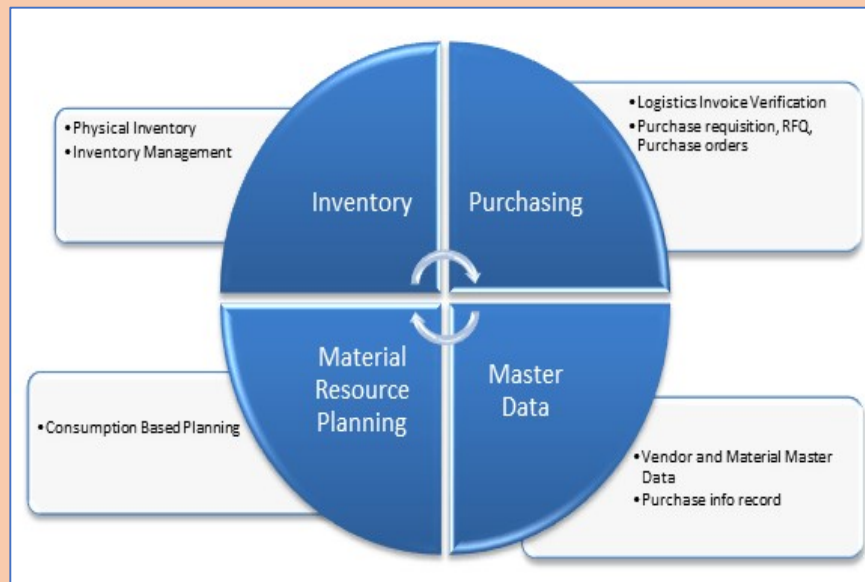


# FIT5101 Enterprise Systems

## Lecture 04



- ❖ Materials Management (Store)
- ❖ Inventory
- ❖ Procurement (Buy)

Lecturer: Stephen Paull  
[stephen.paull@monash.edu](mailto:stephen.paull@monash.edu)

# Unit Topics (Subject to change)

Week	Date (W/C)	Lecture	Tutorial	Assessment
1	1/3	Introduction	Introduction	
2	8/3	Business Functions & Processes	Business Functions	
3	15/3	ERP Structures	SAP Introduction	Ass 1 Rel
4	22/3	Materials Management & Procurement	Materials Management	S A P
5	29/3	Sales & Distribution	Procurement	
	5/4	BREAK		
6	12/4	Production Planning	Sales & Distribution	W O R K S H O P S
7	19/4	Financials	Production Planning	
8	26/4	Process Integration & Modelling	Financials	
9	3/5	ERP Implementation	Process Modelling	
10	10/5	Current Technologies	Work on Assignment	
11	17/5	Future Trends	Sample eExam / Review	Ass 2 Due
12	24/5	Review	??	

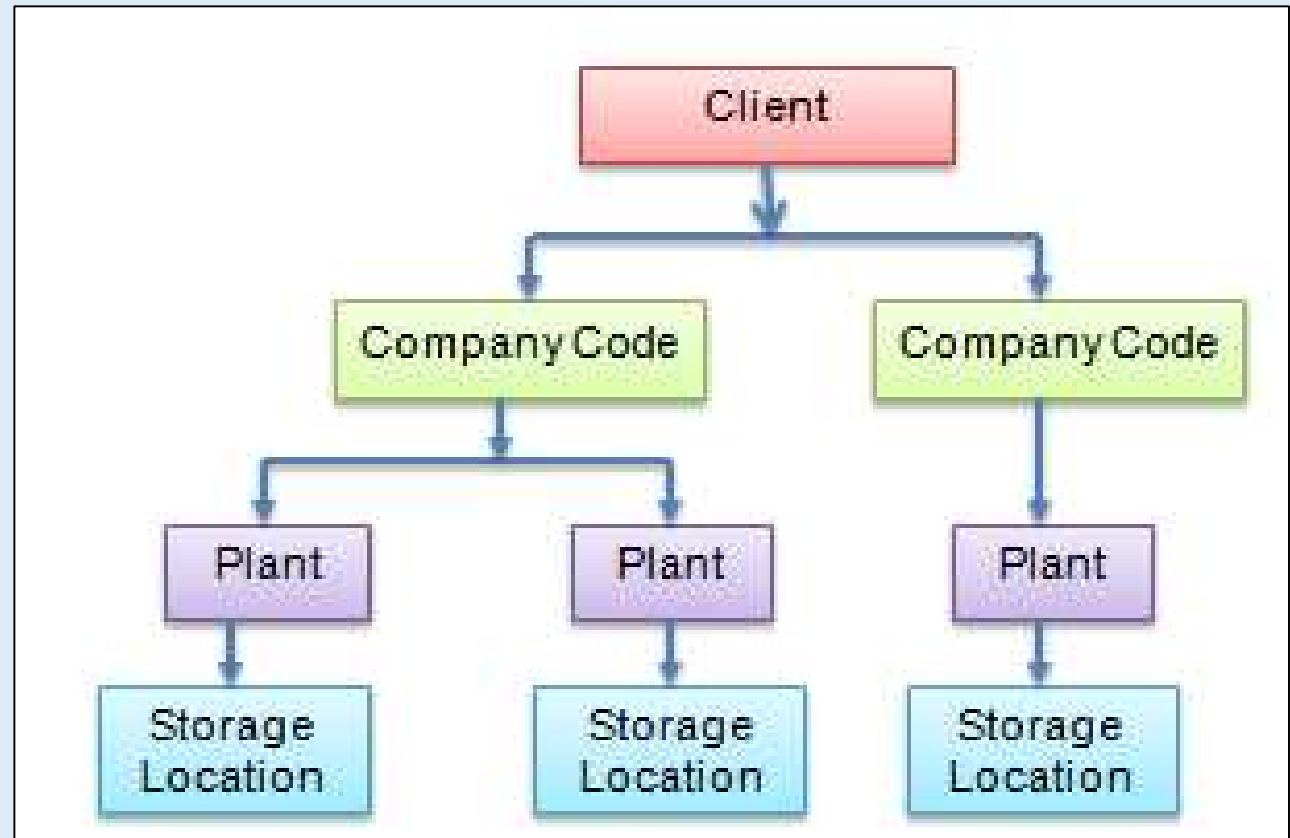
# Organisational Units used in Materials Management

Client –  
Highest element.

Company Code –  
Needed for the  
balance sheet  
Financial accounting.

Plant –  
Central org. unit  
where a product is  
manufactured or  
distributed.

