XDF) is created whenever a goods receipt has been posted. This log is taken into account when creating and downloading FMS messages. An FMS notice of goods receipt, or XDF message, is then sent.
- The trigger for creating the XDF log file in the system is transaction: MIGO. This same transaction is used to stop the FMS monitoring if a goods receipt is posted.
- Refer to the IMG node above for more information.

4.5.3 Inbound Message Processing Maintenance

IMG → Foreign Military Sales (FMS) Management → FMS Message Processing → Inbound Message Processing Maintenance

4.5.3.1 Maintain Settings for Inbound Message Processing

- Specify how many reprocessing steps are allowed on an FMS message if the PO or contract (in the case of Push requisitions) is locked. Once this limit is reached, and if the PO or contract is still locked, a FMS Buyer Worklist entry is created for each of the affected FMS messages.
- You can also allow the automatic creation of inbound deliveries during the inbound FMS message processing.
- Refer to the IMG node above for more information.

4.5.3.2 Maintain Settings for FMS Message Parallel Processing

- Allow parallel processing for FMS inbound messages in batch and specify the settings for parallel processing.
- Refer to the IMG node above for more information.

4.5.3.3 Maintain non-requested Cancellation Messages

- Define additional cancellation messages that have not been requested by the user via a cancellation request (e.g. AC1 message).
- Refer to the IMG node above for more information.

4.5.3.4 Maintain Processing Type for Inbound Messages

- Assign a processing type to an inbound message type (inbound document identifier code) and a supply status code. The default setting is the update of the PO without being notified via an entry in the FMS buyer worklist.
- The three types of processing are update PO (default setting), update PO and notify, and create worklist log for processing FMS message.
- Refer to the IMG node above for more information.

4.5.4 FMS Buyer Worklist Maintenance

IMG → Foreign Military Sales (FMS) Management → FMS Message Processing → FMS Buyer Worklist Maintenance → Maintain Time Period for holding non-relevant Worklist Log Entries

- To prevent your system from becoming overloaded with worklist records that have the *Done* status, you can specify how long these records are kept on the system. Once the time period specified in this step is reached, worklist records are deleted.
- The /PSFMS/DELETE_WORKLIST_ENTRIES report must be scheduled to delete these worklist records.

4.6 Delivery List Processing

this section of the IMG is used to define parameters and controls for delivery list invoicing maintenance and delivery list worklist maintenance:

IMG → Foreign Military Sales (FMS) Management → Delivery List Processing

4.6.1 Delivery List Invoicing Maintenance

This section of the IMG is used to define parameters and controls for delivery list invoicing maintenance:

IMG → Foreign Military Sales (FMS) Management → Delivery List Processing → Delivery List Invoicing Maintenance

4.6.1.1 Maintain Settings for Delivery List Invoicing

- Specify how many reprocessing steps are allowed on an FMS message if an object is locked. Once this limit is reached, and if the object is still locked, a delivery list (DL) worklist entry is created for each of the affected DL items. A locked object may be the contract (if a PO needs to be created) or the PO. If the number of reprocessing steps is not maintained in customizing, the step number is set to 1.
- You also specify the terms of payment and the payment block indicator that are required for creating an invoice or credit for a DL item. If the terms of payment are not maintained in customizing, the

default value of '0001' is set; if the payment block indicator is not maintained in customizing, the default value of 'B' is set.

- Maintain general settings for non-NSN 'above the lines':
 - *Always create Internal Document Numbers*
This setting will always create POs with an internal Document Number for non-NSN 'above the line' costs - even if for a Document Number there are no other DL items with different Cases, Case items, or Cost Group Code.
Note: Since SP06 this is the only option. The other option 'Create Internal Document Number if Case, Case Item, or Cost Group Code are different' is obsolete.
 - There are two options for determining Cost Group Code:
 - Determine Cost Group Code from US Case Item & Part Number (corresponds to the original logic of DMP 2.0)
 - Determine Cost Group Code only from Part Number (new)
 - The US Case item number is now always taken into account for determining the SAP contract item number. Please make sure that the US Case item number is properly set in the contract (in the original logic of DMP 2.0 the usage of US Case item number was optional).
 - The fiscal year can be taken into account when creating a purchase order

4.6.1.2 Maintain Settings for Delivery List Parallel Processing

- You can allow parallel processing for DL items in batch and specify the settings for parallel processing.
- Refer to the IMG node above for more information.

4.6.1.3 Notifications to be created for FMS Buyer Worklist

- In this activity you define the notifications to be created for the FMS Buyer Worklist.

4.6.1.4 Action to be triggered when receiving Cancellation Costs

- In this activity you define the action when receiving cancellation costs via delivery list (DL).

4.6.1.5 Maintain Cost Group-dependent DL Process Parameters

4.6.1.5.1 Maintain DL Process Parameters for NSN related Costs

- Specify the type of DL processing for NSNs. The default setting is the processing of the DL item without being notified via DL worklist entry.
- The three types of processing are: process DL item automatically (default setting), process DL Item and notify, and no automatic processing; create worklist log for manual processing.

4.6.1.5.2 Maintain DL Process Parameters for non-NSN 'above the line' Costs

- Specify how the DL items for non-NSN 'above the line' costs are processed for each cost group code.
- Refer to the IMG node above for the different processing options.
- The assignment of material group, plant, storage location, chart of accounts, and cost element to cost group codes need to be configured via transaction /PSFMS/CONFIG_DLMASL or via SAP menu: *FMS* → *Configuration* → *Assignment of Master Data to Customizing* → *Assign DL Process Parameters of non-NSNs to Cost Group Code*.
For the configuration, the authorization object/ ID '/PSFMS/FIG' with activity 'CONFIG' is required.

4.6.1.5.3 Maintain DL Process Parameters for 'below the line' Costs

- For 'below the line' costs, a single PO is created for all DL items belonging to a specific cost group code and FMS case number. A goods receipt (GR) is always posted.
- Specify for each cost group code how DL items of 'below the line' costs are processed.
- Refer to the IMG node above for the different processing options.
- The assignment of material group, plant, storage location, chart of accounts, and cost element to cost group codes need to be configured via transaction /PSFMS/CONFIG_DLBELO or via SAP menu: *FMS → Configuration → Assignment of Master Data to Customizing → Assign DL Proc. Parameters of below the line' to Cost Group Code.*
For the configuration, the authorization object/ ID '/PSFMS/FIG' with activity 'CONFIG' is required.

4.6.1.6 Assign Delivery List Item to Cost Group

4.6.1.6.1 Assign DL Item Pattern of non-NSN 'above the line' Costs to Cost Group

- This setting can only be configured via transaction /PSFMS/CONFIG_PATERN or via SAP menu: *FMS -> Configuration -> Assignment of Master Data to Customizing -> Assign DL Item Pattern of non-NSNs to Cost Group Code.*
For the configuration, the authorization object/ ID '/PSFMS/FIG' with activity 'CONFIG' is required.
- For non-NSN 'above the line' costs (like MASL, publications, training, or other services), an 'above the line' cost group code needs to be determined.
- Assign a certain pattern of the part number to a cost group code. Asterisks (*) and pluses (+) may be used for multiple and single characters respectively.
- The system first tries to determine the PO via the document number. If a PO cannot be found, the cost group code is determined by an implementation of BAdI method DET_COST_GROUP. If no BAdI implementation exists, the cost group code is determined by the pattern maintained in this activity.

4.6.1.6.2 Assign DL Item of 'below the line' Costs to Cost Group

- For 'below the line' costs (like administration, transportation, packing, and so on), the appropriate cost group code can be determined from the generic cost code in the DL item.
- Assign cost group codes to the generic cost codes.

4.6.1.7 Maintain SDR Follow-on Activities for Adjustment Reply Code (ARC) Values

- If a reply with regards to a supply discrepancy report (SDR) is received via DL (in the form of a FKG or FKB, for example), you may want to be notified and the appropriate status should be set in the SDR.
- Define the SDR follow-on activity and status set in the SDR for each ARC value.
 - Dependent on the ARC value, the SDR status accepted, rejected, or on hold is transferred into the appropriate SDR
 - Dependent on the ARC value of the received DL item, a FMS buyer worklist record may be created of category *Notification* or *Task*.

4.6.2 Delivery List Worklist Maintenance

This section of the IMG is used to define parameters and controls for delivery list worklist maintenance:

IMG → Foreign Military Sales (FMS) Management → Delivery List Processing → Delivery List Worklist Maintenance → Maintain Time Period for Holding Non-relevant Worklist Log Entries

- To prevent your system from becoming overloaded with worklist records that have the *Done* status, you can specify how long these records are kept on the system. Once the time period specified in this step is reached, worklist records are deleted.
- The /PSFMS/DELETE_DLITEM_WORKLIST report must be scheduled to delete these worklist records.

4.7 Supply Discrepancy Report (SDR) Processing

This section of the IMG is used to define parameters and controls for processing the supply and discrepancy report (SDR):

IMG → Foreign Military Sales (FMS) Management → Supply Discrepancy Report (SDR) Processing

4.7.1 Define Notification Types for SDR

- Define the notification types that are used for SDR.
- FMS uses quality notifications for SDR. To make sure that the SDR is setup correctly according to the US form SF364, the notification type needs to be defined in a specific way. Refer to the IMG node above for more information.

