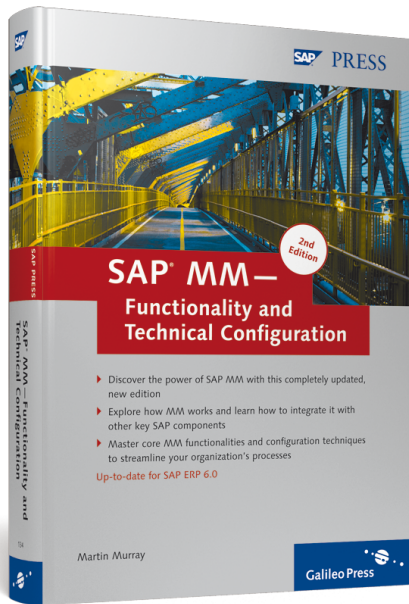


Martin Murray

# SAP® MM-Functionality and Technical Configuration



Galileo Press 

Bonn • Boston

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*The MM functionality includes a number of important master data files. The Material Master and Vendor Master files are at the core of Procurement, Inventory Management, and Invoice Verification.*

## **3 Master Data in Materials Management**

A number of master data files in MM require a significant amount of understanding, not only on the part of the SAP consultant but also on the part of the SAP customer. When implementing SAP, customers are generally transitioning from one or more legacy systems. A key aspect of any implementation is the conversion of data to the master data files in SAP.

A fundamental indicator of a successful implementation is the level to which the data has been correctly converted into the SAP master data files. In this chapter, we will examine the master data files that are integral to the practice of MM. The following sections examine each of the master data files in the MM module, and the necessary configuration steps for the creation of master data are described.

### **3.1 Material Master**

The Material Master is the repository of the data used for a material. The Material Master is more than a single file for each material, it is where all information on a material is entered and accessed, and it is used throughout the SAP system.

#### **3.1.1 Material Master Overview**

When customers implement SAP, they are often overwhelmed by the information contained in the Material Master file. When customers examine their existing systems, such as BPICS, JDEdwards, or Lawson, they find that their product or material files contain a fraction of the data contained in the SAP Material Master.

### 3.1.2 Material Master Tables

The Material Master transaction allows the users to enter all the information relevant to a particular item of material into the correct tables. The Material Master is not just one file, but a number of tables that contain information that combined reflect all the information for that material.

Many tables are updated when information is entered into the Material Master transaction. The Material Master transaction is structured so that there are entry screens for different functional information items such as Purchasing, Sales, or Accounting, but there is also an organizational dimension to data entry. The material information can be entered at each level of the organization, for example, at the levels of plant, storage location, or sales organization.

### 3.1.3 Material Numbering

An issue that SAP customers can face when converting their item files over to the Material Master is whether to keep their legacy numbering scheme by continuing to enter their own material numbers. Customers have the option of allowing SAP to automatically assign material numbers.

Often, legacy systems have meaningful material numbering. This numbering has usually been in place for some time, and employees are familiar with the numbering. For the simplicity of maintenance, automatic assignment of material numbers is the best choice. When working with your client, be aware that there are arguments to use and not to use a meaningful numbering scheme in SAP.

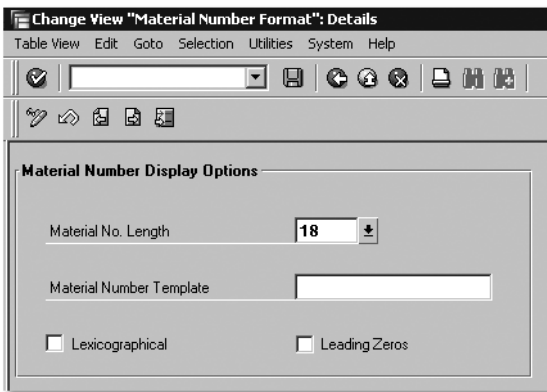
The material number field is defined in configuration. Using the Transaction OMSL or the navigation path **IMG • Logistics – General • Material Master • Basic Settings • Define Output Format for Material Numbers**.

Figure 3.1 shows the configuration screen for defining the output format for material numbers.

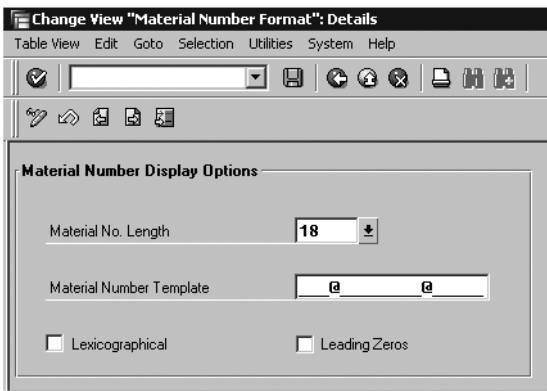
This configuration screen does not have many input fields but is extremely important when initially defining the Material Master. After your customer has decided upon the Material Master numbering scheme, you can first enter the length of the material number in the **Material No. Length** box.