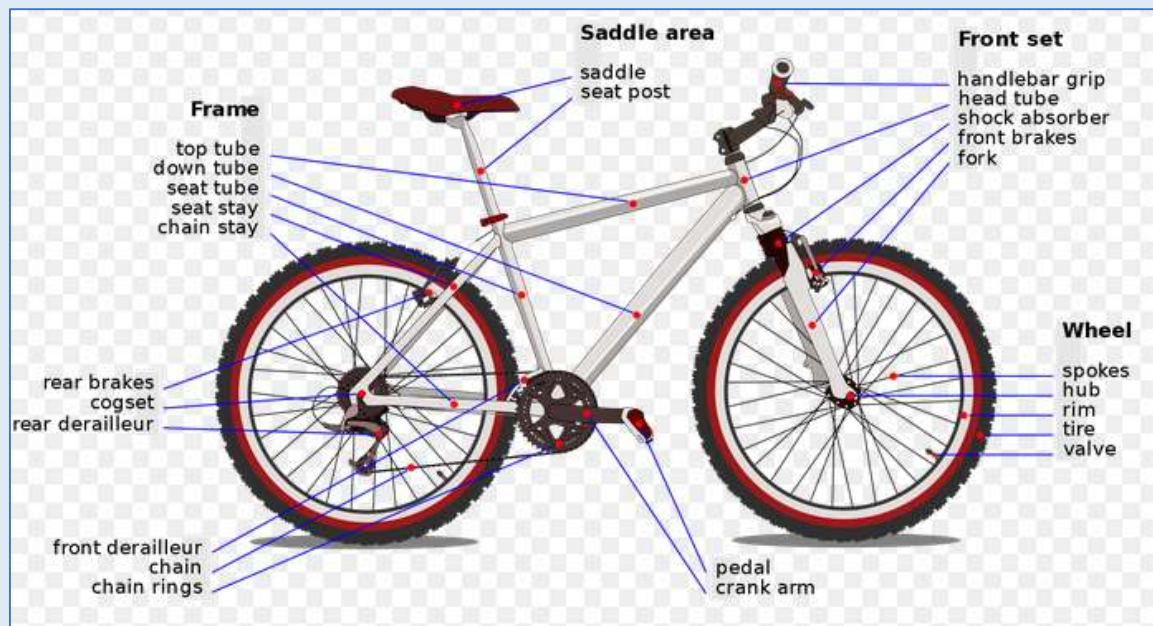
Storage Location –  
Stock is located in different  
parts of the plant – general  
area in the plant where  
materials are stored.



# Materials Management Master Data

Master data used in Materials Management and Production Planning includes:

- Material Master
- Bill of Material (BOM)
- Work Centre
- Routings
- Cost Centers
- Vendors



# Material Master Example : Mongoose Mountain Bike

Material Master is the most important central data object in a manufacturing system. It is used to store information on :

- Raw materials
- Semi-finished products
- Finished products
- Tools spare parts etc.

**You will be creating a material master for the Mongoose Mountain Bike**

## Material List

Item Code	Material Description	Material Type
ORWA1###	Wheel Assembly	Semi-Finished Product
OFFR1###	Frame	Semi-Finished Product
DGAM1###	Gear Assembly	Semi Finished Product
ORTR1###	Tire	Raw Material
ORTB1###	Tube	Raw Material
ORWH1###	Aluminium Wheel	Raw Material
HXNT1###	Hex Nut	Raw Material
LWSH1###	Lock Washer	Raw Material
BOLT1###	Socket Head Bolt	Raw Material



# Material Master - Material Types



Materials purchased from external suppliers – metal, bolts, etc

## 1. Raw materials

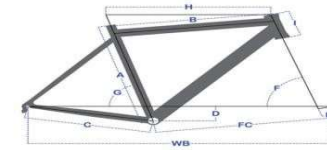


## 2. Operating supplies



## Examples of material types

1. raw materials
2. operating supplies
3. semi-finished products
4. finished products



EPOCA SERIES											
SIZE	A	B	C	D	E	F	G	H	I	FC	WB
460	460	503	408	76	45	72.1	75.1	51.7	102	575	970
480	480	503	408	76	45	72.1	75.1	51.7	102	575	970
500	500	504	408	76	45	72.1	75.1	51.7	113	575	970
520	520	517	409	76	45	72.8	74.7	529	130	578	974
540	540	527	409	74	45	73	74.2	538	140	580	978

## 3. Semi-finished products

Components assembled from raw materials – electric motor



## 4. Finished products

The finished product that is sold to the customer



# Material Master : Views



Each user department has its own view of a material master record. For example, data that relates to the accounting department is stored in the accounting view and data that relates to material planning is stored in the MRP view.

# Material Master : Views

Select view(s) ✕

- ☐ View
- ☐ Basic Data 1
- ☐ Basic Data 2
- ☐ Sales: Sales Org. Data 1
- ☐ Sales: Sales Org. Data 2
- ☐ Sales: General/Plant Data
- ☐ Foreign Trade: Export Data
- ☐ Sales Text
- ☐ MRP 1
- ☐ MRP 2
- ☐ MRP 3
- ☐ MRP 4
- ☐ Advanced Planning
- ☐ Forecasting
- ☐ Work Scheduling
- ☐ General Plant Data / Storage 1
- ☐ General Plant Data / Storage 2
- ☐ Warehouse Management 1
- ☐ Warehouse Management 2
- ☐ Quality Management
- ☐ Accounting 1
- ☐ Accounting 2
- ☐ Costing 1

☐ View selection only on request

☐ Create views selected

✓ Org. Levels Data Default Setting ✕

Different Views

Create Material ORMG1000 (Finished Product)

Other Material Additional Data Org. Levels Check Screen Data Lock material More ⌵ ⌵ Exit

Basic data 1 Basic data 2 Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Foreign trade export Sales text MRP 1 MRP 2 MRP 3 MRP 4 > ...

Material: ORMG1000

\* Descr.:

General Data

\* Base Unit of Measure:  Material Group:

Old material number:  Ext. Mat. Group:

Division:  Lab/Office:

Product allocation:  Prod.hierarchy:

X-plant matl status:  Valid from:

Assign effect, val:  GenItemCatGroup: NORM Standard item

Material authorization group

Authorization Group:

Dimensions/EANs

Gross weight:  \* Weight unit: KG

Net weight:

Volume:  Volume unit:

Size/dimensions:

EAN/UPC:  EAN category:

Save



# Material Master

Data held in the material master includes:

- Material code AABC45000
- Description Bicycle Frame
- Units of measure Kg
- Material group Bike
- Weight etc. 22 Kg
- Standard price \$980
- Lot size 100

# Master Data : BOM

- The Bill of Material is a *structured* list of the components which make up the product or assembly.
- The list contains the *material code* of each component as well as the *quantity per* and *unit of measure*.