4.7.2 Maintain Settings for Creating SDR from potential SDR

- A 'potential SDR' (also called an 'SDR log') is created whenever a delivery list item for a NSN is received and the goods receipt (GR) has not yet been posted. In this situation, an invoice for an NSN is created without a GR.
- Define the number of days until a potential SDR is to be transferred to an SDR.
- The Potential SDR is a temporary log that indicates a received invoice without GR and/ or an invoice with an amount that exceeds the PO item amount by the SDR threshold value. It is monitored via TA or report /PSFMS/SDR_MON. The SDR monitoring checks whether a GR and/or a credit has already been received or whether a SDR needs to be created: if the current monitoring date corresponds to the SDR trigger date or exceeds it, a record in the FMS Buyer Worklist of type "Task" and trigger "SDR_CRTE" is created, indicating to the user to create a SDR manually.

4.7.3 Maintain Settings for SDR Processing

- Maintain the SDR threshold value and the number of days for manual follow-up.
- The SDR threshold value, set in US dollars (USD), is the discrepancy amount above which a reply or adjustment from the US is expected.
- The follow-on date in the SDR is calculated from the number of days for manual follow-up of an SDR. After the SDR is sent to the US, it is monitored on a regular basis via Transaction or report /PSFMS/SDR_MON, if the monitoring flag on the FMS data screen of the SDR is set. If the follow-on date is reached, the SDR monitoring creates a record in the FMS buyer worklist, indicating to the user that manual follow-on is needed on the SDR.
- Only SDR with the monitoring flag set are relevant for monitoring.

4.7.4 Maintain Addresses for SDR Form 364

This section of the configuration is used to assign business partners and to maintain addresses used in the SDR form 364. As the addresses belong to master data, the maintenance can't be done in customizing.

For the configuration, the authorization object/ ID '/PSFMS/FIG' with activity 'CONFIG' is required.

4.7.4.1 Assign Business Partners to US Service Agency Code Values

SAP menu: FMS → Configuration → Assignment of Master Data o Customizing → SDR Form SF364: Assign Business Partners to US Service Codes (transaction /PSFMS/CONFIG_SDPBP).

- Assign a business partner to the US service and agency code.
- The business partners are master data; therefore the assignment needs to be done in the SAP menu.
- When sending the SDR, the recipient of the SDR is the assigned business partner of the appropriate US service and agency code.
- The address of the business partner is filled in the section "TO" of the SDR form SF364.
- The setting is maintained in a customizing table.

Attention:

In this setting, master data (business partner) is assigned to customizing parameters (US service and agency code)! Be aware of transports to the production system!

4.7.4.2 Maintain Addresses for Freight Forwarder Code Values

SAP menu: FMS → Configuration → Assignment of Master Data o Customizing → SDR Form SF364: Maintain Addresses for Freight Forwarder Codes (transaction /PSFMS/CONFIG_SDRFF).

- Maintain address for the freight forwarder values.
- The address of the freight forwarder is filled in the section "SHIPPERS NAME" of the form SF364.
- The setting is maintained in a customizing table.

Attention:

In this setting, master data (address) is assigned to customizing parameters (freight forwarder code)! Be aware of appropriate transports to the production system!

4.7.4.3 Maintain Miscellaneous Addresses

SAP menu: FMS → Configuration → Master Data → SDR Form 364: Maintain miscellaneous Addresses (transaction /PSFMS/CONFIG_SDRADR).

- Maintain the address of the embassy.
- The address of the embassy is filled in the section "OFFICE ADMINISTERING CONTRACT" of the form SF364.
- The setting is maintained in a master data table.

4.7.5 Assign User Status to Certain Event in SDR

- The SDR processing requires a user status profile with certain user status values.
- Assign a certain user status to the events "Fixing data of SDR" and "Sending a SDR".
- Refer to the IMG node above for additional details.

4.7.6 Data Protection & Privacy: Masking of Person-Related SDR Fields

Background: Personal data may not be processed beyond its original purpose. Therefore, personal data may only be kept for a certain period of time (called a "retention period") and if a legal or business reason exists. After the retention period has passed, the personal data must be deleted. On the FMS Data tab of the SDR there are two containers in which text can be entered by the procurement officer without context: *Name of Preparing Official* and *Distribution addresses for copies*. These fields may contain personal data, which can be

masked via report /PSFMS/SDR_DPP. You can use the following Customizing activity to maintain the masking parameters:

IMG → Foreign Military Sales (FMS) → Supply Discrepancy Report (SDR) Processing → Data Protection & Privacy: Masking of Person-Related SDR Fields.

- Maintain the retention period in days after which you would like personal data stored in the SDR to be masked. If the retention period is set to 0, no masking will take place.
- Maintain the legal reason for the masking.

4.8 System Acquisition: Maintain Settings for Excel Upload

This section of the IMG is used to maintain settings for Excel upload. These settings are needed when uploading your Excel sheet into the SPL for the system acquisition.

IMG → Foreign Military Sales (FMS) Management → System Acquisition → Maintain Settings for Excel Upload

The Excel sheet for uploading data into the spare parts list (SPL) for the system acquisition requires specific setting. Refer to the IMG node above for details.

4.9 Business Add-Ins for FMS

This section of the IMG is used to define optional BAdIs that may be required by customers to support their FMS environment and process flow:

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales

4.9.1 BAdIs for Common Settings

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for Common Settings.

Refer to the corresponding IMG node for more information.

4.9.1.1 BAdI: Convert NSN to Material Group and Material

- This customer BAdI enables you to do a customer-specific mapping from material group and material number to NSN and vice versa.
- Create an implementation for the following BAdI methods:
 - /PSFMS/BD_NSN_CONV->**NSN_2_MAT** (for converting the NSN to the material group and Material)
 - /PSFMS/BD_NSN_CONV->**MAT_2_NSN** (for converting the material group and material to the NSN)

4.9.1.2 BAdI: Convert ESD to Delivery Date in PO and Delivery Date to RDD

- This customer BAdI allows you to calculate the delivery date of the PO from the estimated shipping date (ESD), and the required delivery date (RDD) from the delivery date.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_CONVERT_US_DATE->**ESD_2_DEL_DATE**
 - /PSFMS/BD_CONVERT_US_DATE->**DEL_DATE_2_RDD**

4.9.1.3 BAdI: Map FMS Messages

- This customer BAdI enables you to do a customer-specific mapping from the FMS dataset to a MILSTRIP message string and vice versa.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_MAP_MESSAGE->**MAP_MSG2STRG** (for mapping the FMS dataset to MILSTRIP message string)
 - /PSFMS/BD_MAP_MESSAGE->**MAP_STRG2MSG** (for mapping MILSTRIP message string to FMS dataset)

4.9.1.4 BAdI: Map Delivery List Items

- This customer BAdI enables you to do a customer-specific mapping from the DL dataset to a DL item string and vice versa.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_MAP_DL->**MAP_DL2STRG** (for mapping DL item dataset to MILSBILL string)
 - /PSFMS/BD_MAP_DL->**MAP_STRG2DL** (for mapping MILSBILL string to DL item dataset)

4.9.1.5 BAdI: Validate FMS Codes

- This customer BAdI enables you to do additional checks on FMS codes, and mapping from the FMS dataset to a MILSTRIP message string and vice versa.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_VALIDATE_CODES -> **VAL_CODES_CASE_HDR** (for validating FMS codes for FMS case header)
 - /PSFMS/BD_VALIDATE_CODES -> **VAL_CODES_CASE_ITM** (for validating FMS codes for FMS case item)
 - /PSFMS/BD_VALIDATE_CODES -> **VAL_CODES_PO_OUTB_MSG** (for validating FMS codes for purchase order item or for outbound FMS message processing)
 - /PSFMS/BD_VALIDATE_CODES -> **VAL_CODES_INB_MSG** (for validating FMS codes for inbound FMS message processing)

4.9.1.6 BAdI: Exclude Inbound Delivery for certain PO Items

- This customer BAdI is only valid if the FMS process requires inbound deliveries. It allows you to exclude the inbound delivery creation for certain purchase order (PO) items.
- You can create an implementation for the BAdI methods:
 - /PSFMS/BD_INB_DELIVERY->**SET_INBDEL_FOR_POITEM** (for excluding inbound delivery for certain PO item).

4.9.1.7 BAdI: Pre-check MILSTRIP strings of inbound FMS messages

- This customer BAdI enables you to do a customer-specific pre-check on the MILSTRIP strings of inbound FMS messages. The pre-check on the MILSTRIP strings is performed when the MILSTRIP text file is uploaded or when a MILSTRIP string is edited in the FMS Buyer Worklist. With a BAdI implementation you can replace the standard pre-check functionality with one of your own.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_MILS_PRECHECK -> **PRECHECK_STRINGS** (for pre-checking MILSTRIP data string of inbound FMS messages)

4.9.1.8 BAdI: Pre-check MILSBILL strings of received Delivery List

- This customer BAdI enables you to do a customer-specific pre-check on the MILSBILL strings of the received delivery list (DL). The pre-check on the MILSBILL strings is performed when the DL text file is uploaded or when a DL string is edited in the DL Worklist. With a BAdI implementation you can replace the standard pre-check functionality with one of your own.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_MBILL_PRECHECK -> **PRECHECK_STRINGS** (for pre-checking MILSBILL data string of received delivery list)

4.9.2 BAdI for PO Maintenance

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for PO Maintenance

Refer to the corresponding IMG node for more information.