The customer may then decide that it needs the automatically assigned material numbers in a certain format that can be defined. In this case, you can

define the template and the special characters required. Figure 3.2 shows you the template defined for internally assigned material numbers.



**Figure 3.1** Configuration Screen for Defining Output Format



**Figure 3.2** Template for Internally Assigned Material Number

In this case, the customer requires the material numbers to appear as this example 123@45678901@23456. The only character that cannot be used in the template is the underscore because that is used to signify a nontemplate field.

The two other fields in the OMSL Transaction have to do with how the material number is stored and how SAP determines what the number is.

The **Lexicographical** indicator is only relevant for numeric material numbers, either internally or externally defined. In Figure 3.2, the indicator is not set, which means that the numbers are stored with leading zeros and

right-justified. For example, if a user enters the number 12345678, the number will be stored as 000000000012345678, with 10 leading zeros.

If the indicator is set, then the numeric number is not right-justified and not padded with zeros. The field acts more like a character string, where a leading zero becomes a valid character.

In the following example, the indicator is now set. A user entering material 12345678 finds that the material number is stored as 12345678, with no padding. If the user then entered 0012345678, it is stored in that way, and this is a different material number in SAP. However, an internally assigned material number is padded with the leading zeros, 000000000012345678. Therefore, for this example, there are three separate material numbers.

Remember that this indicator cannot be changed after there are numeric material numbers in the system, so it must be defined before any tests are run in the system.

The other field in the Transaction OMSL is the **Leading Zeros** indicator. If this indicator is set, then the material number is shown with the leading zeros. However, if the **Lexicographical** indicator is set, then the **Leading Zeros** indicator is ignored by the system.

### 3.1.4 Material Number Range

When the definition of the material number has been determined, the configuration for the material number range can be completed.

The material number ranges can be configured in Transaction MMNR or via the navigation path **IMG • Logistics – General • Material Master • Basic Settings • Material Types • Define Number Ranges for Material Types**.

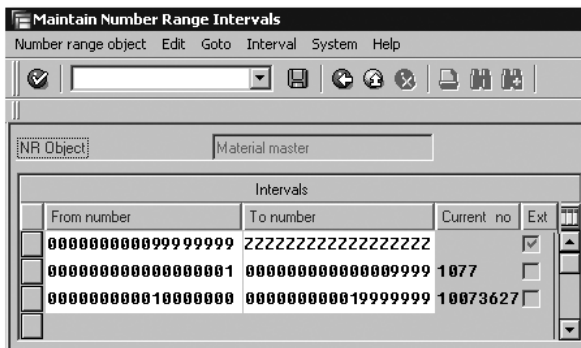


Figure 3.3 Defined Internal and External Number Ranges

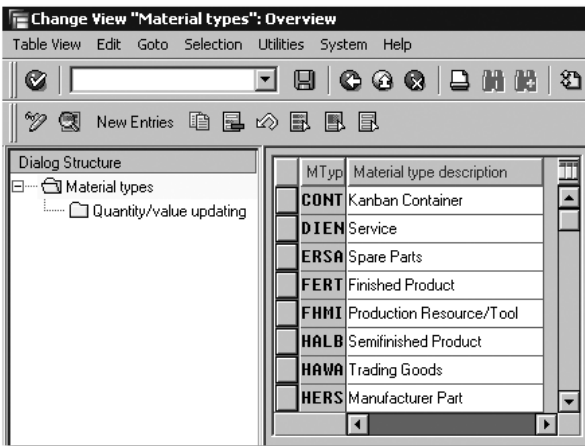
The transaction allows a range of numbers to be entered and the option to make that range either externally or internally assigned. Figure 3.3 shows the number ranges defined for internal and external number assignment.

### 3.1.5 Material Type

A material type is a definition of a group of materials with similar attributes. A material type must be assigned to each material record entered into the Material Master.

The transaction for the material type definition is OMS2. The navigation path is **IMG • Logistics – General • Material Master • Basic Settings • Material Types • Define Attributes of Material Types**.

The material type is configured so that fields in the Material Master are pre-defined for the materials assigned to that material group (see Figure 3.4). For example, if you configure the price control for a material type to be standard price, all materials assigned to that material type will be standard price as well.



The screenshot shows the SAP Change View 'Material types': Overview. The window title is 'Change View "Material types": Overview'. The menu bar includes 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is divided into two panes. The left pane, titled 'Dialog Structure', shows a tree view with 'Material types' expanded to show 'Quantity/value updating'. The right pane is a table with the following data:

MTyp	Material type description
CONT	Kanban Container
DIEN	Service
ERSA	Spare Parts
FERT	Finished Product
FHMI	Production Resource/Tool
HALB	Semifinished Product
HAWA	Trading Goods
HERS	Manufacturer Part

**Figure 3.4** Material Types and Descriptions

After the material type has been created, the attributes can be defined. Figure 3.5 shows the attributes that can be assigned to each **Material Type**. After the material type has been defined, then the number range can be assigned.

Now we have looked at the details that go into making up the Material Master. The next section explains the functionality of another important element in the MM module, the Vendor Master.