Display material BOM: General Item Overview

Select All Deselect All Item Header Subitems Header Details Validity More ▾ Exit

Material:

Off Road Aluminum Wheel Assembly

Plant:  Plant Dallas

Alternative BOM:

Material Document General

<input type="checkbox"/>	Item	ICt	Component	Component description	Function ID	Quantity	Un	OD	Asm	Sls	Valid From	Valid to	Change No.	
<input type="checkbox"/>	0010	L	<a href="#">ORTR1000</a>	Off Road Tire		2	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>	0020	L	<a href="#">ORTB1000</a>	Off Road Tube		2	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>	0030	L	<a href="#">ORWH1000</a>	Off Road Aluminum Wheel		2	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>	0040	L	<a href="#">HXNT1000</a>	Hex Nut 5 mm		2	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>	0050	L	<a href="#">LWSH1000</a>	Lock Washer 5 mm		4	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>	0060	L	<a href="#">BOLT1000</a>	Socket Head Bolt 5x20mm		2	EA		<input type="checkbox"/>	<input type="checkbox"/>	01.01.2010	31.12.9999		
<input type="checkbox"/>														

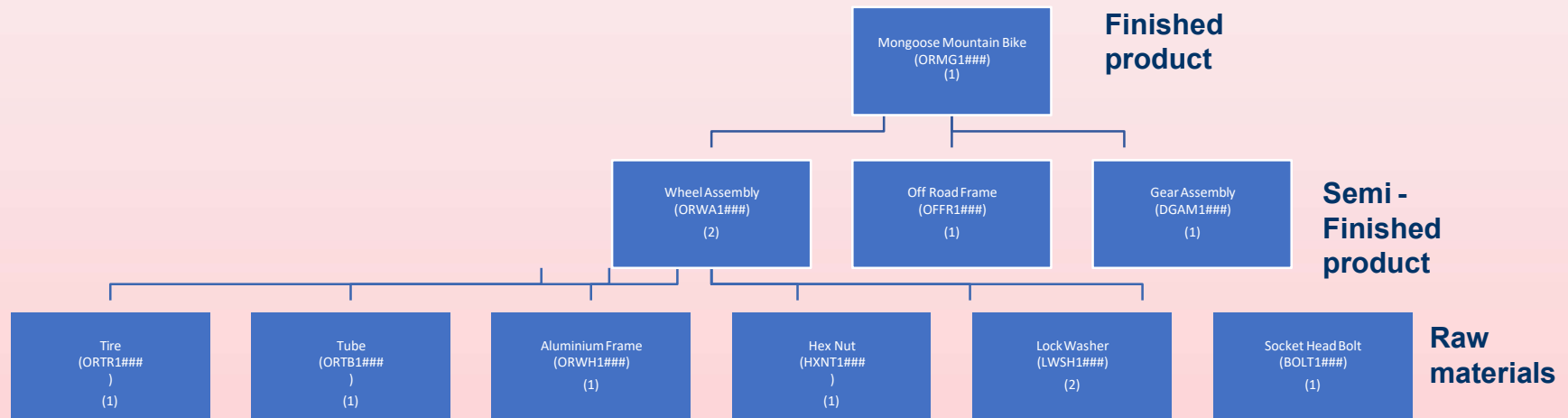
## BOM (also referred to as a Kit)

- BOM contains the assemblies or components/sub assemblies that are included in the production of a product (material)
- BOMs are used in MRP\*, production, and procurement and for product costing
- May include documents to aid in developing the finished product

\*Note: MRP (Material Requirements Planning) is covered in more detail in Week 6

# Exploded BOM

## Mongoose Mountain Bike

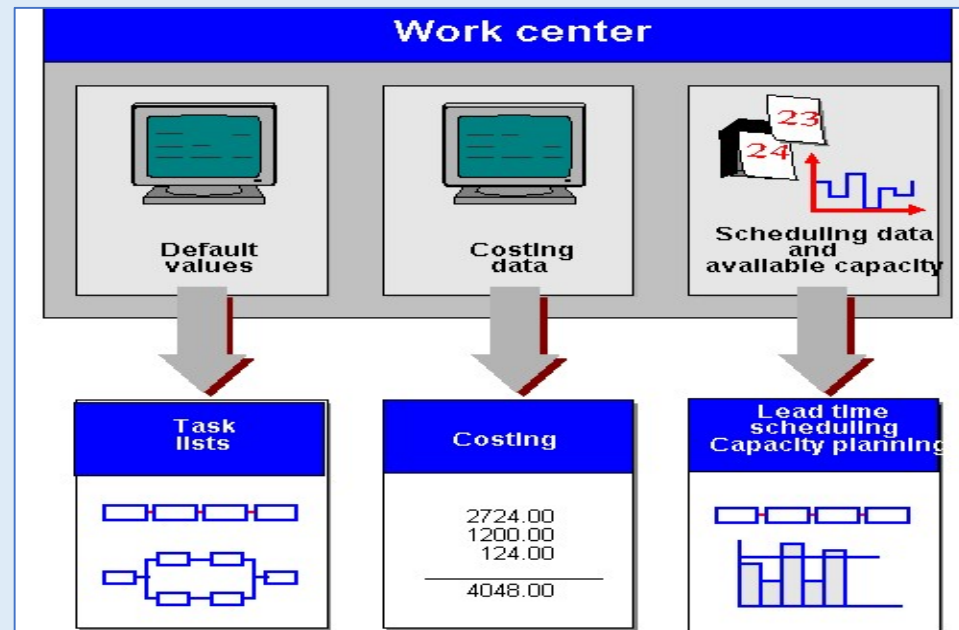


A bill of materials **explosion** displays an assembly at the highest level broken down into its individual components and parts at the lowest level.

# Master Data : Work Centres

- A work centre is where an operation or activity is carried out within a production plant.
  - Eg: lathe, testing station, drilling machine
- The work centre may be a single machine, a group of machines, or an area where a particular type of work is done.
- Work centres can be structured hierarchically.
- Work centre data may include :
  - W/c name and description
  - Department
  - Capacity
  - No. of operators
  - Availability

**Work Centre data is used in scheduling, capacity planning and product costing.**



# Routings with Work Centres

A routing contains the steps necessary to convert raw materials into components during production.