4.9.2.1 BAdI: Complete FMS Data in PO

- This customer BAdI enables you to do customer-specific completion of FMS data in the PO item when a PO is being created manually.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_PO -> **COMPLETE_FMS_DATA** (for completing FMS data in the PO item when the PO is being created)

4.9.2.2 BAdI: Create A05 Exception Message Content

- This customer BAdI enables you to create a customer-specific CAGE/Partnumber from MM for the exception message content in the purchase order (PO) item.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_PO_A05MSG -> **DET_PARTNUMBER_FROM_MM** (for determine CAGE/Partnumber from MM for exception message content).

4.9.2.3 BAdI: Create XDN Exception Message Content

- This customer BAdI enables you to create content for the XDN exception message.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_PO_A05MSG -> **DET_PARTNUMBER_FROM_MM** (for determine CAGE/Partnumber from MM for exception message content)
 - /PSFMS/BD_PO_XDNMSG -> **DEFAULT_DATA**
for defaulting data into the XDN Data Maintenance Screen of MM
 - /PSFMS/BD_PO_XDNMSG -> **COMPLETE_DATA**
for completing data of XDN Data Maintenance Screen in PO.

4.9.2.4 BAdI: Check XDN Exception Message Content

- This customer BAdI enables you to check the content of the XDN exception message.
- You can create an implementation for the BAdI method:
 - /PSFMS/BD_PO_XDN_CHECK -> **CHECK_DATA'**
for checking the data of the XDN exception dataset

4.9.3 BAdIs for FMS Outbound Message Processing

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for FMS Outbound Message Processing

Refer to the IMG node above for more information.

4.9.3.1 BAdI: Perform Customer-specific FMS Message Download

- This customer BAdI enables you to do customer-specific download of FMS outbound messages.
- You can create an implementation for the BAdI method:
 - /PSFMS/BD_OUTB_DOWNLOAD -> **DOWNLOAD** (for a customer specific download of the MILSTRIP text file without using the standard functionality of choosing a filename and filepath for download).

4.9.4 BAdIs for FMS Inbound Message Processing

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for FMS Inbound Message Processing

Refer to the corresponding IMG node for more information.

4.9.4.1 BAdI: Upload, Change, and Filter FMS Inbound Messages

- This customer BAdI enables you to do customer-specific filtering and changing during the MILSTRIP text file upload.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_INB_UPLOAD -> **UPLOAD** (for a customer specific upload of the MILSTRIP text file without using the standard functionality of choosing a filename and filepath for upload)
 - /PSFMS/BD_INB_UPLOAD -> **FILTER_STRINGS** (for filtering non-MILSTRIP strings during upload)
 - /PSFMS/BD_INB_UPLOAD -> **CHANGE_FILTER_MSG** (for changing or filtering inbound messages during upload)

4.9.4.2 BAdI: Define FMS Inbound Message Processing

- This customer BAdI enables you to do customer-specific processing of FMS inbound messages.
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_INB_PROC -> **DET_PO_HEADER** (for changing the header data of Push purchase orders; that is, for POs created by Push requisition messages)
 - /PSFMS/BD_INB_PROC -> **DET_CASE_ITEM** (for determining the contract item number for a Push PO creation; the BAdI implementation is always called at first)
 - /PSFMS/BD_INB_PROC -> **PROC_MSG_FOR_CUSTOMER** (for customer-specific processing of an FMS message)
 - /PSFMS/BD_INB_PROC -> **CREATE_PUSH_PO** (for changing the parameters of Push purchase orders (PO) creation)

4.9.5 BAdIs for Delivery List Processing

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for Delivery List Processing

Refer to the corresponding IMG node for more information.

4.9.5.1 BAdI: Change or Filter FMS DL Items during Upload

- This customer BAdI enables you to do customer-specific filtering and changing during the upload of the delivery list text file.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_DL_UPLOAD -> **CHANGE_OR_FILTER** (for changing or filtering inbound messages during upload of the delivery list text file).

4.9.5.2 BAdI: Define Delivery List Processing

- This customer BAdI enables you to do a customer-specific processing of the DL items.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_DL_PROC -> **DET_COST_GROUP** (for determining the cost group code for non-NSN 'above the line' DL items)
 - /PSFMS/BD_DL_PROC -> **DET_PO_KEY** (for determining the PO number and item of non-NSN 'above the line' delivery list items - after the PO determination via Document Number and Suffix failed)

4.9.5.3 BAdI: Define Delivery List Processing

- This customer BAdI enables you to do customer-specific adaptations to purchase order creations during Delivery List processing..
- You can create an implementation for the following BAdI methods:
 - /PSFMS/BD_DL_PO -> **CREATE_PO_ABOVE** (for changing the parameters of purchase order (PO) creation of 'above the line' costs like MASLs, training, engineering etc.)
 - /PSFMS/BD_DL_PO -> **CREATE_PO_BELOW** (for changing the parameters of purchase order (PO) creation of 'below the line' costs like administration, shipping, packing etc.)

4.9.5.4 BAdI: Update Status on SDR Notification

- This customer BAdI enables you to do a customer-specific status update on the SDR Notification during the processing of the delivery list items.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_DL_SDR -> **UPD_STATUS_NOTIF** (for updating status in SDR notification)

4.9.5.5 BAdI: Change Invoice/ Credit Parameters

- This customer BAdI enables you to do a customer-specific change of the default invoice/ credit parameters during the processing of the delivery list items. The BAdI is called right before the invoice or credit is created.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_DL_INVOICE -> **CHGE_INVOICE_PARAMETERS** (for changing the default invoice/ credit parameters)

4.9.5.6 BAdI: Define Customer-specific Process Step

- This customer BAdI enables you to execute a customer-specific process step during DL processing.
- You can create an implementation for the following BAdI method:

- /PSFMS/BD_DL_CUSTOM_PROCESS -> **PROC_STEP** (for executing a customer-specific process step)

4.9.6 BAdI for SDR

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for Supply Discrepancy Reports

Refer to the corresponding IMG node for more information.

4.9.6.1 BAdI: Complete FMS Data in Supply Discrepancy Report (SDR)

- This customer BAdI enables you to do a customer-specific completion of FMS data in a supply discrepancy report (SDR) when the SDR is being created.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_SDR_DATA -> **COMPLETE_SDR_DATA** (for completing data on the FMS data screen when creating a Notification)

4.9.6.2 BAdI: Change Content and Form of SF364 Printout

This customer BAdI enables you to do a customer-specific change of the content and of the smart form of the SF364 printout.

- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_SDR_DATA -> **CHANGE_CONTENT_FORM_SF364** (for changing content and Smart Form of the SF364 printout).

4.9.7 BAdI for System Acquisition

IMG → Foreign Military Sales (FMS) Management → Business Add-Ins for Foreign Military Sales → BAdIs for System Acquisition

Refer to the corresponding IMG node for more information.

4.9.7.1 BAdI: Automatic assignments of purchase orders to SPLs

- This customer BAdI enables you to do a customer-specific assignment of purchase orders (i.e. call-offs) to unmatched Spare Parts List (SPL) records.
- You can create an implementation for the following BAdI method:
 - /PSFMS/BD_SDR_DATA-> **ASSIGN_SPL** (for or assigning purchase orders to Spare Parts List records)

4.9.8 BAdIs for Funds Management

This section of the IMG is used to define optional BAdIs for Funds Management only that may be required by customers to support their FMS environment and process flow:

IMG → Foreign Military Sales (FMS) Management → FM Integration → Business Add-Ins for Foreign Military Sales - FM Integration

Refer to the corresponding IMG node for more information.

4.9.8.1 BAdI: Enhance Contents of Funds Reservation created by Commitment Plan

- This Customer BAdI enables the completion of header and item data in the Funds Reservation document created for a Commitment Plan.
- You can create an implementation for the BAdI methods:

- /FMFMS/BD_DP_POST_CUST_FIELDS-> **FILL_RS_HEADER**
- /FMFMS/BD_DP_POST_CUST_FIELDS-> **FILL_RS_ITEM**
- Refer to the IMG node above for more information.

