

Master Data Overview

Lesson 3 : Master Data Overview

Lesson Objectives

- After this training module you will be able to:
 - Understand master data and types of master data
 - Understand how to create / change / delete / view Material master data
 - Understand concept & challenges in data migration
 - Understand how to create / change / delete / view Bill of Material
 - Understand how to create / change / delete / view Work center , Routing & Production Version



Training Agenda

- Master data introduction
- Purpose
- Use
- Challenges
- PP Master Data Overview
- Essentials
- Material Master
- Data Structure of Material Master
- Bill of Material
- Work Center
- Routing

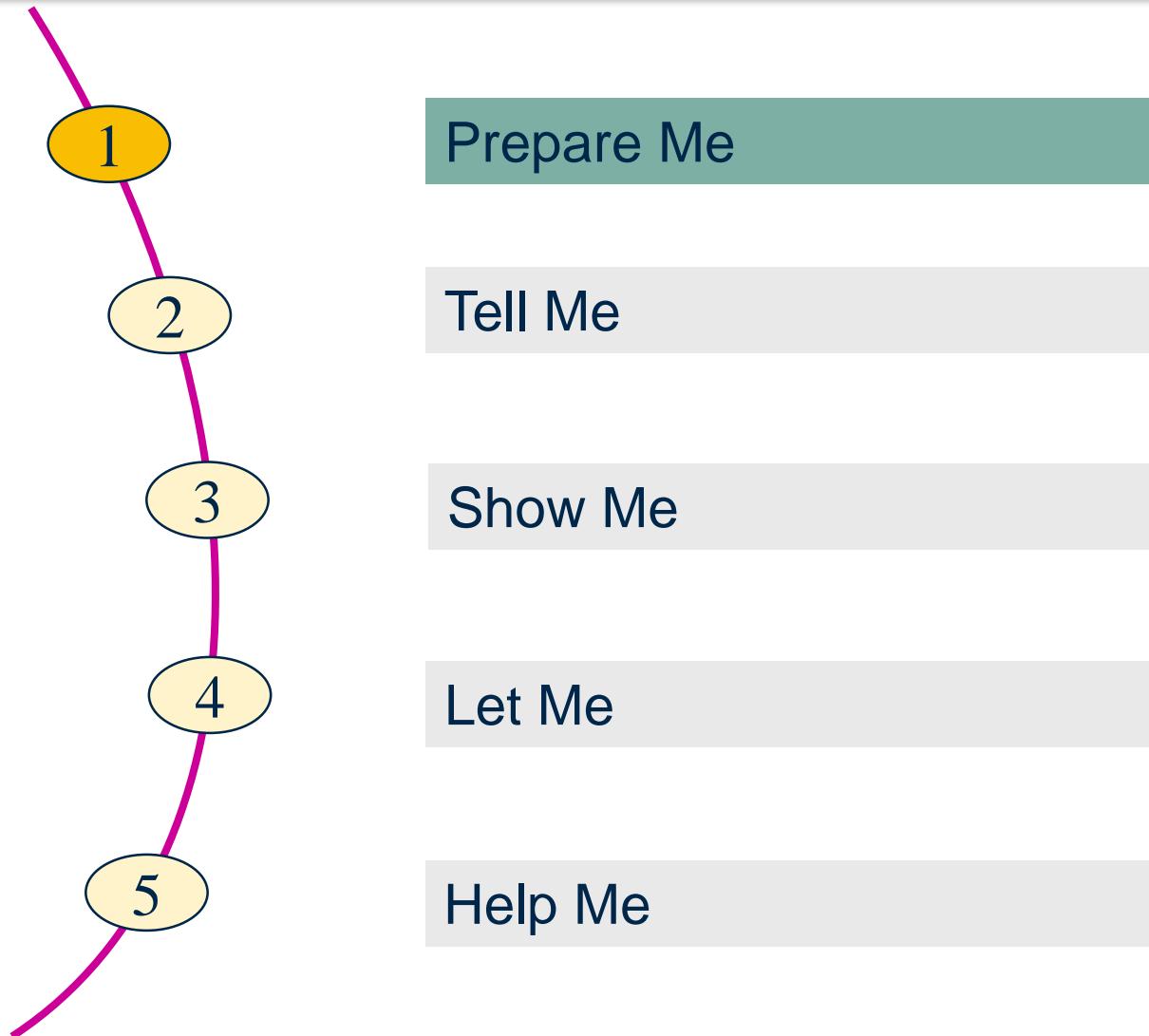


Training Agenda

- Production Version
- Production Resource Tool (PRT)
- References – Table info
- References – T codes



Master date Overview



Prepare Me

- Master data is the group of data which will be reference for any Business records
 - Ex: Production Order is prepared by referring Material Master, Bill of Material, Work Centers and Routings
- Master Data contains the records that remain in the database over an extended period of time
- Master Data is centrally stored (shared across application modules) and processed to eliminate data redundancy
- Master data can be manually created in the SAP
- LSMW/BDC are commonly used tools for uploading mass master data

Purpose

- Master data is reference data for any Business process.
- Master data is shared across application modules in R/3.

Use

- Material Master – This is base for all business process in an Organization
- Bill Of Material - Created in Design Dept. /Sales Dept. and referred in Planning and Shop floor for Good Reservation/issue/Receipt. Also used in product costing
- Work Centers - Scheduling/Capacity evaluation and costing will be done by use of formula defined in resources. Also used in Plant maintenance
- Routing – This is used for Scheduling the production Order
- Production Resource Tool – Production is carried out with the help of this. It is not consumed in the process; for eg. Jigs and Fixtures