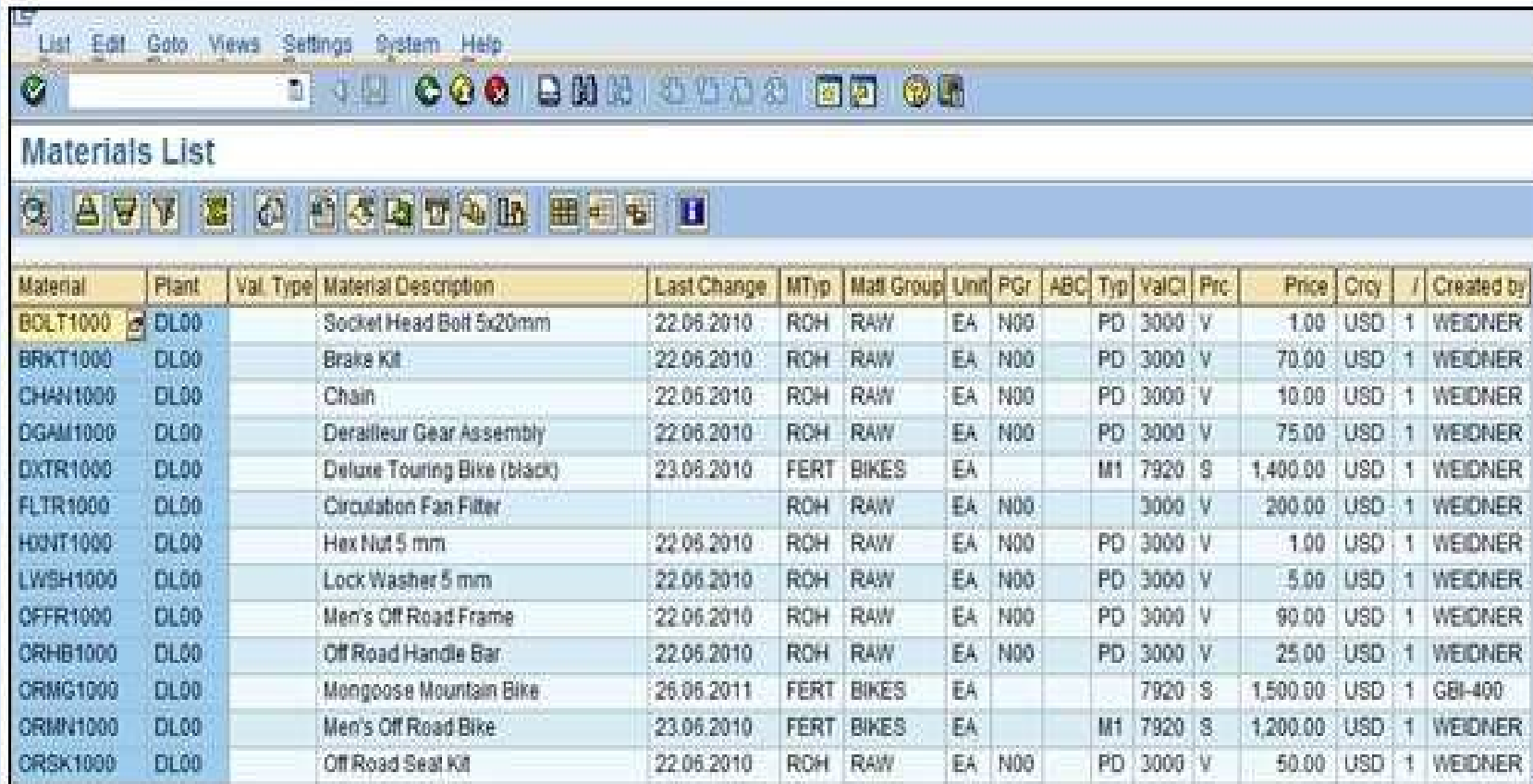
This includes the operations, their sequence and the work centres that will do the work.

Operation	Work Center	Control	Description
0010	WC1-###	PP01	Assemble Raw Materials
0020	WC2-###	PP01	Final Assembly
0030	WC3-###	PP01	Paint
0040	WC4-###	PP01	Final Test

Display Routing: Operation Overview																			
Previous header Next header Select all Deselect all Check Long text Work center Allocation Sequences PRT XSteps Inspection Characteristics More v Exit																			
Material: ORMG1000 Mongoose Mountain BGrp.Count1																			
Sequence: 0																			
Operation Overview																			
<input type="checkbox"/>	Op...	SOp	Work ce...	Plant	Co...	Standar...	Description	Lo...	PRT	Cl...	O...	P...	C...	S...	Base Quantity	U...	Setup	Unit	Activit...
<input type="checkbox"/>	0010		WC1-000	DL00	PP01		Assemble Raw Materials								1	EA	0.000		LABOR
<input type="checkbox"/>	0020		WC2-000	DL00	PP01		Final Assembly								1	EA	0.000		
<input type="checkbox"/>	0030		WC3-000	DL00	PP01		Paint								1	EA	0.000		
<input type="checkbox"/>	0040		WC4-000	DL00	PP01		Final Test								1	EA	0.000		