4.9.8.2 BAdI: Enhance automatic Down Payment related Postings for FMS

- This BAdI allows customers to enhance or replace the automatic posting processes related to down payment processing in FMS.
- You can create an implementation for the BAdI methods:
 - /FMFMS/BD_DP_POST_ENGINE -> **OWN_POSTING_PROCESS**
 - /FMFMS/BD_DP_POST_ENGINE -> **ADJUST_FTPOST_ITEM**
 - /FMFMS/BD_DP_POST_ENGINE -> **ADJUST_FTCLEAR_ITEM**
 - /FMFMS/BD_DP_POST_ENGINE -> **ADJUST_FTPOST_HEADER**
 - /FMFMS/BD_DP_POST_ENGINE -> **INITIALIZE**
 - /FMFMS/BD_DP_POST_ENGINE -> **AFTER_POSTING**

4.9.8.3 BAdI: Enhance Line Item Data provided to DP Posting Engine

- This BAdI allows you to provide additional information on line item data provided to the DP posting engine for postings from the Down Payment Assistant and from the Down Payment Transfer process.
- You can create an implementation for the BAdI methods:
 - /FMFMS/BD_DP_POST_ENGINE -> **ENHANCE_ASSIST_ITEM**
 - /FMFMS/BD_DP_POST_ENGINE -> **ENHANCE_DP_XFER_ITEM**

4.9.8.4 BAdI: Define additional Document Types to be regarded as Transfer

- Use this BAdI to maintain additional Document Types which shall be regarded as Down Payment Transfers. If they are not defined in the FMS customizing or in this BAdI, these document types are regarded as Down Payments.
- You can create an implementation for the BAdI methods:
 - /FMFMS/BD_DP_ASSIST_BLART -> **ADD_NONE_DP_BLART**

4.10 Additional Configuration

4.10.1 Standard Materials Management (MM) Configuration

This sub-section identifies the configuration requirements needed in basic MM configuration to support the FMS solution.

4.10.1.1 Define Number Range for FMS Contract

4.10.1.1.1 IMG → Materials Management → Purchasing → Contract → Define Number Ranges

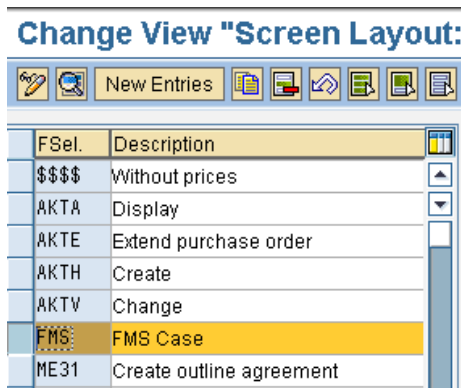
4.10.1.1.2 Transaction Code: **OMH6**

4.10.1.2 Define Field Selection Rules for FMS contracts

4.10.1.2.1 IMG → Materials Management → Purchasing → Contract → Define Screen Layout at Document Level

4.10.1.2.2 Transaction: **SPRO**

- Create an FMS field selection rule (copy of WKK value contract). Adjust field status for commitment plan, making GL and cost center required; other fields set to optional or hidden.



Field Selection Key: FMS FMS Case	
Field Selection Gro	
Basic Data, Item	
Terms of delivery and payment	
Reference data, header	
Administrative data, header	
Quantity and Price	
Deadline Monitoring	
GR/IR Control	
Reference data, item	
Administrative data, item	
Administration Data	
Delivery monitoring	
Enjoy fields	
Fields for Commitment Plan	

Field Selection Key FMS FMS Case			
Selection group Fields for Commitment Plan			
Fields			
Field Label	Reqd.entry	Opt. entry	Display
Tgt Value in Comm. Plan Header	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commitment Plan Cat. (Header)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Validity Date Commitment Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Amount Field Comm. Plan Item	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Generate Commitment Plan Item	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commitment Plan Closed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Order Number	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Network	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Funds Center	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commitment Item	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fund	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Field Selection Key FMS FMS Case			
Selection group Fields for Commitment Plan			
Fields			
Field Label	Reqd.entry	Opt. entry	Display
Business Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
G/L Account	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cost Center	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Functional Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check Cmmt Plan Acct Assmnt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Start of Service Period	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
End of Service Period	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asset Subnumber	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Business Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Profit Center	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G/L Account Number	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goods Recipient	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unloading Point	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Field Selection Key		FMS FMS Case		
Selection group		Fields for Commitment Plan		
Fields				
Field Label	Reqd.entry	Opt. entry	Display	
Delivery Schedule Line Number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Deletion Ind. OP Account Assgt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
No. f. Profitab. Segments (CO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Controlling Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cost Center	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Service Type	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Business Process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Internal Key for Real Estate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Functional Area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Grant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Budget Period	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

- Adjust field selection rules: AKTH (Create), AKTV (Change), and ME31 (Create outline agreement) for the commitment plan section; hide fields that do not need to be seen.
- Adjust ALV layout used for account assignment section of commitment plan in ME31K directly. You can create layout /FMS and make it the default layout.

4.10.1.3 Create an FMS-specific Contract Document Type

4.10.1.3.1 IMG → Materials Management → Purchasing → Contract → Define Document Types

4.10.1.3.2 Transaction: **SPRO**

- Create FMS document type as a copy of value type contract (doc type WK), then adjust the basic settings for the item interval, number range, and field selection.
- Activate the commitment plan flag for FMS contracts and assign a default commitment plan category (N – standard type).

Document Types Contract Change

Type	Doc. Type	Descript.	ItemInt.	NoRgel	NoRge	NoR	Updat	FieldSel.	Sltml	Share
FMS	FMS Case		1	46	44		SAP	FMS		<input type="checkbox"/>
MK	Quantity Contract		10	46	44		SAP	MKK		<input type="checkbox"/>
WK	Value Contract		10	46	44		SAP	WKK		<input type="checkbox"/>

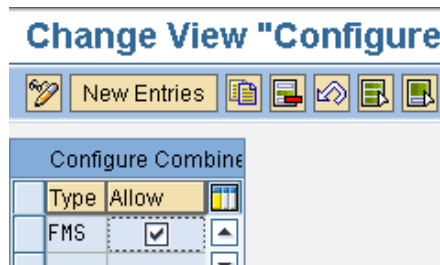
Document Types Contract Change

Type	FieldSel.	Sltml	Share	Layout	AL	Doc.type	CP Act	CP Cat.
FMS	FMS		<input type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	N
MK	MKK		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
WK	WKK		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

4.10.1.4 Determine Combined Commitment Plan per Contract Type

IMG → Foreign Military Sales (FMS) → FM Integration → Allow Combined Commitment Plan for Contract Types

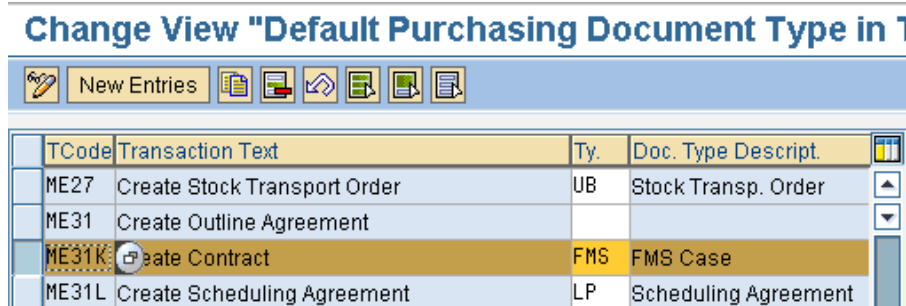
- In this activity you define which MM contract types are allowed to use combined commitment plan.
- A standard commitment plan applies to only a single contract item of an MM contract. A combined commitment plan can be used by any item of the contract, and is allowed to include an amount larger than the item under which it is created.
- Set the “Allow Combined Commitment Plan” flag, if multiple contract lines can be consolidated on a single commitment plan and a single FM funds reservation.



4.10.1.5 Set FMS as the Default Document Type for ME31K (optional)

4.10.1.5.1 IMG → Materials Management → Purchasing → Define Default Values for Document Type

4.10.1.5.2 Transaction: **SPRO**



4.10.1.6 Adjust PO Screen Layout Rule

4.10.1.6.1 *IMG → Materials Management → Purchasing → Purchase Order → Define Screen Layout at Document Level*

4.10.1.6.2 *Transaction: SPRO*

For the AKTH (Create) field selection screen, change the Outline Agreement field from hidden to optional (found under selection group reference data, item).

Maintain Table T162: Fields for Field Selection Group

Field Selection Key: Create
 Selection group: Reference data, item

Field Label	Reqd. entry	Opt. entry	Display
Purchase requisition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Info record	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Request for quotation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Requisitioner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Outline agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4.10.1.7 Create FMS Purchase Requisition Document Type

4.10.1.7.1 *IMG → Materials Management → Purchasing → Purchase Requisition → Define Document Types*

4.10.1.7.2 *Transaction: SPRO*

Copy the NB document type to create an FMS-specific purchase requisition document type.

4.10.1.8 Maintain Vendor Confirmation Control for Inbound Deliveries

4.10.1.8.1 *IMG → Materials Management → Purchasing → Confirmations → Set Confirmation Control*

4.10.1.8.2 *Transaction: SPRO*

Flag 'Create Inbound Delivery' for Inbound Delivery (Confirmation control key 0004).

4.10.2 Down Payment Configuration

This sub-section identifies the configuration requirements needed for down-payments and down-payment clearing to support the FMS solution.

4.10.2.1 Define Alternative Reconciliation Account for Down-payments

4.10.2.1.1 *IMG → Financial Accounting (New) → Accounts Receivable and Accounts Payable → Business Transactions → Down Payments Made → Define Alternative Reconciliation Account for Down Payments*
Transaction: OBYR

- FMS down-payments made to the US Department of Defense (DoD) are visible in the vendor account using a special GL indicator ("A"). At the general ledger level, the down-payments will be tracked in a separate reconciliation account.