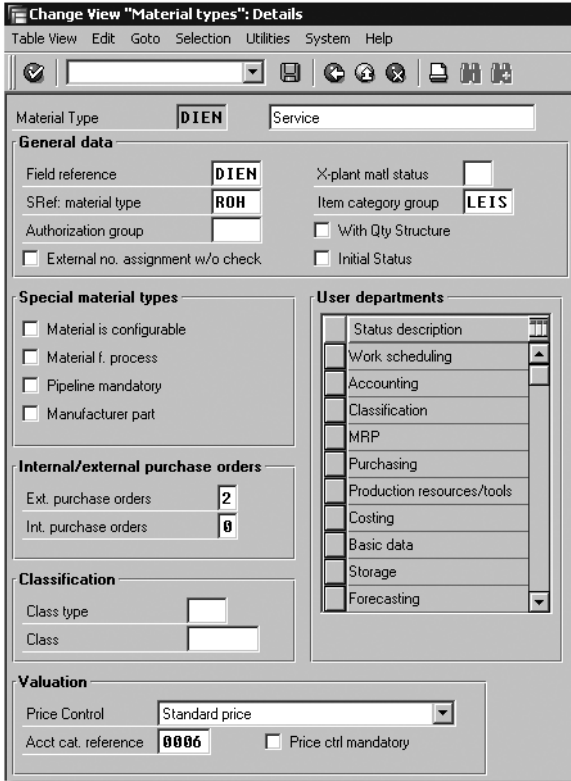


Figure 3.5 Attributes Assigned to Material Types

## 3.2 Vendor Master

The Vendor Master is an important master file that contains the information on a supplier that is required for purchasing any material. The vendor file is the sole location for the information on each of the vendors for a company. The records in the Vendor Master file should be correct, checked, and updated regularly to ensure that the most accurate records are used.

### 3.2.1 Definition of a Vendor

A vendor is a person or company who supplies materials or services to the person or company requiring those materials or services. For SAP customers, every supplier that they need to convert from their legacy systems will require a Vendor Master record in SAP.

### 3.2.2 Vendor Master in SAP

The Vendor Master in SAP holds details about each vendor used by the customer. The Vendor Master has three distinct sections: general data, accounting data, and purchasing data.

#### General Data

The general data is, as the name suggests, general information about the vendor that can be entered into the system by the group identified to create vendor records. The basic data entered at this level includes name, search terms, address, telephone, and fax. After this data is entered, further information can be added to the Vendor Master record by accounting and purchasing. This data can be entered using Transaction XK01.

#### Accounting Data

The accounting data is the financial data that is entered at the company code level. This data includes tax information, bank details, reconciliation accounts, payment terms, payment methods, and dunning information. The transaction used in financial accounting to enter this information is FK01.

#### Purchasing Data

The purchasing data is entered for the vendor at a purchasing organizational level. We will discuss the purchasing organization later in the book. The data entered is relevant for one purchasing organization and may be different between purchasing organizations. The data entered includes control data required in purchasing, partner functions, purchasing default fields, and Invoice Verification indicators. This data can be entered using Transaction MK01.

### 3.2.3 Vendor Account Groups

When you create a vendor, you must assign an account group to that vendor. Therefore, these account groups must be defined in configuration before vendor creation.

The account group is defined via the navigation path **IMG • Financial Accounting • Accounts Receivable & Accounts Payable • Vendor Accounts • Master Data • Preparations for Creating Vendor Master Data • Define Account Groups with Screen Layout (Vendors)**.

In Figure 3.6, you can see the existing account groups. If you need to define another account group, click on the **New entries** button. The screen shown in Figure 3.7 will appear.