# Report: Materials list

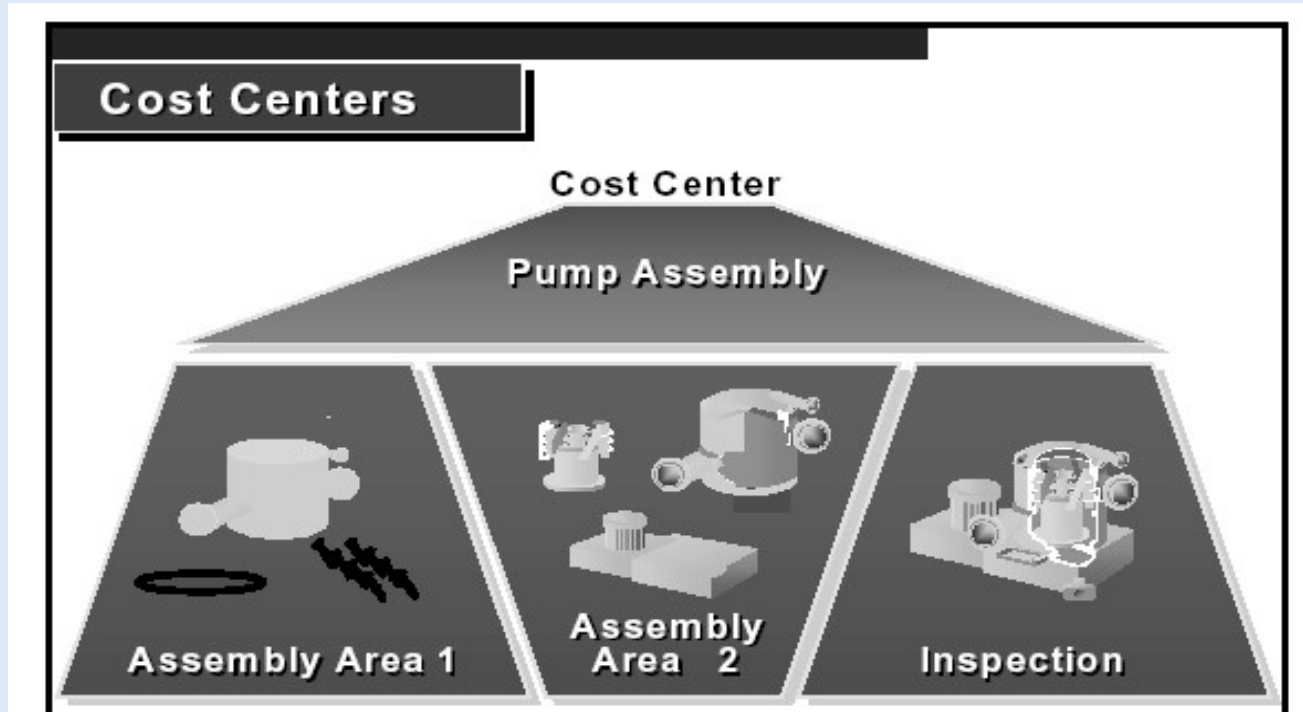


The screenshot shows the SAP Materials List report. The table lists various materials used in a bicycle assembly, including bolts, brake kits, chains, derailleurs, and complete bikes. Each row provides details such as the material number, plant, valuation type, description, last change date, material type, material group, unit, purchase group, ABC classification, type, valuation class, price category, price, currency, and the creator.

Material	Plant	Val. Type	Material Description	Last Change	MTyp	Mat Group	Unit	PGr	ABC	Typ	ValCl	Prc	Price	Crcy	/	Created by
BOLT1000	DL00		Socket Head Bolt 5x20mm	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	1.00	USD	1	WEIDNER
BRKT1000	DL00		Brake Kit	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	70.00	USD	1	WEIDNER
CHAN1000	DL00		Chain	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	10.00	USD	1	WEIDNER
OGAM1000	DL00		Derailleur Gear Assembly	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	75.00	USD	1	WEIDNER
DXTR1000	DL00		Deluxe Touring Bike (black)	23.06.2010	FERT	BIKES	EA			M1	7920	S	1,400.00	USD	1	WEIDNER
FLTR1000	DL00		Circulation Fan Filter		ROH	RAW	EA	N00			3000	V	200.00	USD	1	WEIDNER
HO0NT1000	DL00		Hex Nut 5 mm	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	1.00	USD	1	WEIDNER
LWSH1000	DL00		Lock Washer 5 mm	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	5.00	USD	1	WEIDNER
OFFR1000	DL00		Men's Off Road Frame	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	90.00	USD	1	WEIDNER
ORHB1000	DL00		Off Road Handle Bar	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	25.00	USD	1	WEIDNER
ORMG1000	DL00		Mongoose Mountain Bike	26.06.2011	FERT	BIKES	EA				7920	S	1,500.00	USD	1	GBI-400
ORMN1000	DL00		Men's Off Road Bike	23.06.2010	FERT	BIKES	EA			M1	7920	S	1,200.00	USD	1	WEIDNER
ORSK1000	DL00		Off Road Seat Kit	22.06.2010	ROH	RAW	EA	N00		PD	3000	V	50.00	USD	1	WEIDNER

The above materials list is a report of all the materials that make up the bicycle, their costs, material number and who created the material.

# Master Data : Cost Centres



**Work  
Centres  
linked to a  
Cost  
Centre**

- Cost Centres are used to collect the actual costs from one or more Work Centres.
- A Cost Centre may be a department.
- Benefits: set budgets, financial visibility, planning, product costing

# Definition of Inventory

*Inventory* is the stock of any item or resource used in an organization.

Can be ordered from suppliers or produced in house.

An *inventory system* is a set of controls that monitors levels of inventory and determines :

- What levels should be maintained
- When stock should be replenished
- How large orders should be