- In this step, maintain the configuration for special GL indicator A.
 - Link the reconciliation account used on the DoD vendor master record (for example, 160000) to a special G/L account for down payments (for example, 159000). FMS down-payments made and down-payment clearings will be charged to this account.
 - Since FMS down-payments are not taxable, the input tax clearing field should be left blank for this combination. Failure to do so will result in posting errors when down-payments are eventually cleared.
 - The planning level reference is only applicable to customers using SAP Cash Management.

4.10.2.2 Define Account for Input Tax Clearing on Down-payment

4.10.2.2.1 IMG → Financial Accounting (New) → Accounts Receivable and Accounts Payable → Business Transactions → Down Payments Made → Define Account for Tax Clearing Transaction OBXB

- When down-payments are cleared through transaction: MIRO, the system looks for an input tax clearing account. Define the account for input tax clearing key “ ”.
- In the sample configuration provided, input tax clearing key blank has been mapped to balance sheet GL 159010 (Input tax clrg-other down pyts made for curr. Asts). Although required for down-payment clearing purposes, the account will never be hit because FMS payments are not subject to tax.

Maintain FI Configuration: Automatic Posting - Procedures

Procedures		
Description	Transaction	Account determ.
Down payment bank posting	ANB	<input type="checkbox"/>
Down Payment Requests	ANF	<input type="checkbox"/>
Down payments	ANZ	<input type="checkbox"/>
Customer down payment transfer posting	AUD	<input type="checkbox"/>
Vendor down payment transfer posting	AUK	<input type="checkbox"/>
Output tax clearing on down payments	MVA	<input checked="" type="checkbox"/>
Input tax clearing on down payments	VVA	<input checked="" type="checkbox"/>

Maintain FI Configuration: Automatic Posting - Accounts

Account assignment	
Input tax cle...	Account
	159010
A	159010

4.10.2.3 Define Document Types for Down-payment Transfer

*IMG → Financial Accounting (New) → Financial Accounting Global Settings (New) → Document → Document Types → Define Document Types for Entry View
Transaction: OBA7*

- The FMS design is based on the transfer of a down-payment to the FMS purchase order. Three different scenarios are possible:
 - Full down-payment has been made
 - No down-payment has been made
 - Partial down-payment has been made
- For audit trail purposes, it will be convenient to clearly separate these scenarios by document type. Using Doc Type KA as a template, create new document types to clearly identify the down-payment transfer scenario:
 - KA – used when down-payment exists
 - KS – used when no down-payment is available
 - KT – used when partial down-payment exists

4.10.2.4 Assign Document Types to Specific Down-payment Scenarios

IMG → Foreign Military Sales (FMS) -> FM Integration -> Down Payment Processing -> Settings for prepayment scenarios for down payment transfer

- All FMS down-payment transfers are categorized as one of the following scenarios:
 - Prepaid: the related FMS funds reservation has enough available down-payment to cover the transfer
 - Not Prepaid: the related FMS funds reservation has no available down-payment
 - Partly Prepaid: the related FMS funds reservation has some available down-payment, but less than the amount required
- The scenario is initially identified during PO maintenance. During down-payment transfer processing, it will be re-determined, since other postings related to the same funds reservation may have changed the available down-payment amount.
- Automatic postings for down-payment transfers are controlled by configuration per scenario. The following settings are available for each scenario:
 - Document Type: The FI document type used for posting the down-payment transfers
 - Indicator: Skip standard processing for pre-payment scenario. If set, no automatic postings will be performed by FMS for this scenario.
- Map each of the new document types to a specific down-payment transfer scenario. Only set the skip flag if the standard down-payment transfer logic is not wanted.

4.10.2.5 Classify Document Types for Document Splitting

4.10.2.5.1 *IMG → Financial Accounting (New) → General Ledger Accounting (new) → Business Transactions → Classify Document Types for Document Splitting*

If using the New GL with document splitting active, classify the document types for splitting purposes. Failure to do so will result in posting errors.

4.10.2.6 Configure Rules for Processing Down-payment Transfers to PO

IMG → Foreign Military Sales (FMS) -> FM Integration -> Down Payment Processing -> Define processing of down payment transfer to PO

- In this activity, provide the settings used to manage how down-payment transfers from the FMS case to individual PO are performed. FMS down-payments are initially posted at case level with a reference to a funds reservation item. When the PO is created, the down-payment is transferred from the case level to the individual PO according to these settings.
- An FMS Down Payment Suspense account is defined for cases where the amount of down-payment transfer required for a PO exceeds the available amount of the case level down-payments (see FI section of this guide in chapter 4.10.3 for a description of the GL account). The following settings apply to the suspense account:

- Special G/L Ind for down-payment transfer suspense postings: only enter a value for this setting if you want to use a vendor reconciliation account as the suspense account. In that case, suspense postings are created against the vendor account using this special GL indicator.
- GL account number for down-payment transfer suspense posting: only enter a value for this setting if you want to use a general ledger account (that is, a liability account) as the suspense account. Normally this will be an open item managed account.

The GL account and the threshold value can also be maintained via transaction */FMFMS/CONFIG_DPPRC1* or via SAP menu: *FMS → Configuration → Maintenance of Customizing Values → Maintain GL Account and Threshold for DP Transfer to PO*.

For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.

- Cost center for down-payment transfer suspense postings: all postings to a suspense GL account will include this cost center.

The cost center belongs to master data; therefore it can't be maintained in customizing. Instead the cost center needs to be maintained in transaction */FMFMSCONFIG_DPPRC2* or via SAP menu: *FMS → Configuration → Master Data assigned to Customizing → Settings for Funds Management → Maintain Suspense Cost Center for DP transfer to PO in FM*.

For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.

Attention:

Pay attention when maintaining the cost center for the down payment transfer suspense postings: in this setting, master data (cost center) is assigned to customizing parameters (company code)! Be aware of appropriate transports to the production system!

4.10.2.7 Activate Business Function for FM

Certain business functions are required to be activated to support Funds Management. Call transaction SFW2 to activate the business functions:



- Activate business function LOG_MMFI_P2P. This business function provides improved integration between MM and FI. Once activated, the business function makes it possible to clear vendor down-payments directly in logistics invoice verification, without having to process a separate clearing transaction in financial accounting. This functionality is especially important for customers using Funds Management, as it avoids availability control errors that would be triggered in a multi-step clearing process.
- Activate business function PSM_FM_CI_2 for additive consumption logic for funds reservations.
- SAP also provides an FM-based down-payment clearing option as an alternative to the MM-based solution. The FM logic works in BAPI calls, but it does not support clearing down-payments in foreign currencies. Since FMS down-payments are always made in foreign currency (that is, USD), the FM option cannot be used.

4.10.2.8 Configure Settings for automatic Down-payment Postings

IMG → Foreign Military Sales (FMS) -> FM Integration -> Down Payment Processing -> Settings for automatic Payment Postings

- The Down Payment (DP) Assistant is an FMS reporting tool that supports down-payment tracking by case. Users with the appropriate authorization can post down-payment updates directly from the DP Assistant. This includes:
 - Posting initial down-payments against a case
 - Returning down-payments from a PO back to a preceding funds reservation document
 - Clearing a deficit (suspense) balance against a case
 - Returning a down-payment to a PO following a credit posting
- In this configuration step, identify the parameters for automatic postings made from the DP Assistant:
 - Document Type used for down-payments
 - Document Type used for returning down-payments from PO to funds reservations
 - Document Type used for clearing suspense balances
 - Document Type used for returning down-payment to a PO following a credit posting
 - Cash GL account to be used when issuing automatic down-payments
 - For customers that use down-payment requests instead of down-payments, identify the special G/L indicator used for automatic down-payment requests
- The GL account assignment can also be maintained via transaction /FMFMS/CONFIG_DPPOST or via SAP menu: FMS → Configuration → Maintenance of Customizing Values → Maintain GL Account for automatic Down-payment Postings in FM.
For the configuration, the authorization object/ ID 'PSFMS/FIG' with activity 'CONFIG' is required.

4.10.3 FI Master Data and Configuration

This sub-section identifies the Financial Accounting (FI) master data and configuration required to support the FMS solution.

4.10.3.1 Define General Ledger Account for FMS Down Payment Suspense Postings

4.10.3.1.1 SAP Menu → Accounting → Financial Accounting → General Ledger → Master Records → G/L Accounts → Individual Processing → Centrally

*4.10.3.1.2 Transaction: **FS00***

- Create a new GL balance sheet account to track FMS suspense balances owing to the US Department of Defense. This account will be credited when there is no, or insufficient, down-payment balance available to transfer to the FMS PO.
- This G/L is referenced in the Suspense GL field in Rules for Processing Down Payment Transfers to PO.
- Suggested master data settings are shown below. Ideally, the account should be managed on an open-item basis in order to provide maximum visibility of amounts owing at a case level.
- This step is applicable to customers who will be tracking suspense amounts directly in the GL, as opposed to updates to the vendor sub-ledger as a special GL posting.

- The account should be mapped to a corresponding FM commitment item (for example, 159001) with a 30/3.