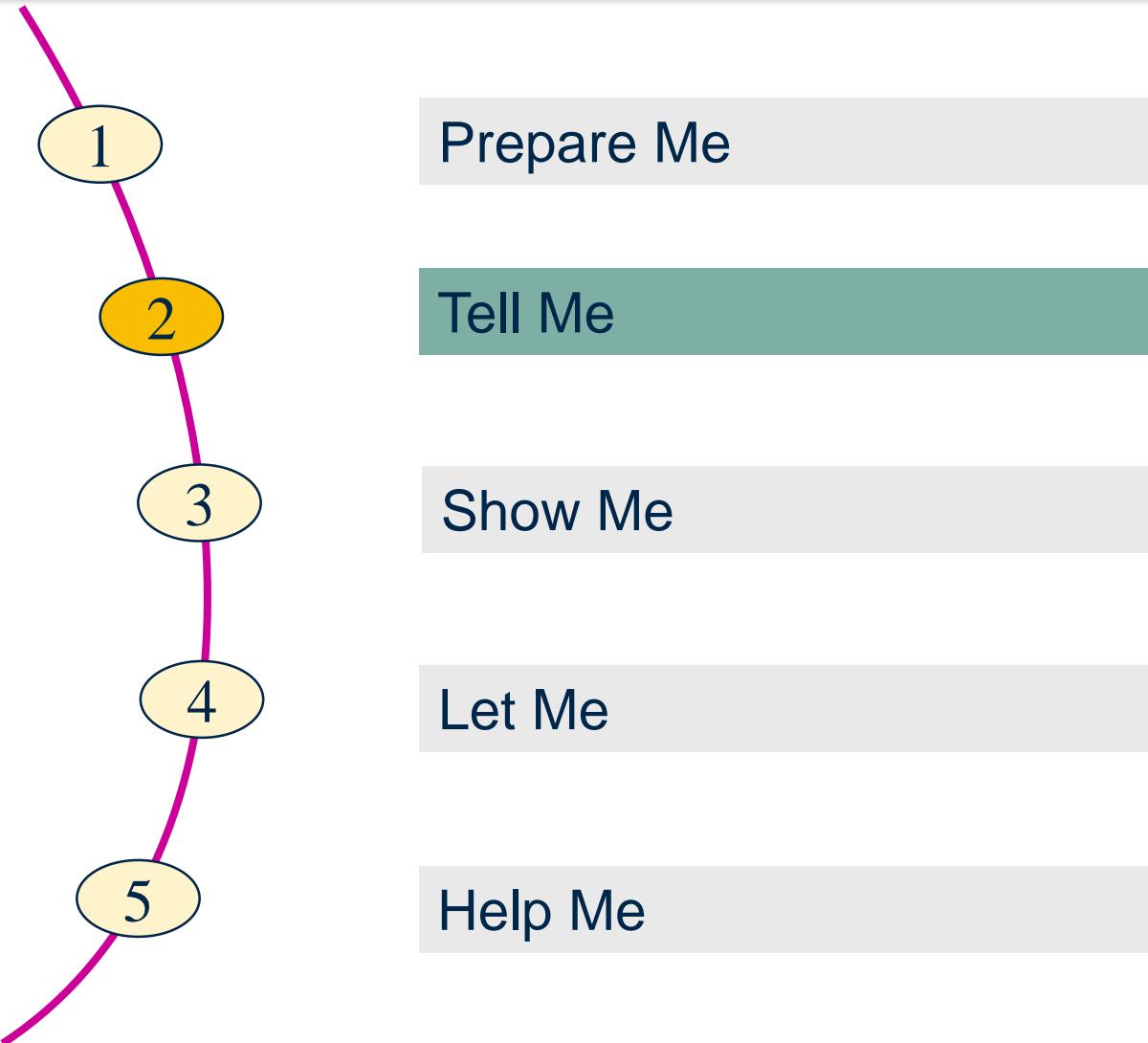
Use

- Production Versions – Production versions are used in Sales and Operations Planning (SOP), material requirements planning (MRP), Production order creation, and product costing to select the most suitable task list/recipe and the corresponding Bill of Material/material list

Challenges

- Master data is the backbone of any system, hence its accuracy is the main criterion for the success of the system
- The number of assignment of master data should be logical and meaningful
- Master data that is obsolete can be archived

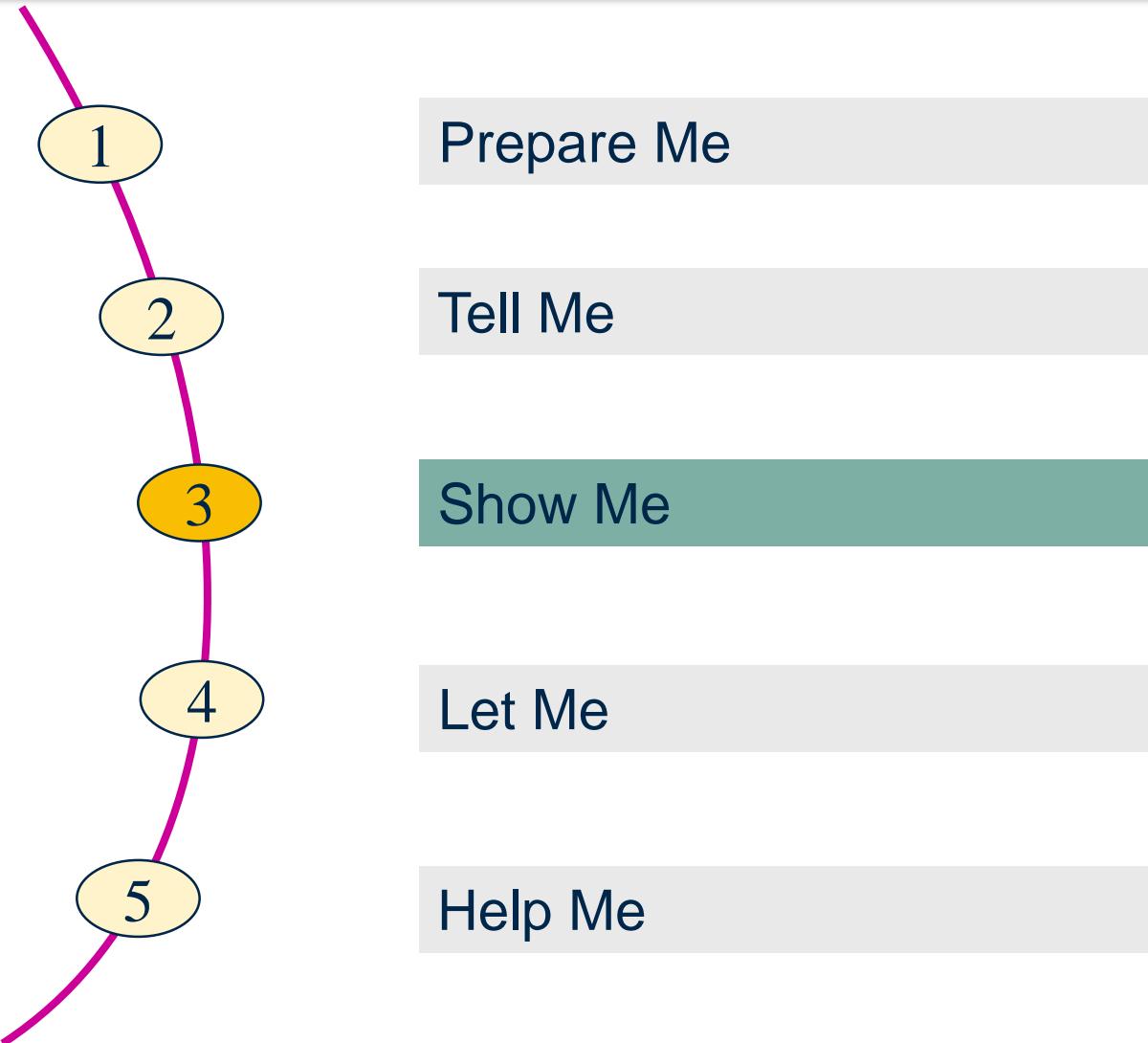
Name of the Functionality



Master data Overview

The next slides shows Process Flow of PP Master data

Master data overview



Essentials

- The followings are to be taken care before creating Master data:
 - Number ranges to be defined for Internal numbers
 - Code should represent the usage
 - Ambiguity to be avoided
 - SAP defined data, should not be deleted or modified directly. If required can be copied and renamed to suit the application

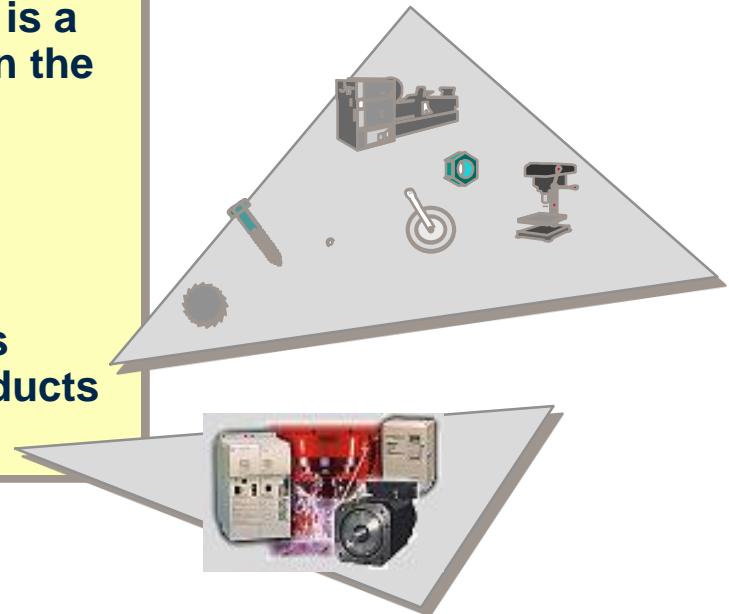
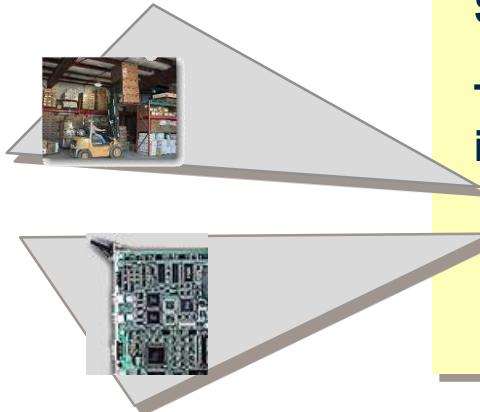
Master data : Material Master

Material Master :

The material master is a central data object in the SAP R/3 System.