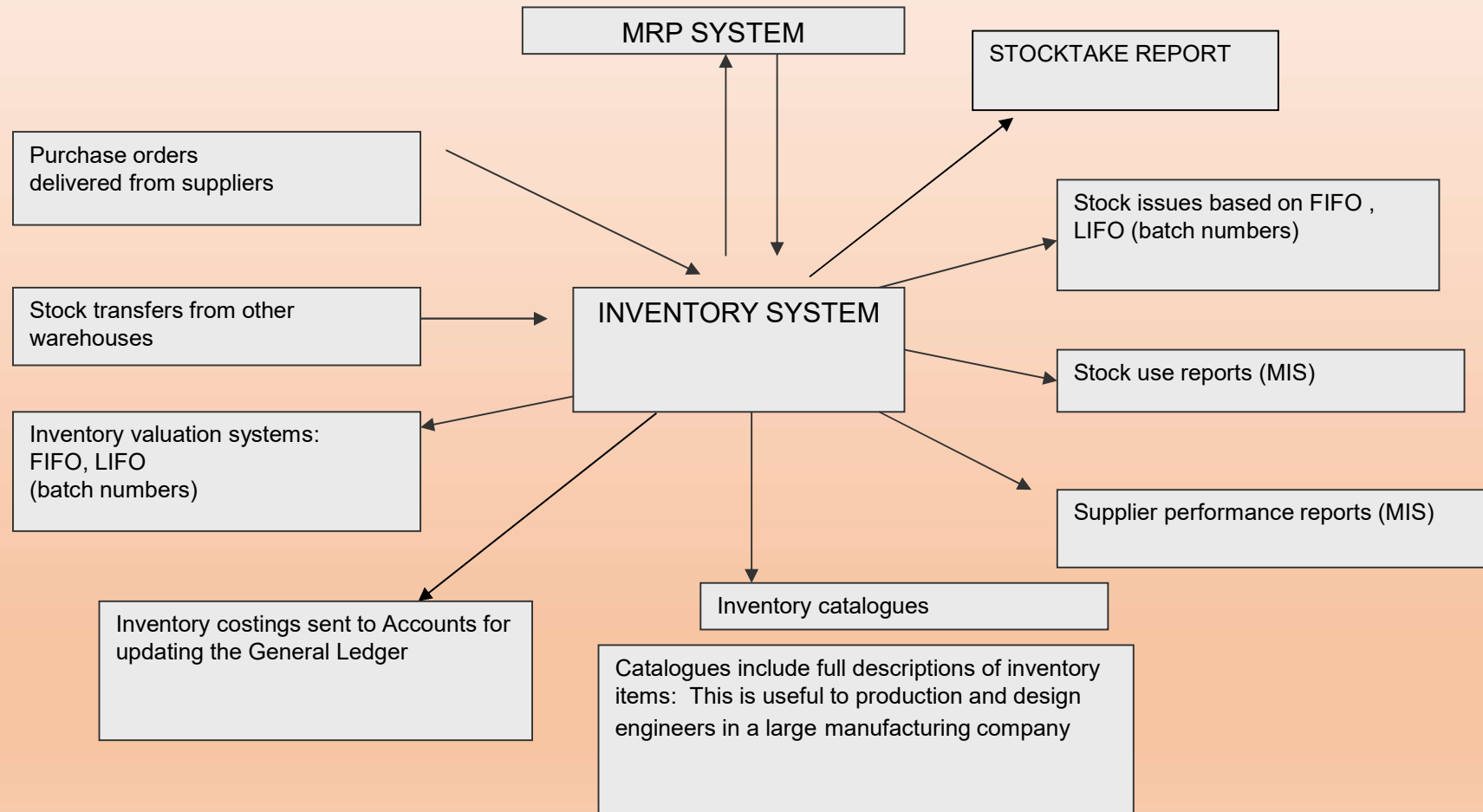
*Inventory* is typically classified into :

- Raw materials
- Finished products
- Component parts (sub assemblies)
- Supplies (nails, gloves etc.)
- Work in Process (WIP)



# Typical Inventory System

## INPUTS AND OUTPUTS OF A TYPICAL INVENTORY SYSTEM



# Inventory Transactions

## Goods Receipt

A **goods receipt** is the physical inbound movement of **goods** or materials into the warehouse. It is a **goods** movement that is used to post **goods received** from external vendors or from in-plant production. All **goods receipts** result in an increase of stock in the warehouse.

## Goods Issue

A **goods issue** is defined as a physical outbound movement of **goods** or materials from the warehouse or it is the **issue** of physical **goods** or materials from the warehouse. It results in a decrease in stock from the warehouse.

# Inventory Transactions




## Inventory Transfer

This function is used to **move inventory** from one warehouse to another.

## Inventory Count

**Inventory counting** is crucial to any company that manages an **inventory**. By matching the actual **inventory** to the quantities saved in the database, companies can adjust existing **inventory** records, detect unusual or unacceptable discrepancies, and improve **inventory** management.

**Create Physical Inventory Document: New Items**

   Deletion Indicator    Other Phys. Inventory Doc.

Plant    0001    Werk 0001

Stor. Loc.    0001    Lager 0001

Items

Itm	Material	Material Description	Batch	STy	AUn	BD	Del
1	10599999			1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2				1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3				1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4				1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



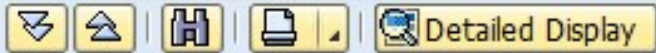
# Inventory Transactions

## Stock Overview

Shows the current stock quantities at company, plant and location levels.

Selection			
Material	10599999	LCD TV 40"	
Material Type	FERT	Finished Product	
Unit of Measure	PCS	Base Unit of Measure	PCS

Stock Overview	
<div></div>	
Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use
▼  Full	244,000
▼  0001 SAP A.G.	244,000
▼  0001 Werk 0001	244,000
•  0001 Lager 0001	244,000

# Procurement

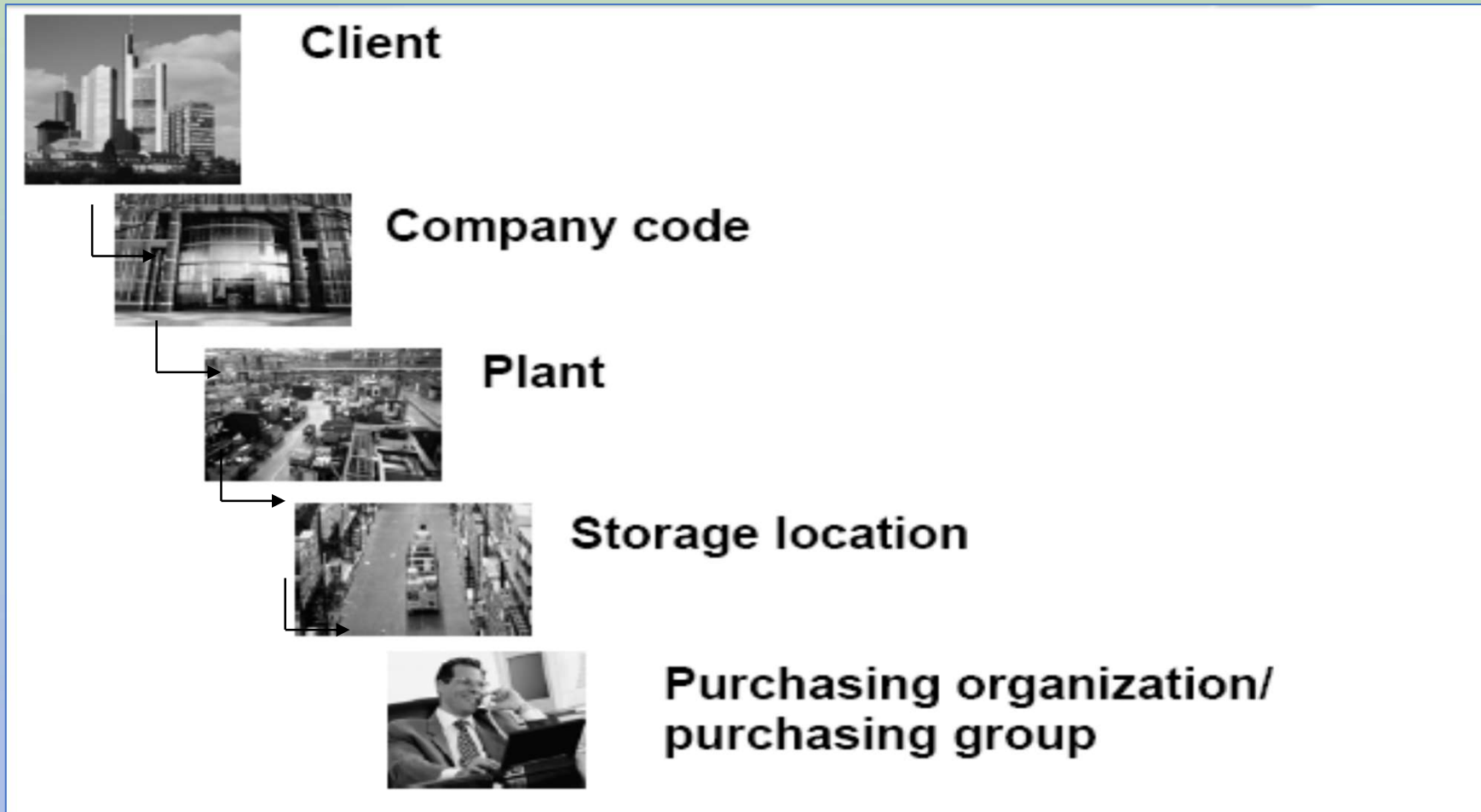
The procurement process includes all of the tasks involved in *acquiring needed materials externally* from a vendor. Procurement is comprised of five steps that are completed in three different functional areas of the organization.