Display G/L Account Centrally

G/L Account: 159001 Down payment Adjustment Account FMS
 Company Code: BAND Bandaria Defense

Control in chart of accounts

Account Group: General G/L accounts

P&L statement acct
 Balance Sheet Account

Description in maintenance language (DE)

Short Text: Erh.Anzahlungen FMS
 G/L Acct Long Text: Erhaltene Anzahlungen FMS

Consolidation data in chart of accounts

Trading Partner:

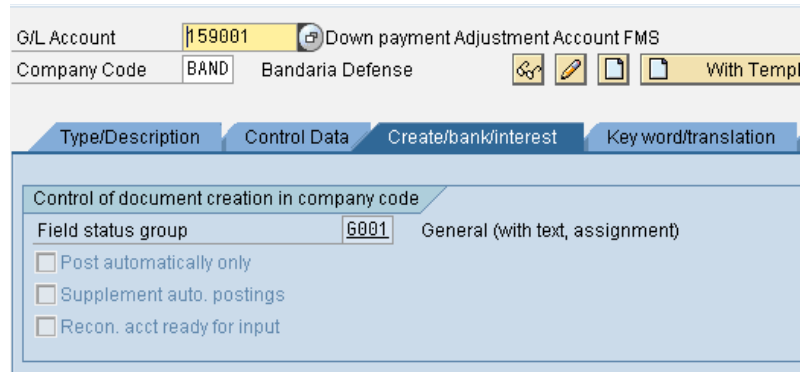
G/L Account: 159001 Down payment Adjustment Account FMS
 Company Code: BAND Bandaria Defense

Account currency: EUR European Euro

Only balances in local crcy
 Exchange rate difference key:
 Valuation group:
 Tax category:
 Posting without tax allowed
 Recon. account for acct type:
 Alternative Account No.:
 Acct managed in ext. system
 Inflation key:
 Tolerance group:

Account Management in Company Code

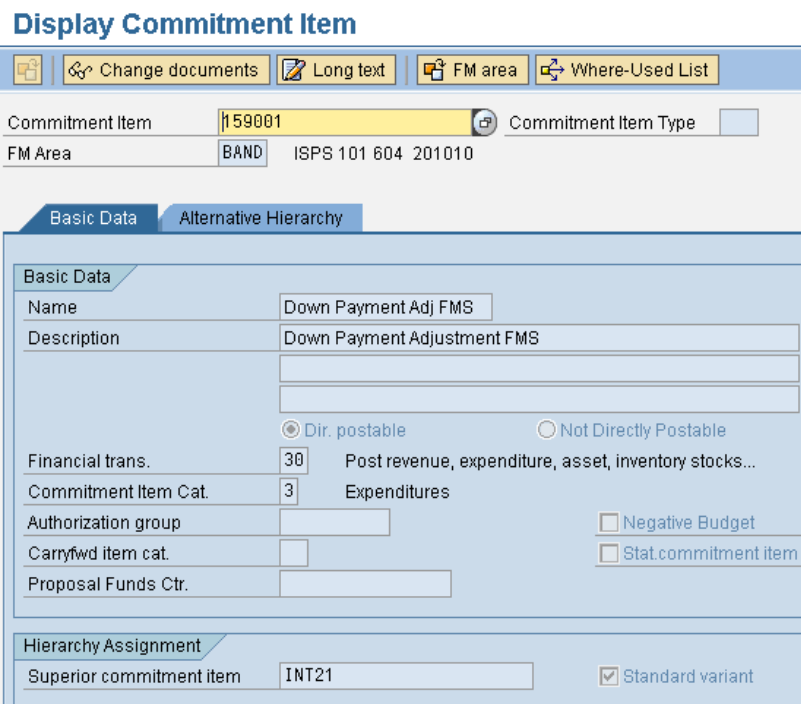
Open Item Management
 Line item display



G/L Account: 159001 Down payment Adjustment Account FMS
 Company Code: BAND Bandaria Defense

Control of document creation in company code
 Field status group: 6001 General (with text, assignment)
 Post automatically only
 Supplement auto. postings
 Recon. acct ready for input

- The account should map to a corresponding FM commitment item (for example, 159001) with a 30/3 FM setting.



Display Commitment Item

Commitment Item: 159001 Commitment Item Type:
 FM Area: BAND ISPS 101 604 201010

Basic Data

Name: Down Payment Adj FMS
 Description: Down Payment Adjustment FMS

Financial trans.: 30 Post revenue, expenditure, asset, inventory stocks...
 Commitment Item Cat.: 3 Expenditures

Authorization group: Negative Budget
 Carryfwd item cat.: Stat. commitment item

Hierarchy Assignment
 Superior commitment item: INT21 Standard variant

- The FM Account Assignment Derivation Strategy (FMDERIVE) should be set up to derive the default FM Assignment for this account (that is, commitment item, fund, funds center, functional area, funded program, budget period and grant).
 - Commitment Item: 159001
 - Fund: General
 - Funds Center: 10101
 - Functional Area: General
 - Funded Program: General
 - Budget Period: BP1000
 - Grant: Not_Relevant_For_GM

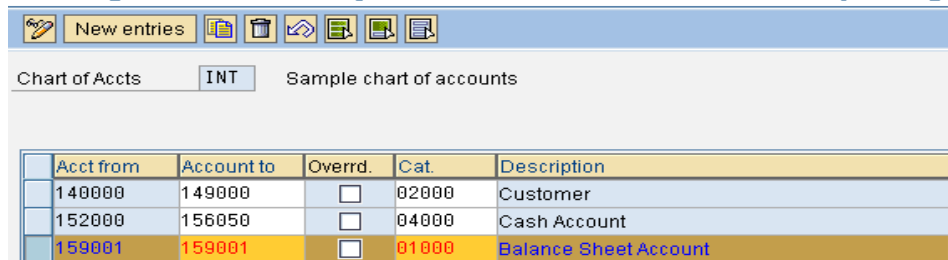
4.10.3.2 Classify FMS Suspense GL of Document Splitting

4.10.3.2.1 IMG → Financial Accounting (New) → General Ledger Accounting (new) → Business Transactions → Document Splitting → Classify GL Accounts for Document Splitting

4.10.3.2.2 Transaction: **SPRO**

If document splitting is active, the FMS suspense GL must be classified for document splitting purposes. Failure to do so will result in posting errors. Assign the G/L to a balance sheet splitting category.

Change View "Classify G/L Accounts for Document Splitting"



Acct from	Account to	Overrd.	Cat.	Description
140000	149000	<input type="checkbox"/>	02000	Customer
152000	156050	<input type="checkbox"/>	04000	Cash Account
159001	159001	<input type="checkbox"/>	01000	Balance Sheet Account

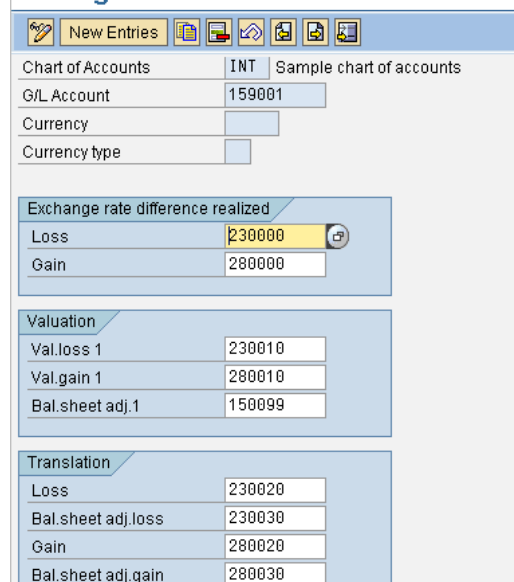
4.10.3.3 Classify FMS Suspense GL of Document Splitting

4.10.3.3.1 IMG → Financial Accounting (New) → General Ledger Accounting (new) → Business Transactions → Open Item Clearing → Define Accounts for Exchange Rates

4.10.3.3.2 Transaction: **OB09**

- If foreign exchange rates change between the time the FMS suspense account is initially credited and the time that the account is cleared, the system will trigger a foreign exchange rate gain/loss posting. Define the foreign exchange gain/loss accounts used for clearing this account.
- Create an entry for GL 159001 by copying a rule from an existing account. For open item clearing purposes, P&L gain/loss accounts must be defined for exchange rate differences realized.

Change View "Acct Determination For OI"



Exchange rate difference realized	
Loss	230000
Gain	280000

Valuation	
Val.loss 1	230010
Val.gain 1	280010
Bal.sheet adj.1	150099

Translation	
Loss	230020
Bal.sheet adj.loss	230030
Gain	280020
Bal.sheet adj.gain	280030

4.10.3.4 Define Special GL Indicator for Suspense Amounts (Optional)

IMG → Financial Accounting (New) → Accounts Receivable and Accounts Payable → Business Transactions → Postings With Alternative Reconciliation Account → Other Special G/L Transactions → Define Alternative Reconciliation Account for Vendors

Transaction: **OBXT**

- If a customer wishes to track FMS down-payment suspense in the vendor sub-ledger, as opposed to directly in the general ledger, additional master data and configuration are required.
 - Define a new vendor reconciliation G/L account for FMS suspense.