The material master includes:

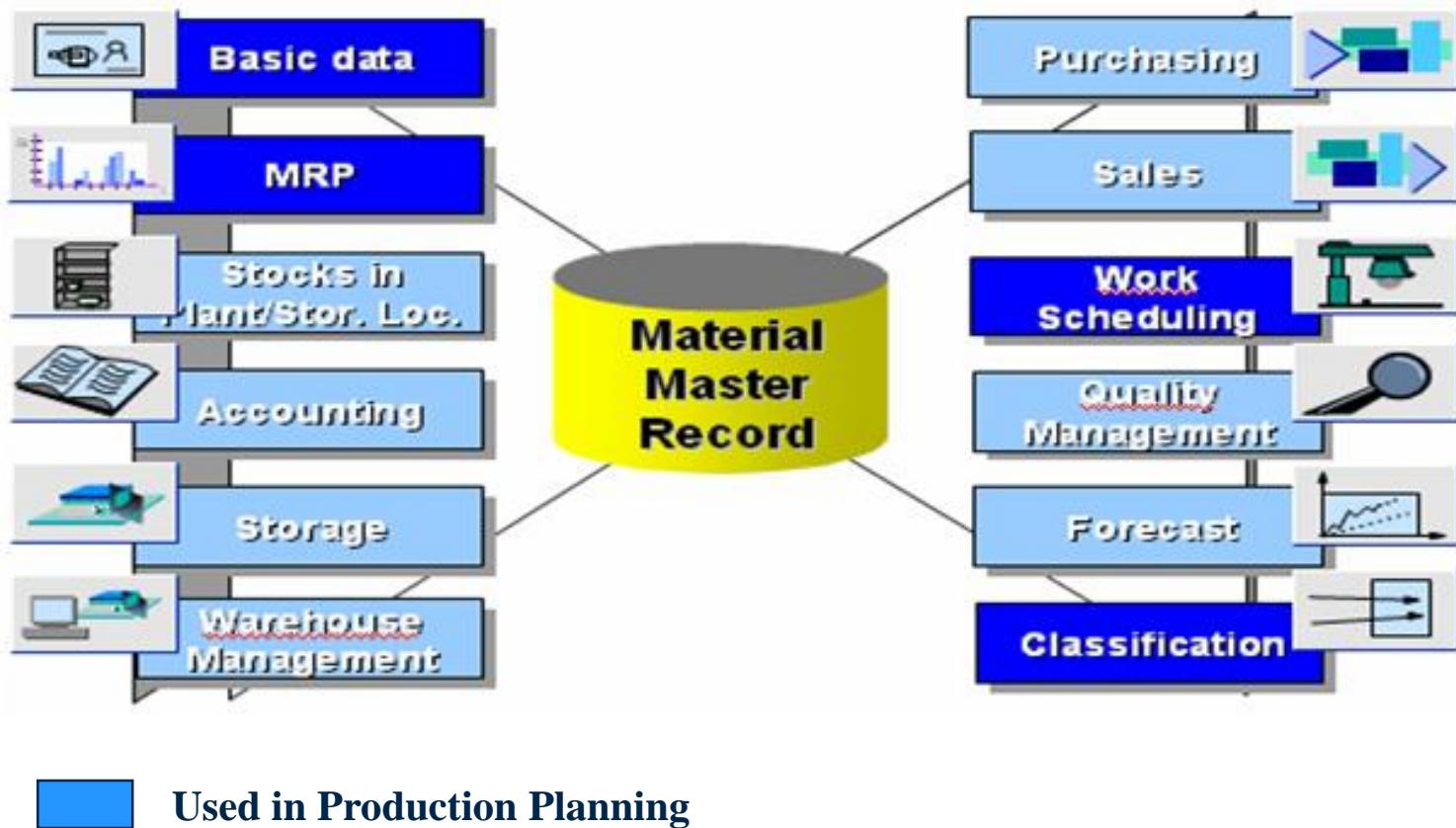
- raw materials
- operating supplies
- semi-finished products
- finished products



- The material master is a central data object in the SAP R/3 System
- All the information required to manage products and equipment is stored in the material master record
- Each user department has its own view of the material master which permits easy access to and maintenance of data