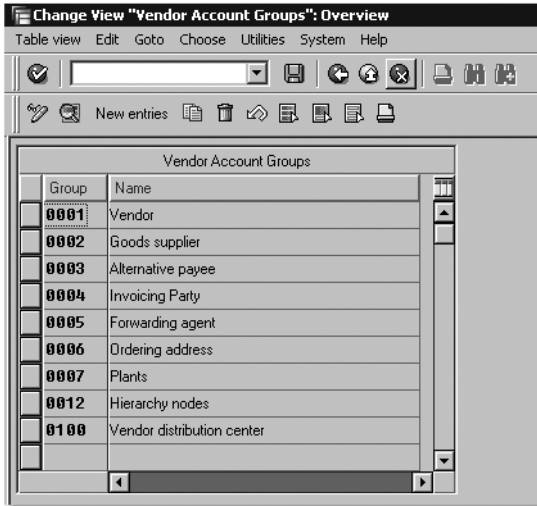


Figure 3.6 Account Group with Description

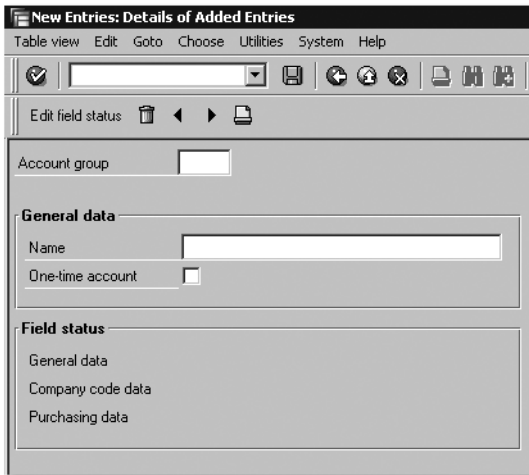
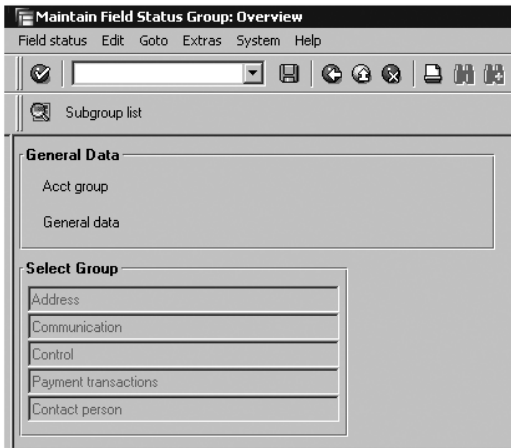


Figure 3.7 Field Entry for Account Group and Description

On this screen, you can specify whether an account group is just for one-time vendors in the **One-time account** field. For vendors that you only deal with once, their data is entered into the document and not as master data. After you have entered the **Account group** and description, you can then modify

the field status as needed. This transaction allows you to configure the system to show or to not allow users to enter information into certain fields. Highlight the **Field status** for the **General data**, **Company code data**, or **Purchasing data**, and then click on the **Edit field status** button.

Figure 3.8 shows the specific field groups that are available to configure. For the **General Data** screen, these are the **Address**, **Communication**, **Control**, **Payment transactions**, and **Contact person** groups. Double-click on the group you want to configure.

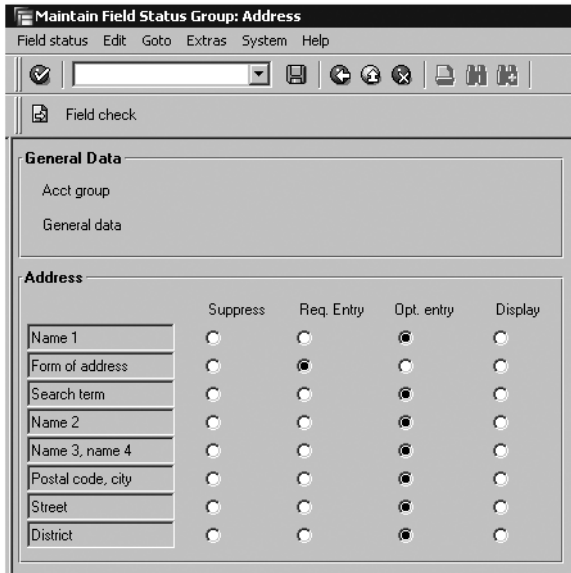


**Figure 3.8** Field Groups for the General Data Screen

This configuration screen, shown in Figure 3.9, allows you to make certain fields suppressed (**Suppress**), a required entry (**Req. Entry**), an optional entry (**Opt. entry**) (as most are in this figure), or display only (**Display**). This configuration becomes specific to the account group that is entered when a Vendor Master record is created.

The screen layouts can also be modified for company code using the navigation path **IMG • Financial Accounting • Accounts Receivable & Accounts Payable • Vendor Accounts • Master Data • Preparations for Creating Vendor Master Data • Define Screen Layout per Company Code**.

The screen layout can also be modified by the particular activity. In other words, the screen for creating a vendor can be modified to appear differently from the screen for modifying a vendor. The navigation path is **IMG • Financial Accounting • Accounts Receivable & Accounts Payable • Accounts Receivable & Accounts Payable • Vendor Accounts • Master Data • Preparations for Creating Vendor Master Data • Define Screen Layout per Activity**.



**Figure 3.9** Some Fields Used to Configure the Address Field Group

### 3.2.4 Vendor Number Range

When defining the vendor number range, it is important to remember that vendor numbers, like material numbers, can be externally or internally assigned. Many SAP customers decide to create different number ranges for each of their account groups. This requires careful consideration when defining number ranges to prevent the number ranges from overlapping.

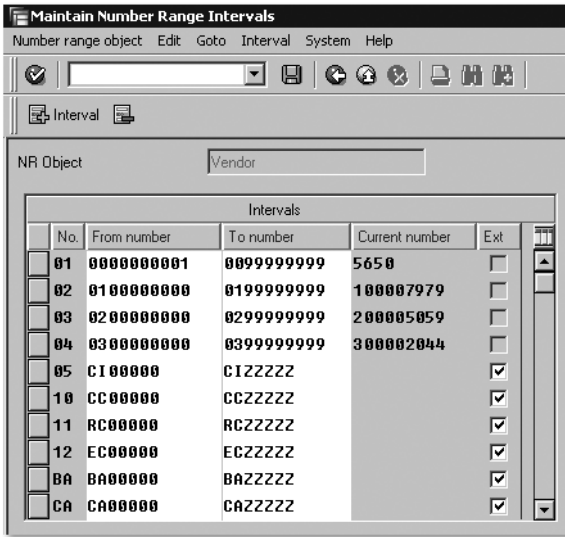
The transaction to create vendor number ranges is XKN1. The navigation path is **IMG • Financial Accounting • Accounts Receivable & Accounts Payable • Vendor Accounts • Master Data • Preparations for Creating Vendor Master Data • Create Number Ranges for Vendor Accounts**.