The Procure-to-Pay (P2P) process:

<https://youtu.be/GXfPgk6EQOE>

# Organisational Levels in Procurement



## Organisational Levels in Procurement

### *Client*

A self contained unit in a SAP system with separate master records – Highest organisational element. Eg IBM.

### *Company Code*

Represents an independent accounting unit. e.g. IBM company in Melbourne.

### *Plant*

In Procurement, Plant is the central organisational element. A plant can manufacture, distribute or provide a service for a product.

# Organisational Levels in Procurement

## *Storage Location*

In Inventory Management, material stocks can be differentiated according to their Storage Location within the plant where the item is stored.

## *Purchasing Organisation/Group*

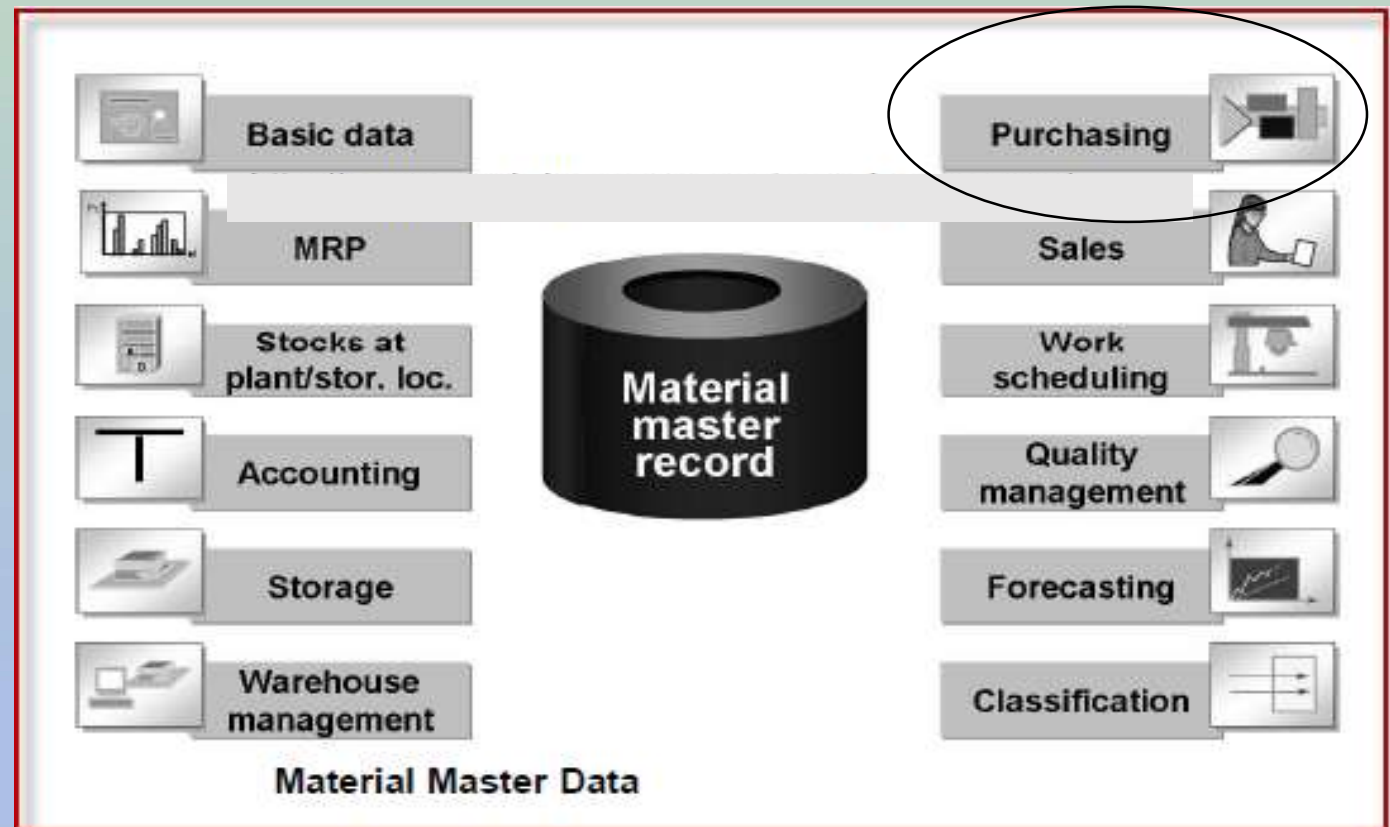
A purchasing organization is the unit that performs activities related to purchasing for one or more plants. It evaluates and identifies vendors, and negotiates contracts, pricing, and other terms. A purchasing group is a buyer or group of buyers responsible for certain purchasing activities.

# Procurement Master Data - Material Master

The Material Master record is the main material data source in an enterprise.