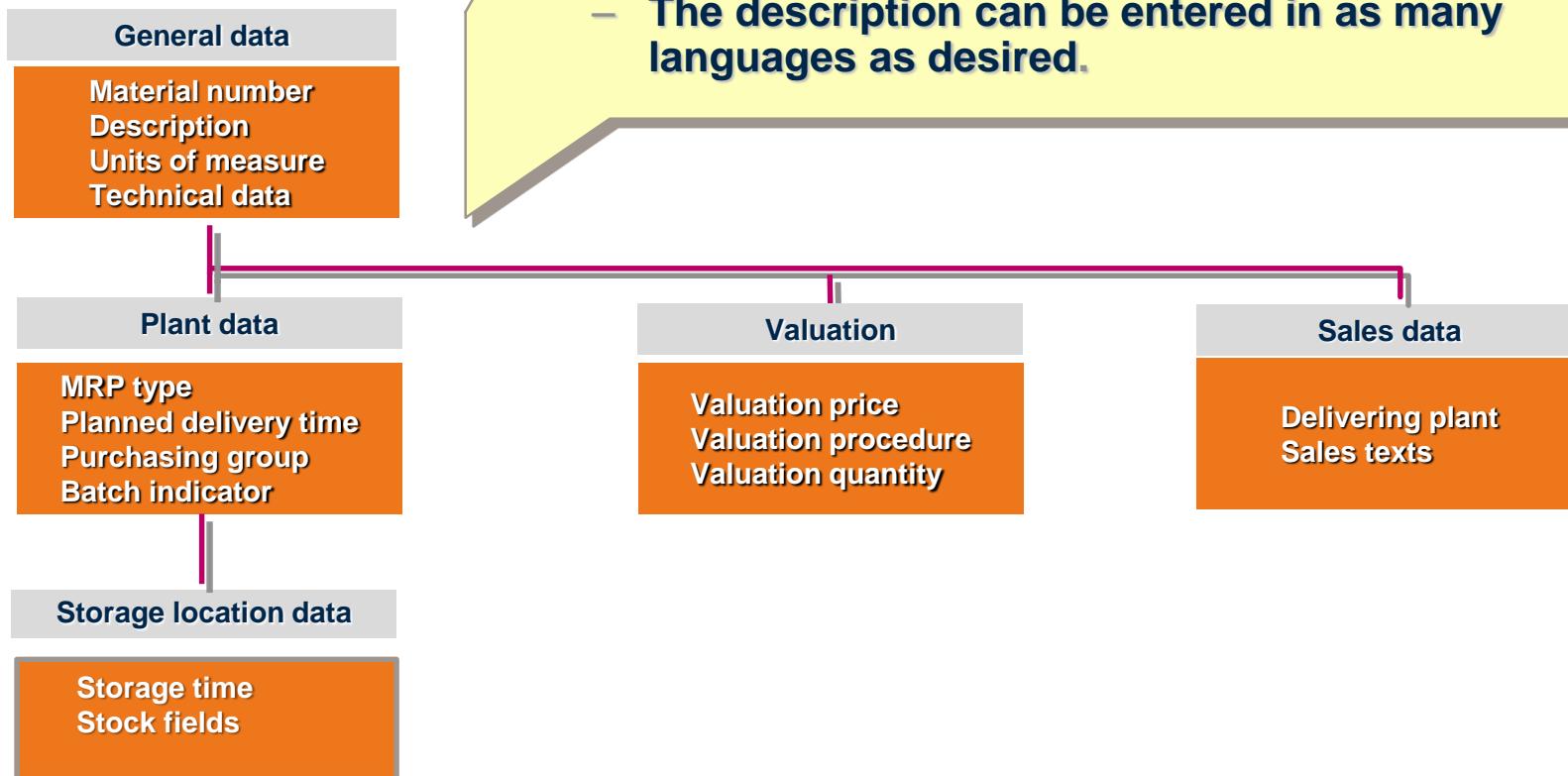
Material Master

The followings are the views in Material Master



Used in Production Planning

Data Structure of Material Master



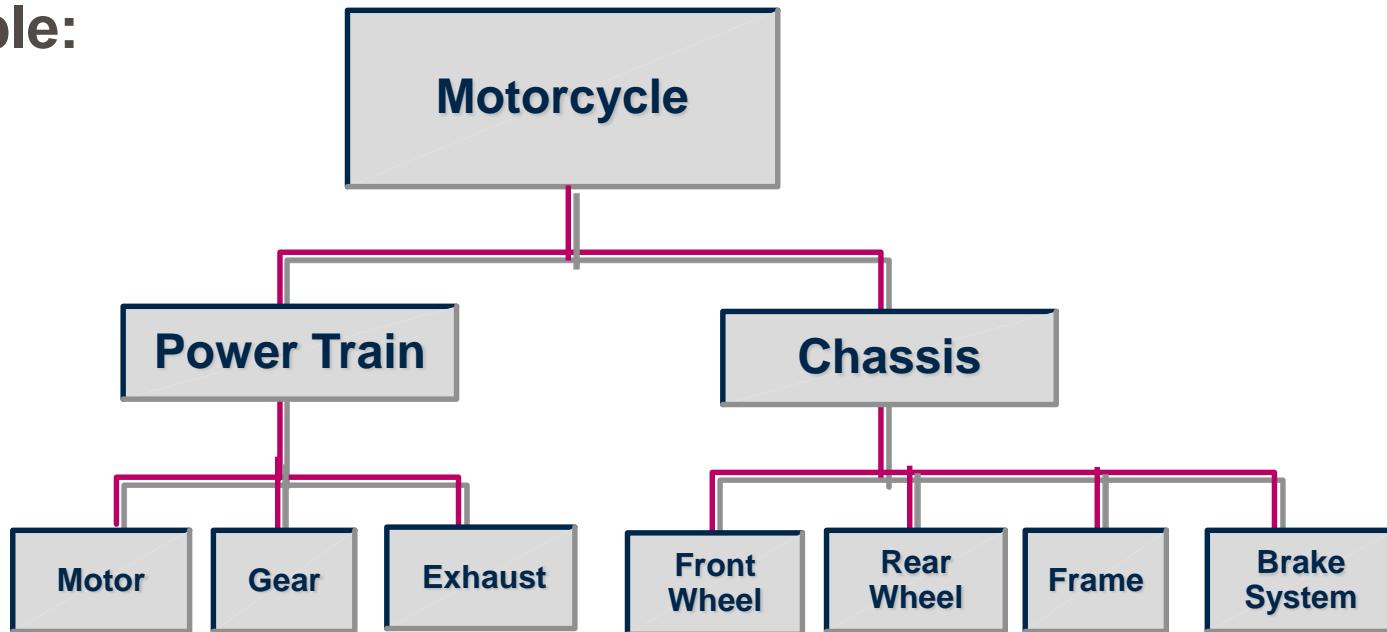
Bill of Material

- A bill of material is a complete, formally structured list of the components that make up a product or assembly
- The list contains a description and object number for each component, together with the quantity and unit of measure
- Depending on the industry sector, they can also be called recipes or lists of ingredients and so on.
- BOM can be created with or without Plant but mentioning the material and BOM usage is mandatory

(Note: Material + Plant + BOM usage = Unique BOM No. In case any of these 3 things changes, BOM No. will change)

Bill of Material

Example:

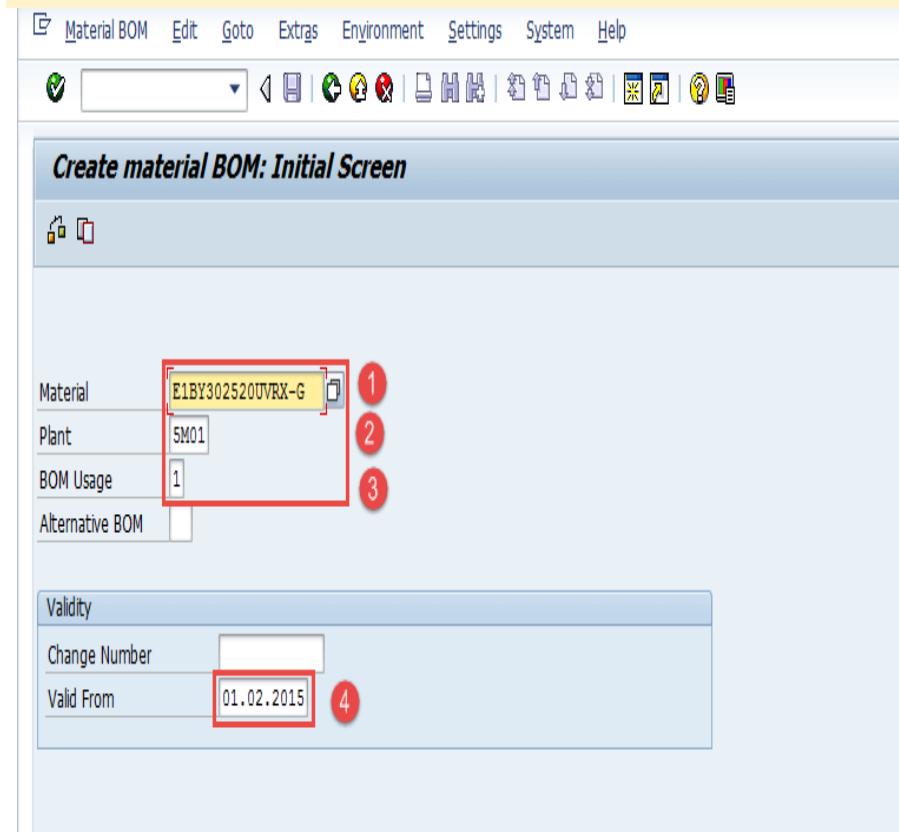


Bill of Material

How to create BOM

- **Step 1)** From SAP Easy access screen open transaction CS01
- Enter parent material for which BOM needs to be created
- Enter Plant Code
- Enter BOM usage = "1" which is used for Creating Production BOM
- Enter the valid from the date which means that BOM would be valid from that date
- After filling in all the fields, click  or press Enter to go to the next screen

OR ON THE SAP EASY ACCESS SCREEN,
Choose Logistics → Production → Master Data → Bills of Material → Bill of Material → Material BOM
→Create (CS01)