Display G/L Account Centrally

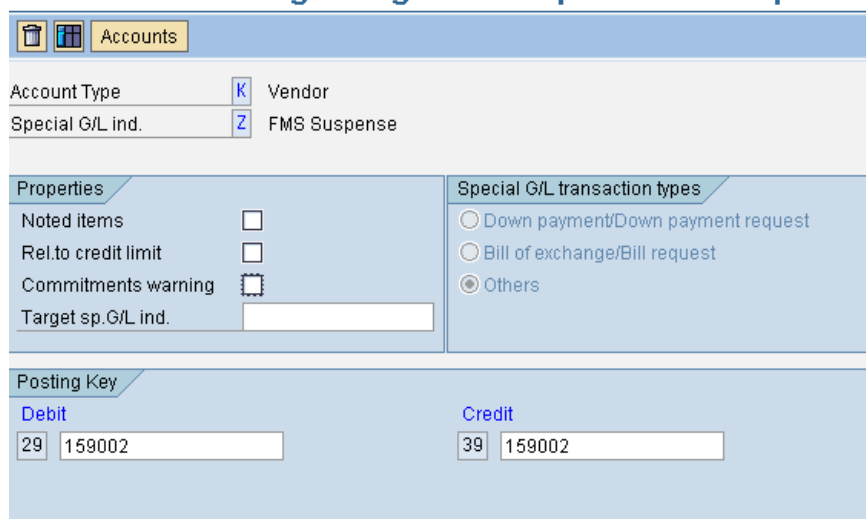
G/L Account: 159002
 Company Code: BAND Bandaria Defense

Account control in company code

Account currency: EUR European Euro
 Only balances in local crcy
 Exchange rate difference key:
 Valuation group:
 Tax category: * All tax types allowed
 Posting without tax allowed
 Recon. account for acct type: Vendors

- Define a new special G/L indicator for FMS suspense and map it to a vendor GL reconciliation account.

Maintain Accounting Configuration : Special G/L - Properties



Accounts

Account Type: K Vendor
 Special G/L Ind.: Z FMS Suspense

Properties

Noted items:
 Rel.to credit limit:
 Commitments warning:
 Target sp.G/L ind.:
 Special G/L transaction types

Down payment/Down payment request
 Bill of exchange/Bill request
 Others

Posting Key

Debit: 29 159002
 Credit: 39 159002

- This special G/L indicator would then be mapped to the special GL indicator field in Rules for Processing Down Payment Transfers to PO.

4.10.3.5 Adjust Field Status Settings on Posting Keys

IMG → Financial Accounting (New) → Financial Accounting Global Settings (New) → Document → Define Posting Keys

Transaction: **OB41**

- During MIRO processing, down-payment clearing may fail if the field status of the posting key used requires a field that is not provided to the calling BAPI.

Field Text is a required field for G/L account BAND 160000

Message no. F5806

Diagnosis

I

The value for field "Text" in the interface to Financial Accounting is an initial value but you are required to make an entry in the field selection for G/L account "160000" in company code "BAND" linked to the field selection for posting key "26".

System Response

- To allow the posting, adjust the field status setting on the posting key identified in the error message (as well as its reversal posting key). In the example provided, adjust the field status for the text field on posting keys 26 and 36.

Maintain Field Status Group: General data

Field check

General Data Page

Posting keys ;26 Payment difference

General data	Suppress	Req. Entry	Opt. entry
Assignment number	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Text	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Invoice Reference	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

4.10.3.6 Define Constants for Document Splitting

IMG → Financial Accounting (New) → General Ledger Accounting (New) → Business Transactions → Document Splitting → Edit Constants for Non-assigned Processes

Transaction: **SPRO**

- This configuration is only applicable to customers using document splitting. For certain automatic postings (for example, down payment clearing), the system will look for a default account assignment to use on the split entry, if the real value is not known at the time of posting. If no default is found, an error will be triggered.
- For example, if documents are split by profit center but a profit center can not be derived at the time of down-payment clearing, the system will trigger error message "GLT2301 – Constant 0PACC for Ledger X does not contain any value". To correct the error, define a constant value for profit center. This value will be used to split the down-payment clearing document.

4.10.4 Maintain View V_TQSUB for Notification in SDR

Maintain Table:

Add sub-screens '0901' and '0902' (or any other screen that does not yet exist for category '02') in view V_TQSUB. Example:

Cat. No. Screen Report name Name

02 nnn 0901 /PSFMS/SDR_IQS0 SDR subscreen 1

02 nnn 0902 /PSFMS/SDR_IQS0 SDR subscreen 2

4.10.5 QM Configuration for SDR

4.10.5.1 Create Notification Type YQ

- *IMG → Quality Management → Quality Notifications → Notification Creation → Notification Types → **Define Notification Types***

Copy Q2 (Complaint ag. Vendor) to YQ:

Notification type 'YQ'

Notification origin: Complaint against vendor

Catalog profile: QM0000001

Flag 'Early Number Assignment'!!

Save

- *IMG → Quality Management → Quality Notifications → Notification Creation → Notification Types → **Define Screen Templates***

Define Screen Areas and Tabs → Notification Header and Screen Areas

- Mark notification type 'YQ' and enter:

Screen type header: H500 (Header Quality Notification)

Screen type object: O510 (Object for Vendor fault list)

--> Leave Customizing setting 'Define Screen Areas and Tabs' afterwards.

Copy Screen Areas from the Standard System

- Enter Notification type YQ.

Define Initial Screens for Notification Type 'YQ'

- Enter the same entries as for notification type 'Q2':

Function Module: QM03_CREATE_QMEL_WITH_WINDOW

Initial screen: '0100'

Define Screen Areas and Tabs --> Simplified Views: Screen Areas for Notification Type 'YQ'

- Data from notification type 'Q2' is copied into it:

Screen area 1: 031 (Subject and long text)

Screen area 2: 010 (Processing)

Screen area 3: 037 (Partner overview screen)

Define Screen Areas and Tabs --> Extended View: Tab strips and Screen Areas for Notification Type 'YQ'

- Add new entry '10/TAB19':
 - Tab '10\TAB19'
 - Tab header: 'FMS Data'
 - Flag checkbox 'Tab' and press Enter
 - Enter the Screen areas:
 - Screen area 1: 200 (SDR1)
 - Screen area 2: 201 (SDR2)
- Change entry '10/TAB01':
 - Set tab to inactive.
- Change entry '10/TAB02':
 - Set screen area 5 on 040 (Reference Documents)
- Change entries '10/TAB03' and '10/TAB10':
 - Set tabs to inactive

Field Selection: General Screens for Notification Type 'YQ'

- Choose button 'Influencing'.
- Set the cursor on line 'Notification type' and choose button 'Influencing'.
- Enter Notification type 'YQ' into field 'Content' and press Enter.
- Change the following field to required:
 - Complaint quantity (VIQMEL-RKMNG)
- Change the following fields to hide:
 - Date of Ret.Delivery (VIQMEL-RKDAT)
 - Defective (external) (VIQMEL-MGFRD)
 - Defective (internal) (VIQMEL-MGEIG)
 - Ref. quantity (VIQMEL-BZMNG)
 - Return delivery qty (VIQMEL-RGMNG)

Field Selection: Initial Screens for Notification Type 'YQ'

- Choose button 'Influencing'.
- Set the cursor on line 'Notification type' and choose button 'Influencing'.
- Enter Notification type 'YQ' into field 'Contents' and press Enter.
- Change the following fields to required (mark 'Req.):
 - Purchasing Document, RQM01-EBELN
 - Item, RQM01-EBELP

- *IMG* → *Quality Management* → *Quality Notifications* → *Notification Processing* → *Response Control* → **Define Priorities**
 - Choose Mark Priority Types for Notification Type.
 - Mark YQ and enter the value QM for the priority type.

- *IMG* → *Cross-Application Components* → *Notification* → *Notification Creation* → *Notification Content* → **Catalogs and Catalog Profiles for Notification Type**

- Mark the notification 'YQ' and enter the same entries as for 'Q2':

Coding: 'D' (Coding)

Problems: '9' (Defect types)

Causes: '5' (Causes)

Tasks: '2' (Tasks)

Activities: '8' (Activities)

Object Parts: 'E' (Defect Locations)

4.10.5.2 Define User Status Profile

- *IMG* → *Quality Management* → *Quality Notifications* → *Notification Processing* → *Status Management* → **Define Status Profile**

User Status Profile (schema) and User Status Definition

- Choose Maintain Status Profiles:

Example: Profile YQ_N_001: 1 INIT Initialize Notification, init. status, lowest status1, highest status2

2 REL Released for processing, lowest status2, highest status3

3 FIX Fixed: no changes allowed, lowest status2, highest status4

3 SENT SDR sent by e-mail, lowest status3, highest status4

- Go to Object Types and mark 'Quality notification'

Assign Status Profile (schema) to Notification Type

- Status Profile for Notification Type:

- Mark the notification 'YQ' and go to Details:

Example: Type YQ: Status profile for notification: YQ_N_001

Status profile for Task: QM_T_001

4.10.5.3 Define Action Box for Sending Emails

The recipient of the e-mail must be defined as a BP.

- *IMG* → *Quality Management* → *Quality Notifications* → *Notification Processing* → *Additional Notification Functions* → **Define Action Box**

Maintain Action Box for sending Emails

- Choose 'Define Functions for the Action Box'.

- Mark notification type 'Q2' for copying and notification type 'YQ'.

- Go to 'Activities'.

- Mark the entry 'Q2, 0130, ... Send E-mail' and choose icon 'Copy as'.