Figure 3.10 shows the configuration for vendor number ranges.

For this transaction, you should enter a unique number (**No.**) for the range (a two-character field) and then the range for the numbers for your defined number range. The **Current number** field allows you to define the current number. The **Ext.** field allows you to define whether the number range is externally (user) defined.

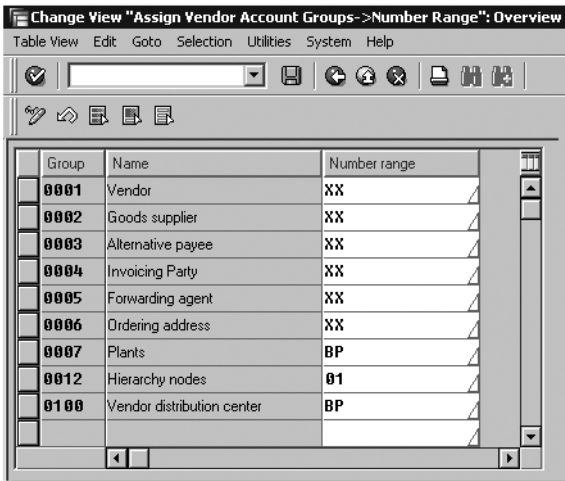
After the number range is defined, it can be assigned to a vendor account group. The navigation path to assign a number range to a vendor account is **IMG • Financial Accounting • Vendor Accounts • Master Data • Preparations**

**for Creating Vendor Master Data • Assign Number Ranges to Vendor Account Groups.**



**Figure 3.10** Configuration for Vendor Number Ranges

The number range can be assigned to many vendor account groups, as shown in Figure 3.11. Therefore, if your SAP customer decides to use just one number range for all its vendors, the configuration would show one number range assigned to all account groups.



**Figure 3.11** Vendor Account Groups and Assigned Number Ranges

### 3.3 Purchasing Information Data

The purchasing information record allows additional information to be held on a specific material that is purchased from a specific vendor. The information held in the Vendor Master file allows the specification of parameters, such as payment terms, that refer to the agreement between the vendor and the purchasing organization. However the purchasing information data allows further definition of those agreements down to the material level.

#### 3.3.1 Purchasing Information Record

The purchasing information record is where information specific to a material and a vendor is held. This can then be further specified for a particular purchasing organization.

The purchasing information record is used in the purchase order where information from the record is defaulted into the purchase order (PO). Information such as purchasing group, net price, Invoice Verification indicators, and delivery tolerances all can be entered into the purchasing information record.

Four categories of purchasing information records can be created:

- ▶ **Standard**  
Information record for standard purchase orders.
- ▶ **Pipeline**  
Information on vendor material that is supplied through a pipeline, cables, or pipes, such as water or electricity.
- ▶ **Consignment**  
Information on material that a vendor owns and stores at the plant of the purchaser.
- ▶ **Subcontracting**  
Information for subcontract orders.

It is important to identify the correct category before creating a purchasing information record.

#### 3.3.2 Purchasing Information Record for a Nonstock Material

The purchasing information record usually applies to a vendor and a specific material that it supplies. However, the vendor occasionally may be supplying a service to a nonstock material.

For example, there may be an operation in a production order where material is sent out for a treatment. There is no material number at that point for the material in the production order, but there is a purchase information record for a group of materials, that is, a specific material group such as certain raw materials or semifinished nonstock items.

In the system, the customer can create a purchasing information record for a vendor and a material group. This contains the same information that a vendor/material purchasing information record would have.

### 3.3.3 Purchasing Information Record Numbering

The fact that there are different types of purchase information records makes number ranges necessary. The number ranges for the purchase information record can be assigned either externally or internally.

The number ranges for the purchase information records can be predefined in SAP, and SAP recommends that the customer accept the given number ranges. The system does allow the number ranges to be changed if the customer requires it.

The transaction to define the purchasing information record number ranges is OME0. The navigation path is **IMG • Materials Management • Purchasing • Purchasing Information Record • Define Number Ranges**.

The predefined number ranges for the purchase information records are as follows:

- ▶ **Stock Material**  
Internally assigned 5300000000 to 5399999999.
- ▶ **Stock Material**  
Externally assigned 5400000000 to 5499999999.
- ▶ **Nonstock Material**  
Internally assigned 5500000000 to 5599999999.
- ▶ **Nonstock Material**  
Externally assigned 5600000000 to 5699999999.