Bill of Material

How to create BOM

- Step 2) In Next Screen
- Enter Item Category as "L" which is used for stock item and could be default also
- Enter Component material code in Component Field
- Enter Component quantity as shown below
- Some information such as description and a basic unit measure of the component will be brought out by the system automatically after clicking or pressing enter from the keyboard

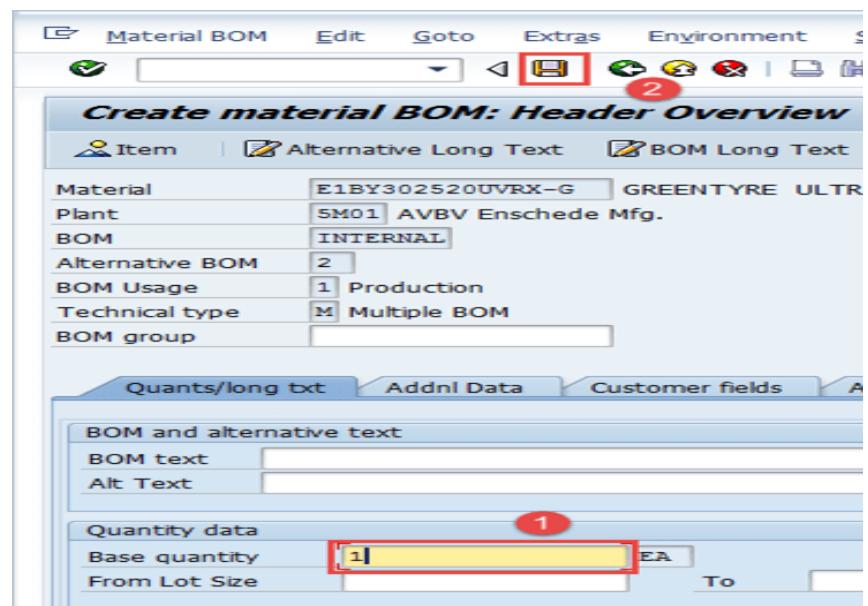
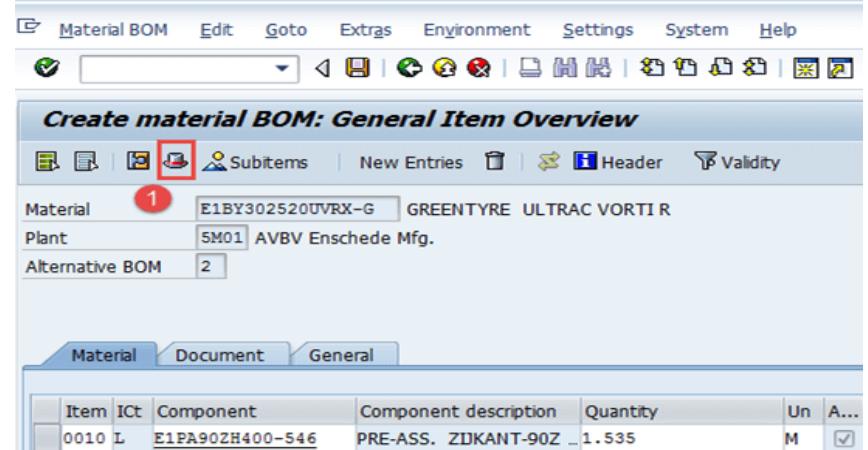
The screenshot shows the SAP Material BOM creation interface. At the top, there's a toolbar with various icons and a menu bar. Below that is a header titled 'Create material BOM: General Item Overview'. Underneath the header, there are fields for 'Material' (E1BY302520UVRX-G), 'Plant' (5M01 AVBV Enschede Mfg.), and 'Alternative BOM' (2). The main area is a table with four columns: 'Item', 'ICt', 'Component', and 'Quantity'. The first row has red boxes around its 'Item' and 'Component' cells, and red numbers 1 and 2 above them. The second row has a red box around its 'Component' cell, and red number 3 above it. The third row has a red box around its 'Quantity' cell, and red number 4 above it. The table contains the following data:

Item	ICt	Component	Component description	Quantity	Un A...
0010	L	E1PA90ZH400-546	PRE-ASS. ZIJKANT-90Z	1.535	M
0020	L	E1ME04-88-0500	PLY RO/GE	1.547	M
0030	L	E1ME04-88-0440	PLY RO/GE	1.557	M
0040	L	E116230S76S	20" HIEL L=7 DR=6 HV...	2	EA
0050	L	E1KE30-30-285GUMY	GORDELMATERIAAL GR...	1.944	M
0060	L	E1KE30-30-275	GORDELMATERIAAL GRO...	1.951	M
0070	L	E1DE04-00-0012	CAPSTRIP 12 mm	91.920	M
0080	L	E1LV448	LOOPVLAK VORTI R TB...	1.966	M

Bill of Material

How to create BOM

- **Step 3)** In this screen,
 - Click on this icon to see the BOM header, the system will then show the BOM header screen in the next step
- **Step 4)** In the BOM header view,
 - Fill the base quantity of parent material. If this is 1 EA (each), then the component quantity will describe how much is needed to produce 1 item
 - Click to save the new BOM after check, the system will show message Creating BOM for material at the lower left corner



Bill of Material

How to change BOM

- Step 1) From SAP Easy access screen open transaction CS02
OR

ON THE SAP EASY ACCESS SCREEN,

- Choose Logistics → Production → Master Data → Bills of Material → Bill of Material → Material BOM → Change (CS02)

How to display BOM

- Step 1) From SAP Easy access screen open transaction CS03
OR

ON THE SAP EASY ACCESS SCREEN,

- Choose Logistics → Production → Master Data → Bills of Material → Bill of Material → Material BOM → Display (CS03)

Bill of Material

How to delete a BOM

You can delete a BOM in the following ways:

- Using the deletion function
- Using the deletion flags
- Deleting the entire BOM
- Deleting individual items

(Note: Deletion at header level removes the entire BOM, whereas deletion at item level removes only the specified item)

Work Center

- Work Center is where an operation or activity for a production is carried out within a Plant.
- Represent anything as general as a geographical location, or as specific as a particular machine within a department in a Plant.
- Operations are carried out at a work center
- Work center can be Machine and machine groups, Entire Production lines, Assembly / Repair work centers, Labor and groups of Labor

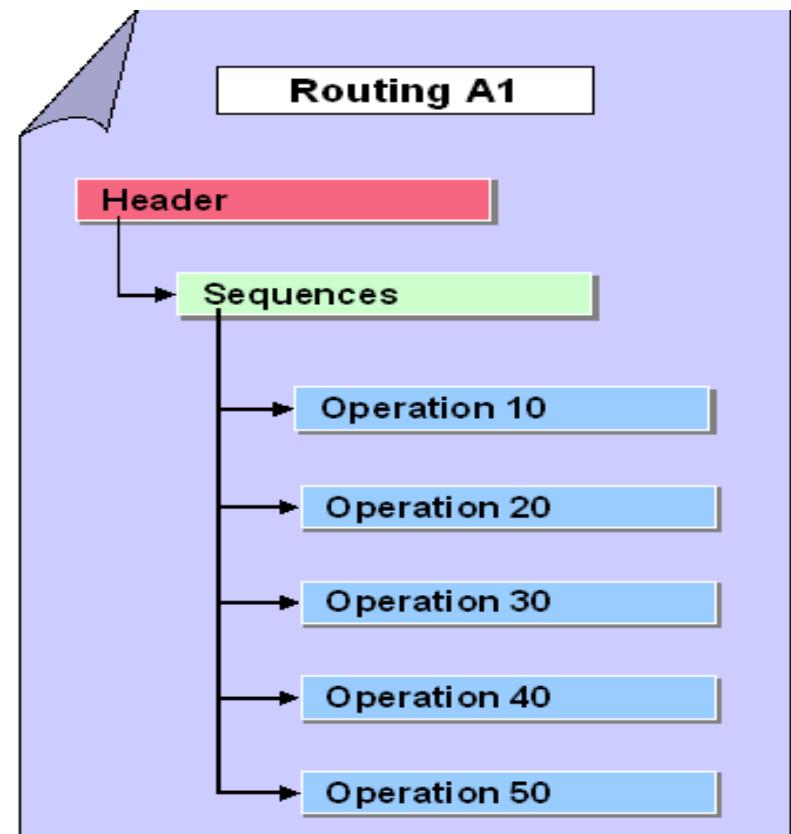
Work Center

Work center is used;