Example: Function: 0130 (Send E-Mail)

change Notification type to 'YQ'

change Function Module to /PSFMS/QM06_FM_TASK_PDF_MAIL+C42

User Interface: Icon ICON_CREATE with Quick info 'Send E-Mail'

Coding for generated task: Code Group: QM-G2 ('General Task for Complaint to Vendor')

Code: 0031 ('Response')

- *IMG → Quality Management → Quality Notifications → Notification Creation → Partners → Define Partner Determination Procedures*

Define partners.

- Choose 'Assign Partner Functions to Notification Type'
- Mark YQ and make following entries:
 - Vendor: 'Vendor'
 - Manufacturer: 'Manufacturer'
 - Person responsible: enter a Coordinator (user)
 - Notif. proc.: enter a QM processor

4.11 SAP Funds Management Integration

4.11.1 Funds Management Configuration

This sub-section identifies the Funds Management (FM) configuration requirements needed to support the FMS solution.

4.11.1.1 Define FMS tolerance key for earmarked funds

- 4.11.1.1.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Tolerance Limits → Define Tolerance Keys*
Transaction: SPRO

To address minor rounding differences observed between FM and FI, define a tolerance key for FMS down-payment clearing postings.

4.11.1.2 Define FMS Tolerance Limits for Differing Amounts

- 4.11.1.2.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Tolerance Limits → Define Tolerance Limits for Differing Amounts*
Transaction: SPRO

Establish the tolerance parameters for the FMS tolerance key in local currency.

4.11.1.3 Define FMS Funds Reservation Document Type

- 4.11.1.3.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfer → Field Control for Earmarked Funds and Funds Transfers → Assign Field Selection String*
Transaction: FMUN

The field selection screen assigned to the field status group controls which fields are available on the earmarked funds document. Field selection string MITTELVORMC includes GL account and cost center. Both are required to support FMS processing. Assign field selection string MITTELVORMC to field status variant FMRE and Field status group G001.

4.11.1.4 Define FMS Funds Reservation Document Type

- 4.11.1.4.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Define Document Types*
Transaction: FMU1

- Define a new document type for FMS Funds Reservation (copy of standard document type 11). Assign it to field status group G001, tolerance key "FMS", and check the Additive Reduction Logic

flag. The additive logic works under the assumption that related documents clear each other and that each document is relevant for earmarked funds consumption.

- This setting is required for FMS down-payment processing.

4.11.1.5 Define Account Assignment Transfer Rules for Earmarked Funds

4.11.1.5.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Account Assignment Transfer → Define Rules for Account Assignment Transfer*
Transaction: SPRO

- Define a new earmarked funds account assignment transfer rule to support FMS down-payments. Down-payments will be made with reference to an existing funds reservation document. The FM account assignment block will be copied to the down-payment from the funds reservation.
- Set the FM fields to active so that they will be copied. CO objects should be excluded from the transfer rule, so as to avoid an SAP message that warns not to assign CO objects with the down-payment account.

4.11.1.6 Assign Rules for Account Assignment Transfer Rules for Earmarked Funds

4.11.1.6.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Account Assignment Transfer → Assign Rules*
Transaction: SPRO

Assign the FMS account assignment transfer rule to the down payment activity (AZBU).

4.11.1.7 Define Blocking Reason for FMS Earmarked Funds

4.11.1.7.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Define Blocking Reasons*
Transaction: SPRO

Define a blocking reason to be used with MM contract/FM integration. FMS funds reservations created from MM commitment plans should be automatically blocked from changes in FM. Any changes must originate from the MM commitment plan.

4.11.1.8 Define MM/FM Integration Scenario for FMS Contracts

4.11.1.8.1 *IMG → Public Sector Management → Funds Management Government → Funds Management Specific Postings → Earmarked Funds and Funds Transfers → Define Integration Scenarios*
Transaction: SPRO

Define the integration rules between FMS contracts in MM and FMS funds reservations in FM. This includes three separate configuration steps as shown below.

- Define company code group.
- Assign company code to company code group.
- Maintain data for integration scenario:
 - Assign scenario to company code group.
 - Assign scenario to FMS earmarked funds document type.
 - Assign scenario to FMS earmarked funds blocking reason.

4.11.1.9 Define FMS Purchase Requisitions for Statistical Update in Funds Management

4.11.1.9.1 *IMG → Public Sector Management → Funds Management Government → Actual and Commitment Update/Integration → General Settings → Override Update Profile*
Transaction: SPRO

- If you are using both purchase requisitions and funds reservations in your FMS business flow, you can trigger availability control errors unless the purchase requisition is set to statistical update. This can be done either via configuration (as shown below) or through the use of user exit exit_SAPLFMFA_001.
- The configuration option shown here applies to all purchase requisitions, not just FMS purchase requisitions. If you are comfortable with this approach, set the “statistical update” flag on the purchase requisition value type (50) for the update profile assigned to the FM area.
- If you only want the statistical update to apply to FMS purchase requisitions allow this via exit_SAPLFMFA_001.

4.11.1.10 Verify GR/IR FM Update Setting for FM Area

4.11.1.10.1 *IMG → Public Sector Management → Funds Management Government → Actual and Commitment Update/Integration → General Settings → Make Other Settings*
Transaction: OFUP

- Although SAP supports updates to Funds Management at the point of goods receipt, invoice receipt, or Goods Receipt/Invoice Receipt, the current FMS Public Sector solution will only work properly for those customers that are using the MM invoice receipt update. Unlike MIRO invoice receipt, business switch LOG_MMFI_P2P does not support automatic down-payment clearing at the time of goods receipt. Without this automatic down-payment clearing in place, transactions would fail due with budget availability errors.

4.11.1.11 Verify GR/IR FM Update Setting for FM Area

4.11.1.11.1 *IMG → Public Sector Management → Grants Management → Grantee Management → Global Settings → Set Grant as Not Relevant for Grants Management*
Transaction: GMNRG

Some parts of the SAP system require specification of a grant, even if no other functions are performed in relation to it. In order to avoid grant management errors, a default grant can be specified (not relevant to FMS solution).

4.11.2 SAP DMP 2.0 FM Integration – Configuration and Customization

This section describes the configuration directly related to the SAP DMP 2.0 FM Integration.

SAP DMP 2.0 FM Integration configuration is located in Funds Management under the IMG node **Foreign Military Sales (FMS) Management → FM Integration**

4.11.2.1 Down-payment Processing Configuration

The following configuration entries control down-payment related processing in SAP DMP 2.0 FM Integration.

4.11.2.1.1 Settings for Automatic Down-payment Posting

4.11.2.1.2 IMG → FMS Management → FM Integration → Settings for Automatic Down Payment Posting

In this activity you make various settings that control how various automatic down-payment related postings are created by the Down Payment (DP) Assistant. Settings from this activity control the following:

- Document type for initial down-payments
- Document type for DP transfer from purchase order (PO) back to case
- Document type for clearing DP suspense
- Document type to return DP to PO after credit
- Bank GL account for FMS down payments
- Target special G/L Indicator: if entered, the initial down-payments are to be created as down payment requests instead of down payments

4.11.2.1.3 Define Processing of Down Payment Transfers to Purchase Order

4.11.2.1.4 IMG → FMS Management → FM Integration → Define Processing for Down Payment Transfers to PO

In this activity, you provide settings to manage the way in which down-payment transfers from the FMS case to individual PO are performed.

An FMS down-payment suspense account is defined for cases in which the amount of down-payment transfer required for a PO exceeds the available amount of the case level down-payments. The following settings apply to the suspense account:

- Special G/L Ind for down payment transfer suspense postings:
 - Only enter a value in this setting if you want to use a vendor reconciliation account as the suspense account. In that case, suspense postings are created against the vendor account using this special GL indicator.
- GL account number for down payment transfer suspense posting:
 - Only enter a value in this field if you want to use a general ledger account (that is, a liability account) as the suspense account. Normally this will be an open item managed account.
- Cost center for down-payment transfer suspense postings: all postings to a suspense GL account will include this cost center.
- You can also specify a minimum value for which down-payment transfers are posted. Any down-payment transfers requiring less than this amount will not be processed.

4.11.2.1.5 Settings for Prepayment Scenarios for Down-payment Transfer

4.11.2.1.6 IMG → FMS Management → FM Integration → Settings for Prepayment Scenarios for Down Payment Transfer

All FMS down-payment transfers are categorized as one of the following scenarios:

- Prepaid: the related FMS funds reservation has enough available down-payment to cover the transfer
- Not prepaid: the related FMS funds reservation has no available down-payment
- Partly prepaid: the related FMS funds reservation has some available down-payment, but less than the amount required

Automatic postings for down-payment transfers are controlled by configuration per scenario.

The scenario is initially identified during PO maintenance. During down-payment transfer processing, it will be re-determined since other postings related to the same funds reservation may have changed the available down-payment amount.

The following settings are available for each scenario:

- Document Type: The FI document type used for posting the down-payment transfers
- Indicator: Skip standard processing for pre-payment scenario (if set, no automatic postings will be performed by FMS for this scenario)

4.11.2.2 Allow Combined Commitment Plan for Contract Types

In this activity you define which MM contract types are allowed to use combined commitment plan.

A standard commitment plan applies to only a single contract item of an MM contract. A combined commitment plan can be used by any item of the contract, and is allowed to include an amount larger than the item under which it is created.