### 3.3.4 Purchasing Information Record Screen Layout

The screens in the purchasing information record transactions can be modified to allow field changes. The navigation path for this transaction is **IMG •**



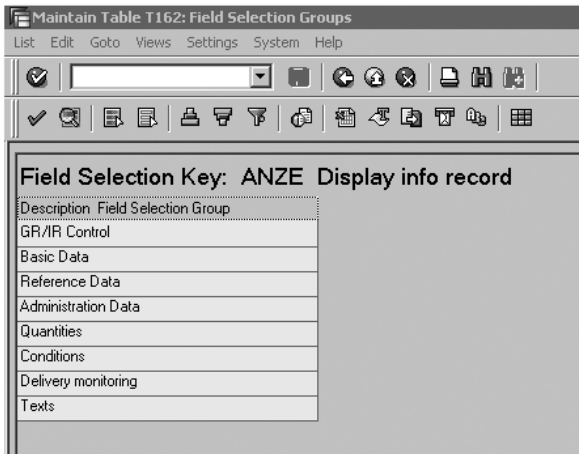
**Materials Management • Purchasing • Purchasing Information Record • Define Screen Layout.**

The screen shown in Figure 3.12 allows you to choose the modifications for each transaction. To select a transaction, double-click on the transaction to go to a screen where you can modify the screen layout. You then can select one of the field selection groups to modify the individual fields.



**Figure 3.12** Record Transactions and Screen Layout Modifications

Figure 3.13 shows the field selection groups available to select from for the purchasing information record transaction. Figure 3.14 shows the individual fields of the **Quantities** field selection group for Transaction ANZE.



**Figure 3.13** Field Selection Groups Available for the Purchasing Information Record Transaction

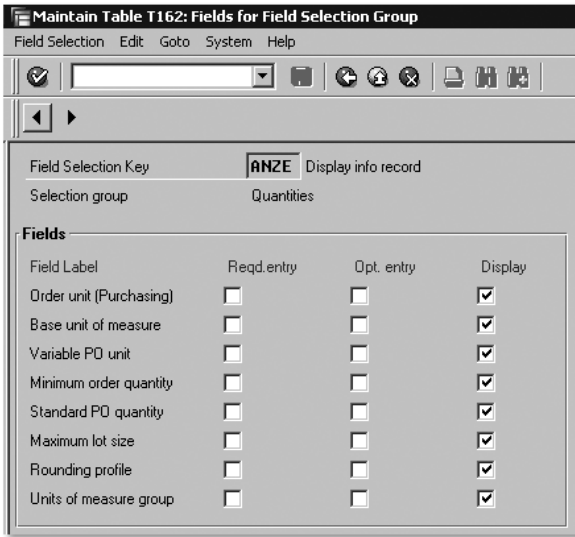


Figure 3.14 Quantities Field Selection Group for Transaction ANZE

## 3.4 Batch Management Data

A batch of material is an important feature that allows a group of one material to have the same characteristics, identified by the batch number. The batch may be created by production or by purchasing. An example of a batch created by production is a batch of beer brewed and stored in one tank. When the beer is bottled, each bottle displays the same batch number. Batch numbers can be assigned when purchased material is received. For example, if a US importer receives a shipment of rolls of silk from China, each roll may arrive with a batch number assigned by the vendor, or a batch number can be assigned at goods receipt and applied to each roll.

### 3.4.1 What Is a Batch?

A batch is a quantity of material that is grouped together for various reasons. Often, a batch is created when it is determined that the materials have the same characteristics and values. For instance, in the chemical industry, a certain number of containers of a certain product may be considered a batch because they were produced at the same time and have the same physical and chemical characteristics. These characteristics may differ from those of another batch of material produced on the same day.

The pharmaceutical industry is one sector where material batches are extremely important. Each batch of material is recorded throughout the production and distribution process. In the case of product recalls, the batch number stamped on the pack or bottle of material is the identification that is needed.

To understand how important batch recording has become, consider the regulations within the European Union. The European Union requires that each batch of imported pharmaceutical material must be accompanied with a batch certificate. This must contain the testing specifications of the product, analytical methods and test results, statements that indicate that it conforms to cGMP (current Good Manufacturing Procedures), and a sign-off by a company official.

### **3.4.2 Batch Level**

In SAP, the batch number can be determined at different levels. This determination needs to be made early in any implementation project. Batches can be determined at client level, plant level, and material level.

#### **Client Level**

If the batch level is configured at the client level, then the batch number can only be assigned once throughout the whole client. One batch number will exist for one batch regardless of material or location. There is no issue when batches are moved from plant to plant because the batch number would not exist in the receiving plant. This is a level where, in some countries, batch numbers are unique to a company and not to a material.

#### **Plant Level**

Batch level at the plant level is the SAP default. This means that the batch is unique to a plant and material but not applicable across the company. Therefore, a batch of material at a different plant within the company could have the same batch number with different characteristics. When transferring batch material from one plant to another, the batch information is not transferred, and the batch information needs to be reentered at the receiving plant.

#### **Material Level**

Batch level at the material level means that the batch number is unique to a material across all plants. Therefore, if a batch of material is transferred to another plant, the batch information will be adopted in the new plant with-

out reentering the batch information because that batch number could not have been duplicated for that material in the receiving plant.