- To calculate the time duration of the operation.
- To calculate the cost of the operation.
- To calculate the capacity requirements

Routing

- Routing describe the sequence of operations required to produce a specific material

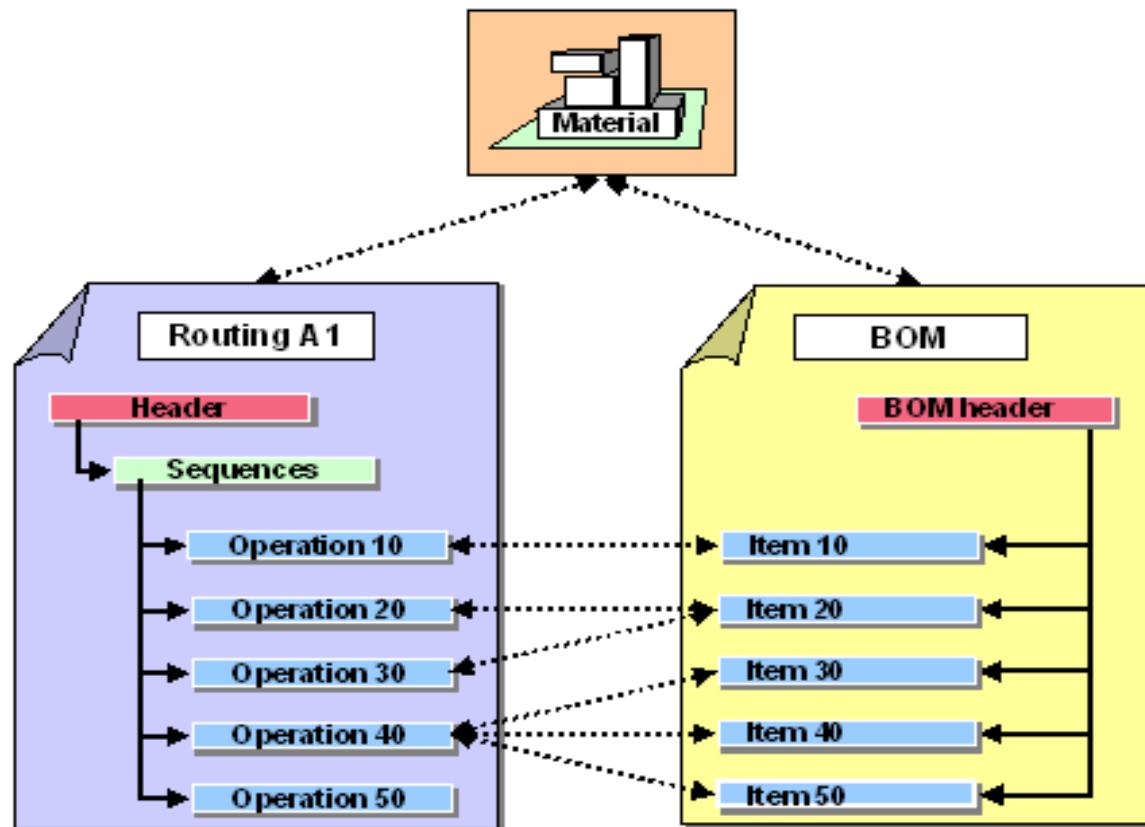


Routing

- Routings have the information about the operations and the order in which they are carried out, a routing also contains details about the work centers at which they are carried out.
- For each operation, the Work centres, component allocation and tools required to produce the material are maintained in the routing

Routing

- Component Allocation to the Operations in the Routing



Production Version

- A production version determines which alternative BOM is used together with which task list/master recipe to produce a material or create a master production schedule
- For one material, we can have several production versions for various validity periods and lot-size ranges
- Production versions are used both in discrete manufacturing and process manufacturing.

Production Resource Tool (PRT)

PRT can be classified as follows.

Material – Any consumable tools, inventory control is necessary.

Equipment – Any tools required Maintenance.

Document – Any Drawings.

PP Master Data Overview



Prepare Me



Tell Me



Show Me



Let Me



Help Me



PP Master data

- Some exclusive master data, used in Discrete Manufacturing Industries are explained in this session.

Note: For Material Master please refer PP1008 - Material Master - PP Master Data

Let Me-PP Master data

- Material Master
 - T code **MM01** to **create**
 - T code **MM02** to **change**
 - T code **MM03** to **display**

Let Me-PP Master data

Select the following views:

- MRP-1
- MRP-2
- MRP-3
- MRP-4
- WORK SCHEDULING

Let Me-PP Master data

Display Material PQR-100 (Finished product)

Additional data Organizational levels

Basic data 2 MRP 1 MRP 2 MRP 3 MRP 4 Work ...

Material	PQR-100	4x6 PQR Panel	H
Plant	3100	Chicago	
General Data			
Base Unit of Measure	KG	Kilogram	MRP group
Purchasing Group		ABC Indicator	
Plant-sp.matl status		Valid from	
MRP procedure			
MRP Type	PD	MRP	
Reorder Point	0	Planning time fence	0
Planning cycle		MRP Controller	001
Lot size data			
Lot size	EX	Lot-for-lot order quantity	
Minimum Lot Size	0	Maximum Lot Size	0
Assembly scrap (%)	0,00	Maximum stock level	0
Rounding Profile		Takt time	0
Unit of Measure Grp		Rounding value	0
MRP areas			
<input type="checkbox"/> MRP area exists		MRP areas	

MRP 1

Here we define
MRP procedure
and Lot size
calculation

Let Me-PP Master data

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling

Material	PQR-100	4x6 PQR Panel	<input type="button" value="i"/>		
Plant	3100	Chicago			
Procurement					
Procurement type	<input type="text" value="E"/>	Batch entry	<input type="text"/>		
Special procurement	<input type="checkbox"/>	Prod. stor. location	<input type="text"/>		
Quota arr. usage	<input type="checkbox"/>	Default supply area	<input type="text"/>		
Backflush	<input type="checkbox"/>	Storage loc. for EP	<input type="text"/>		
JIT delivery sched.	<input type="checkbox"/>	Stock det. grp	<input type="text"/>		
<input checked="" type="checkbox"/> Co-product	<input type="checkbox"/>				
<input type="checkbox"/> Bulk Material	<input type="checkbox"/> Joint production				
Scheduling					
In-house production	<input type="text" value="0"/>	days	Planned Deliv. Time	<input type="text" value="0"/>	days
GR Processing Time	<input type="text" value="0"/>	days	Planning calendar	<input type="text"/>	
SchedMargin key	<input type="text" value="000"/>				
Net requirements calculation					
Safety Stock	<input type="text" value="0"/>	Service level (%)	<input type="text" value="0,0"/>		
Min safety stock	<input type="text" value="0"/>	Coverage profile	<input type="text"/>		
Safety time ind.	<input type="checkbox"/>	Safety time/act.cov.	<input type="text" value="0 days"/>		
STime period profile	<input type="text"/>				

MRP 2

Here we define

1. Procurement– In-house or external procurement or Both for material
2. Scheduling- In-house production time, planned delivery timer processing time and Scheduling Margin Key

Let Me-PP Master data

The screenshot shows the SAP MRP 3 master data entry screen. At the top, there are tabs for MRP 2, MRP 3, MRP 4, Work scheduling, and Accounting 1. The main area displays material details: Material (PQR-100), Plant (3100 Chicago), and Description (4x6 PQR Panel). Below this, the Forecast Requirements section includes fields for Period Indicator (M) and Fiscal Year Variant. The Planning section contains Strategy group, Consumption mode, Fwd consumption per. (0), Planning material, and Planning conv. factor. The Availability check section includes Availability check (02) and Cross-project. The Plant-specific configuration section includes ConfigurableMaterial and checkboxes for Variant and Planning variant, along with buttons for Configure variant and Configure planning variant.