### 3.4.3 Changing the Batch Level

Choosing the batch level should be done early in any implementation. However, due to unforeseen circumstances, you may need to change the batch level.

The batch level can be changed using the Transaction OMCE. The navigation path is **IMG • Logistics - General • Batch Management • Specify Batch Level and Activate Status Management • Batch Level**.

In this transaction, the level can be changed among client, plant, and material. When changing the batch level, and prior to configuration, be aware of the following:

- ▶ To change the batch level from plant level to material level, the material has to be batch-managed in all plants.
- ▶ Any change in batch level requires significant testing before transporting the change to a production system.
- ▶ Batch-level configuration affects the batch-status management functionality.

### 3.4.4 Batch-Status Management

Batch-status management is simply the ability to make a batch either restricted or unrestricted. The transaction code for this configuration is OMCS, and the navigation path is **IMG • Logistics - General • Batch Management • Specify Batch Level and Activate Status Management • Batch Status Management**.

The configuration is simply an option to make batch-status management active or not active. However, the batch-level configuration does affect the way in which batch-status management works, as shown next:

- ▶ If the batch-level configuration occurs at the material or client level, then the batch-status management is effective for all plants in the client.
- ▶ If the batch-level configuration is at the plant level, then you can configure the system to determine at which plant you require batch-status management to be active. The transaction to configure this is OMCU, and the navigation path is **IMG • Logistics - General • Batch Management • Specify**

### **Batch Level and Activate Status Management • Plants with Batch Status Management.**

#### **3.4.5 Initial Batch Status**

After defining the batch-status management, additional configuration may be important to a SAP customer. If you have configured that batch-status management is active and that each batch will have a restricted or an unrestricted status, it is possible to configure the system to set the initial status when a batch is created.

This transaction code to set the initial status of a batch to restricted or unrestricted status is OMAB. The navigation path is **IMG • Logistics - General • Batch Management • Specify Batch Level and Activate Status Management • Initial Status of New Batch.**

The configuration for this is based on the material type. For example, you can configure for all semifinished goods, material type HALB, to have a batch status of restricted when the batches are created for materials with that material type.

#### **3.4.6 Batch Number Assignment**

The batch number range is predefined in SAP. The predefined range 01 is defined as 0000000001 to 9999999999. The number range object for this is BATCH\_CLT. This can be changed in configuration using Transaction OMAD or the navigation path **IMG • Logistics - General • Batch Management • Batch Number Assignment • Maintain Internal Batch Number Assignment Range.**

Following are the two configuration steps that can be carried out if the customer requires it:

- ▶ The batch number can be assigned internally using the internal number range. To configure this, use Transaction OMCZ or navigation path **IMG • Logistics - General • Batch Management • Batch Number Assignment • Activate Internal Batch Number Assignment • Activate Batch Number Assignment.**
- ▶ The system can allow the automatic numbering of batches on a goods receipt with account assignment. This navigation path is **IMG • Logistics - General • Batch Management • Batch Number Assignment • Activate Internal Batch Number Assignment • Internal Batch Number Assignment for Assigned Goods Receipt.**

## 3.5 Serial Number Data

As just discussed, some materials are grouped in batches. To identify a single unit of material uniquely, the unit must be identified by a serial number. For example, in the aircraft industry, each part used on an aircraft must have a serial number. The unique identifier moves with the part as it used and removed. If the part is damaged or needs repair, the information is recorded for that unique serial number.

### 3.5.1 What Is a Serial Number?

A serial number is given to a unique item to identify and record information about the item. A serial number is different from a batch number because a batch number is given to a number of items, but a serial number is unique to one.

The serial number is most often found to refer to equipment such as motors, lathes, drills, or vacuums. For the SAP customer, there may be many areas where serial numbers need to be addressed. If the SAP customer produces items that should be uniquely defined, then serial numbers may be used. If that customer uses machines in production, it may regularly purchase maintenance items that are serialized. Plant Maintenance (PM) is an area of high use of serial numbers because the functionality includes use data for equipment that is most often serialized.

### 3.5.2 Serial Number Profile

The serial number profile is created to define attributes for the serial number. The serial number profile is a four-character alphanumeric field defined in Transaction OIS2. The navigation path is **IMG • Plant Maintenance and Customer Service • Master Data in Plant Maintenance and Customer Service • Technical Objects • Serial Number Management • Define Serial Number Profiles • Serial Number Profile**.

The fields in Figure 3.15 show what is needed for configuring serial number profiles. The first field is the profile (**Profl.**), the four-character field, followed by a profile description (**Profile text**). When the **ExistReq.** field is not set, the user can create the serial number master record during a business transaction. If the indicator is set, the serial number master record must exist before the transaction can take place.

Prof.	Profile text	ExistReq	Cat	Equipment category desc.	StkChk
0001	Serial profile 01	<input type="checkbox"/>	C	Customer equipment	1
0002	Serial profile 02	<input type="checkbox"/>	A	Customer equipment	
0003	Inventory	<input type="checkbox"/>	1	Customer equipment	
1111	Serial no PM	<input type="checkbox"/>	C	Machines	1
AM01	Automotive	<input type="checkbox"/>	C	Customer equipment	1
CHR1	SN Profile	<input type="checkbox"/>	C	Machines	2
COMP	Component Tool	<input type="checkbox"/>	C		
IAD1	A&D:	<input type="checkbox"/>	C	Machines	1
IAD2	A&D: spare parts	<input type="checkbox"/>	C		1
IAD3	A&D: spares	<input type="checkbox"/>	C		1
M001	MM GR or GI	<input type="checkbox"/>	Q	Machines	1

Figure 3.15 Configuration Screen for Serial Number Profiles

The **Cat** field is for the equipment category, a PM item, which defines the type of equipment for which this serial number profile is used. For example, **A** is for machines, and **S** is for customer equipment.

The **StkChk** field is used to indicate whether the system should perform a stock check when the serial number is assigned.

The configuration of the serial number profile should be performed with the aid of a PM consultant, who will ensure that the customer's requirements for PM are taken into account.

### 3.5.3 Serializing Procedures

Serial numbers are used in many different areas of SAP, not just MM. In each of these areas, the procedure of assigning serial numbers can be different. Using the Transaction OIS2, you can define whether a serial number is optional, required, or automatic for a number of serializing procedures.

The navigation path for this transaction is **IMG • Plant Maintenance and Customer Service • Master Data in Plant Maintenance and Customer Service • Technical Objects • Serial Number management • Define Serial Number Profiles • Serializing Procedures**.

In Figure 3.16, the serial number profile 0001 is assigned a number of procedures. For each of these procedures, there are configuration items for serial number usage. The **SerUsage** field can be configured to be

- ▶ 01 - none
- ▶ 02 - optional
- ▶ 03 – obligatory
- ▶ 04 - automatic

The other field, **EqReq**, is to allow serial numbers to be allowed with or without PM equipment.

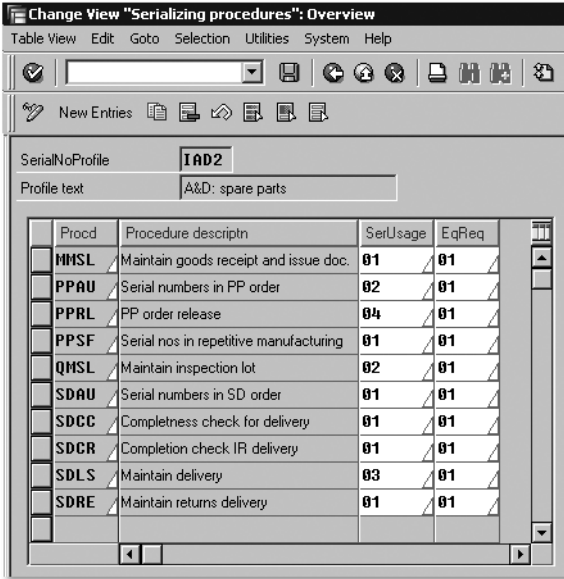


Figure 3.16 Serializing Procedures for Serial Number Profile IAD2

The procedures that can be assigned to each serial number profile are defined in SAP. Table 3.1 identifies the procedure and its business meaning with relation to serial numbers.

Procedure	Business Meaning
HUSL	Enables serial numbers to be assigned in Handling Unit Management
MMSL	Enables serial numbers to be assigned in Goods Receipt, Goods Issue, Stock Transfers, Stock Transport Orders, and Physical Inventory
PPAU	Enables serial numbers to be assigned in Production and Refurbishment orders
PPRL	Enables serial numbers to be assigned in Production and Refurbishment orders when they are released

Table 3.1 Business Procedures and Meanings for Serial Number Profiles



Procedure	Business Meaning
QMSL	Enables serial numbers to be assigned when entering the original value in a QM Inspection Lot
SDAU	Enables serial numbers to be assigned in Sales Orders, Inquiries, and Quotations
SDCC	Enables serial numbers to be assigned when performing completeness checks for deliveries
SDCR	Enables serial numbers to be assigned when performing completeness checks for return deliveries
SDLS	Enables serial numbers to be assigned for deliveries
SDRE	Enables serial numbers to be assigned for return deliveries

**Table 3.1** Business Procedures and Meanings for Serial Number Profiles (Cont.)

### 3.6 Summary

This chapter described the major elements that define the master files of the MM module. Many companies use Batch Management and serial numbers, so it is important to understand how each works. Both batches and serial numbers are important to industries such as aerospace, pharmaceutical, and chemical, where each batch or serial number may have very different characteristics. The information on these files will help you give accurate and pertinent advice to your clients. Batch numbering and serial numbers are concepts that clients sometimes do not readily understand, and the information in this chapter should help you advise clients in these areas.

Chapters 4 and 5 explain the Material Master file in depth and will help you understand the nuances in this feature. Next, Chapter 4 begins with a discussion of the industry sector and then follows with an explanation of the material type, basic data screen, classification, purchasing data, forecasting data, work scheduling data, and sales data.

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