MRP 3

Here we define

1. Forecast requirements
2. Planning- Strategy group for make to stock or make to order strategy
3. Consumption mode
4. Availability check

Let Me-PP Master data

The screenshot shows the SAP MRP 4 master data interface. At the top, there are tabs for MRP 3, MRP 4, Work scheduling, Accounting 1, and Accounting 2. The MRP 4 tab is selected. Below the tabs, the material details are displayed: Material PQR-100, Description 4x6 PQR Panel, Plant 3100, Location Chicago. There are also icons for information and search. The main area contains several configuration sections:

- BOM explosion/dependent requirements:** Selection method (checkbox), Individual/coll. (checkbox), Version Indicator (checkbox checked), ProdVersions button.
- Component scrap (%):** Value 0,00.
- Requirements group:** (checkbox).
- MRP dep.requirements:** (checkbox).
- Discontinued parts:** Discontin. ind. (checkbox), Eff-out (checkbox), Follow-up matl (checkbox).
- Repetitive manufacturing / assembly / deployment strategy:** Repetitive mfg (checkbox), Fair share rule (checkbox), REM profile (checkbox), Push distribution (checkbox), Action control (checkbox), Deployment horizon (0).
- Average plant stock:** (checkbox).
- Material memo:** (checkbox).
- Material memo exists:** (checkbox).

MRP 4

Here we define

- 1.BOM explosion
2. Dependent requirements
3. Discontinued Parts
4. Repetitive manufacturing if required.

Let Me-PP Master data

MRP 4 Work scheduling Accounting 1 Accounting 2 Costing 1

Material PQR-100 4x6 PQR Panel

Plant 3100 Chicago

General Data

Base Unit of Measure	KG	Kilogram	Unit of issue			
Production unit			P-S matl status	<input type="checkbox"/>	Valid from	
Production scheduler			Prod.stor.loc.			
Prod.Sched.Profile		SerLevel	Mat. Grouping			
Serial no. profile			Overall profile			
<input type="checkbox"/> Insp.stock		<input type="checkbox"/> Critical Part	<input checked="" type="checkbox"/> Version Indicator	<input type="checkbox"/> ProdVersions		
		<input type="checkbox"/> Batch rec. req.	<input type="checkbox"/> Batch entry	<input type="checkbox"/> BatchManagement		
OB Management	<input type="checkbox"/>		OB ref. material			

Tolerance data

Underdely tol.	0,0	percent	Overdely tol.	0,0	percent	<input type="checkbox"/> Unlimited
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In-house production time in days

Lot size dependent		Lot size independent	
Setup time	0,00	Interoperation	0,00
Processing time	0,00	Base quantity	0
		InhsseProdTime 0	

Work scheduling

Here we define

- 1.General data for production scheduler, production scheduling profile
- 2.Tolerance data
- 3.In-House production time in days

Let Me-PP Master data

- Bill of Materials
 - T code **CS01** to **create**
 - T code **CS02** to **change**
 - T code **CS03** to **display**

Let Me-PP Master data

The screenshot shows the SAP Material BOM interface. The title bar includes 'Material BOM', 'Edit', 'Goto', 'Extras', 'Environment', 'Settings', 'System', and 'Help'. Below the title bar is a toolbar with various icons. The main header reads 'Display material BOM: General Item Overview'. Underneath are buttons for 'Subitems', 'New Entries', 'Header', and 'Validity'. The top section contains fields for 'Material' (TEST-100), 'Plant' (1000 EnergyPath Plant 1), and 'Alternative BOM' (1). A note indicates 'Last Material master'. The bottom section features tabs for 'Material', 'Document', and 'General', with the 'General' tab selected. The main area is a grid table with columns: Item, Ict, Component, Component description, Quantity, Un, A..., SIs, Valid From, Valid to, Change No., P..., SortStrng, Item ID, Chg No., and T. The data grid contains three rows of test material entries:

Item	Ict	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	SortStrng	Item ID	Chg No.	T
0010	L	TEST-101	Test Material master-Raw..	10	EA	<input type="checkbox"/>	<input type="checkbox"/>	02/02/2015	12/31/9999		<input type="checkbox"/>		00000001		
0020	L	TEST-102	Test Material master-Raw..	15	EA	<input type="checkbox"/>	<input type="checkbox"/>	02/02/2015	12/31/9999		<input type="checkbox"/>		00000002		
0030	L	TEST-103	Test Material master-Raw..	20	EA	<input type="checkbox"/>	<input type="checkbox"/>	02/02/2015	12/31/9999		<input type="checkbox"/>		00000003		

Let Me-PP Master data

- Work Centers
 - T code **CR01** to **create**
 - T code **CR02** to **change**
 - T code **CR03** to **display**

Views are shown in next following slides.

Let Me-PP Master data

Display Work Center: Basic Data

HRMS Hierarchy

Plant	1000	EnergyPath Plant 1
Work center	TEST-WC	Test Work Center

Basic Data Default Values Capacities Scheduling Costing Technology

General Data

Work Center Category	0001	Machine
Person responsible	001	Work center supervisor
Location		
QDR system		
Supply Area		
Usage	001	only routings
<input type="checkbox"/> Backflush		

Standard Value Maintenance

Standard value key SAP1 Normal production

Standard Values Overview

Key Word	Rule for Maint.	K...	Description
Setup	should be en...		
Machine	should be en...		
Labor	should be en...		

Descripts Admin. data Classification Subsystems

Display Work Center: Default Values

HRMS Hierarchy

Plant	1000	EnergyPath Plant 1
Work center	TEST-WC	Test Work Center

Basic Data Default Values Capacities Scheduling Costing Technology

Operation Default Values

Control key	PP01	<input type="checkbox"/> Ref. Ind.	Routing/Ref. op. set - internal pro
Standard text key		<input type="checkbox"/> Ref. Ind.	
Suitability		<input type="checkbox"/> Ref. Ind.	
Setup Type Key		<input type="checkbox"/> Ref. Ind.	
Wage Type		<input type="checkbox"/> Ref. Ind.	
Wage group		<input type="checkbox"/> Ref. Ind.	
No. of Time Tickets	0	<input type="checkbox"/> Ref. Ind.	
No. confirm. slips	0	<input type="checkbox"/> Ref. Ind.	Printer

Units of Measurement of Standard Values

Parameter	S...	Unit Name
Setup		
Machine		
Labor		

Let Me-PP Master data

Display Work Center: Capacity Overview

HRMS Hierarchy

Plant EnergyPath Plant 1
Work center Test Work Center

Basic Data Default Values Capabilities Scheduling Costing Technology

Overview

Capacity category	001	Machine
Pooled capacity	<input type="text"/>	Control Capacity Reduction
Setup formula	SAP005	Prod: Setup rqmts
Processing formula	SAP006	Prod.: Machine rqmts
Teardown formula	SAP007	Prod.: Labor rqmts
Other formula	<input type="text"/>	Formula-Related
Distribution	<input type="text"/>	Formula-Related
Int. dist. key	<input type="text"/>	Formula-Related

Capacity Form. Formula constants ActCapReqmnts

Display Work Center: Scheduling

HRMS Hierarchy

Plant EnergyPath Plant 1
Work center Test Work Center

Basic Data Default Values Capabilities Scheduling Costing Technology

Scheduling basis

Capacity category	001	Machine
Capacity	<input type="text"/>	Capacity

Execution time

Setup formula	<input type="text"/>
Processing formula	<input type="text"/>
Teardown formula	<input type="text"/>
Other formula	<input type="text"/>

Interoperation times

Location group	<input type="text"/>		
Std. queue time	0.000	Min. queue time	0.000

Dimension and unit of measure of work

Work dimension	<input type="text"/>
Work unit	<input type="text"/>

Capacity Form. Formula constants

Let Me-PP Master data

Display Work Center: Cost Center Assignment

HRMS Hierarchy

Plant: 1000 EnergyPath Plant 1
Work center: TEST-WC Test Work Center

Basic Data Default Values Capacities Scheduling Costing Technology

Validity
Start date: 02/02/2015 End Date: 12/31/9999

Link to cost center/activity types
Controlling Area: 1000 Controlling Area 1000
Cost Center: 2201 Manufacturing - 3

Activities Overview

Alt. activity descr.	Activity Type	Activity Unit	R...	Form...	Formula description
Setup	3	HR	<input type="checkbox"/>	SAP005	Prod: Setup rqmts
Machine			<input type="checkbox"/>	SAP006	Prod.: Machine rqmts
Labor			<input type="checkbox"/>	SAP007	Prod.: Labor rqmts
			<input type="checkbox"/>		
			<input type="checkbox"/>		
			<input type="checkbox"/>		
			<input type="checkbox"/>		

ActType Int.Proc.

Link to business process
Business Process:
Incentive wages ind. Record Type Group: 0

Form. Formula Formula constnts Validities

Let Me-PP Master data

- Routings
 - T code **CA01** to **create**
 - T code **CA02** to **change**
 - T code **CA03** to **display**



Views are shown in next following slides.

Let Me-PP Master data

Routing Edit Goto Details Extras Environment System Help

Display Routing: Header Details

◀ ▶ Routings MatAssignment Sequences Operations CompAlloc

Material TEST-100 Test Material master

Task list

Group	50000042
Group Counter	1
Plant	1000
Test Material master	
<input type="checkbox"/> Long text exists	

Production line

Line hierarchy

General data

<input type="checkbox"/> Deletion flag			
Usage	1	Production	
Status	4	Released (general)	
Planner group			
Planning work center			
CAPP order			
From Lot Size	1	To lot size	99,999,999
Old task list no.			

Parameters for dynamic modification/inspection points

Insp. Points	
Partial-lot assign.	Partial lot assignment according to plant default...
Sample-drawing proc.	
Dynamic mod. level	
Modification rule	

Dynamic modification criteria

<input checked="" type="checkbox"/> Material	<input type="checkbox"/> Vendor
<input type="checkbox"/> Customer	<input type="checkbox"/> Manufacturer

Let Me-PP Master data

The screenshot shows the SAP Me-PP software interface. The top menu bar includes Routing, Edit, Goto, Details, Extras, Environment, System, and Help. Below the menu is a toolbar with various icons. The main title is "Display Routing: Operation Overview". Below the title, there are navigation links: Work center, CompAlloc, Sequences, PRT, Inspection Characteristics, and a search icon. The material number is TEST-100, and it is identified as a Test Material master under Grp.Count1. The sequence number is 0. The "Operation Overv." section displays a table with the following data:

Op...	SOp	Work c...	Plnt	Co...	Standar...	Description	L...	P...	Cl...	O...	P...	C...	S...	Base Quantity	U...	Setup	U...	Activi...	Ma...
0010	TEST-NC	1000	PP01			Assembling								1	EA	1.0	HR	3	2.0

Let Me-PP Master data

- Production Version
- T code **C223 - Production Versions**

Views are shown in next following slides.



Let Me-PP Master data

Production Version: Mass Processing

Selection Conditions

Plant	1000	EnergyPath Plant 1	
Material	TEST-100		
MRP Controller	<input type="checkbox"/>	Detailed plng	▼
Key date	02/02/2015	Rate-based plng	▼
Production line	TEST-WC	Rough-Cut Plng	▼

Production versions

Plant	Material	Pr...	Text	Lock	M.	P.	C.	T...	Check date	Valid from	Valid to	From lot size	To lot size	U...	Alt...	B...	Ap...	Detailed...
1000	TEST-100	0001	test	Not ...	<input type="checkbox"/>	00	00	02/02/2015	02/02/2015	12/31/9999		1.000	1,000.000 EA	1	1		50000042	
1000				Not ...														

Let Me-PP Master data

Maintain Production Version: Detail Screen

Plant	1000	EnergyPath Plant 1
Material	TEST-100	Test Material master
Production Version	0001	test
<input type="button" value="Check"/> Check 02/02/2015		
Production Version		
Lock	Not locked	Assigned Change No.
From lot size	1.000	To lot size 1,000.000 EA
Valid from	02/02/2015	Valid to 12/31/9999
Task lists		
Detailed planning	Task List Type Routing	Group 50000042
Rate-based planning		Group Counter 1
Rough-Cut Planning		
Bill of Material		
Alternative BOM	1	BOM Usage 1
Apportionment Struct		OK
Repetitive Manufacturing		
<input type="checkbox"/> REM allowed	Production line	Planning ID
Other Data		
Other header mat.		Issue stor. location
Distribution Key		Receiv. location
OB Reference Materl		Default supply area

PP Master Data Overview



References

Next slides shows some important tables for Master data.

References – Table info

Material master is distributed in following tables

MARA – General material Data.

MARC – Purchasing data.

MARD – storage Location data.

MBEW – Valuation.

MAST – BOM Link.

MARM – Unit of Measurement.

MAKT – Basic Data.

MAPL – Routing Link.

References – Table info

Bill Of Material is distributed in following tables.

STKO – BOM Header data.

STPO – BOM Details (item)

References – Table info

Work Center is distributed in following tables

CRCA – Capacity allocation.

CRCO – Costing data.

CRHD – Header data.

CRHH – Hierarchy data.

CRHS – Hierarchy structure.

KAKO – Capacity header data.

KAKT – Capacity description.

KAPA – shift parameter of available capacity data.

KAPE – capacity measuring data.

KAZY – Interval of available Capacity data.

References – Table info

Routing is distributed in following tables

PLKO – Group Header Data.

PLFL - Sequence data.

PLPO – Group operation.

PLAS – Task list- Selection of Operation\activity.

PLKZ – Task list header data.

PLMZ – Allocation of BOM.

PLFH – Task list - PRT

References – T Codes

- MM01/MM02/MM03 – Create/Change/Display of Material Master.
- CS01/CS02/CS03 - Create/Change/Display of Bill of Materials.
- CR01/CR02/CR03 - Create/Change/Display of Resource.
- CA01/CA02/CA03 - Create/Change/Display of Recipe.
- C223 - Maintenance of Production Versions.

Review Question

- Which of the following are ways of deleting a BOM?
 - Delete the entire BOM
 - Delete a BOM item
 - Set the deletion indicator
 - Delete with a change number
 - Archive the BOM
- A material BOM can have many different usages for specific departments within a company
 - True
 - False





THANK YOU