Material data is integrated into one single database object:

Designed to reduce data redundancy

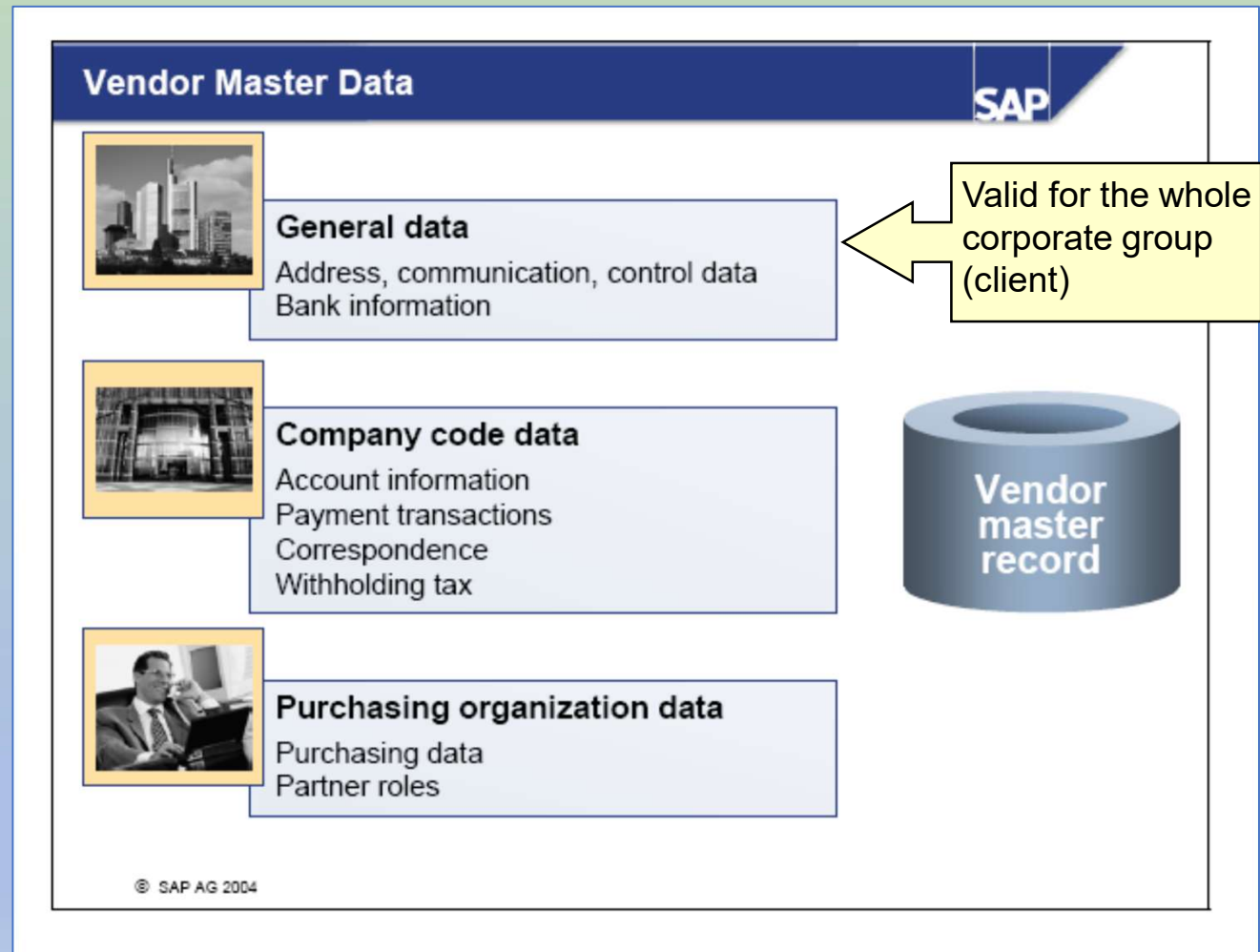




# Procurement Master Data - Vendor Master

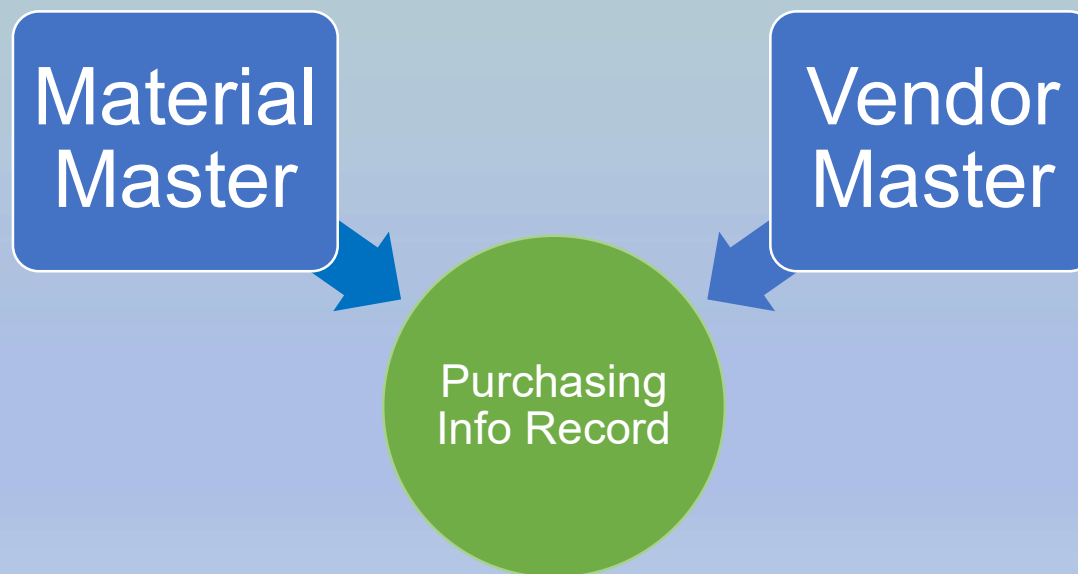
In Accounting, the vendor is regarded as the *company's crediting business partner*.

The vendor master record is maintained by *Accounting and Purchasing*.



## Procurement Master Data – Purchasing Info

A **purchasing info record** is an intersection or a combination of material and vendor data, It contains data specific to *one* vendor and *one* material or material group. Companies use pricing conditions to determine the cost of purchasing the material from that vendor.



# Procurement Master Data - Conditions

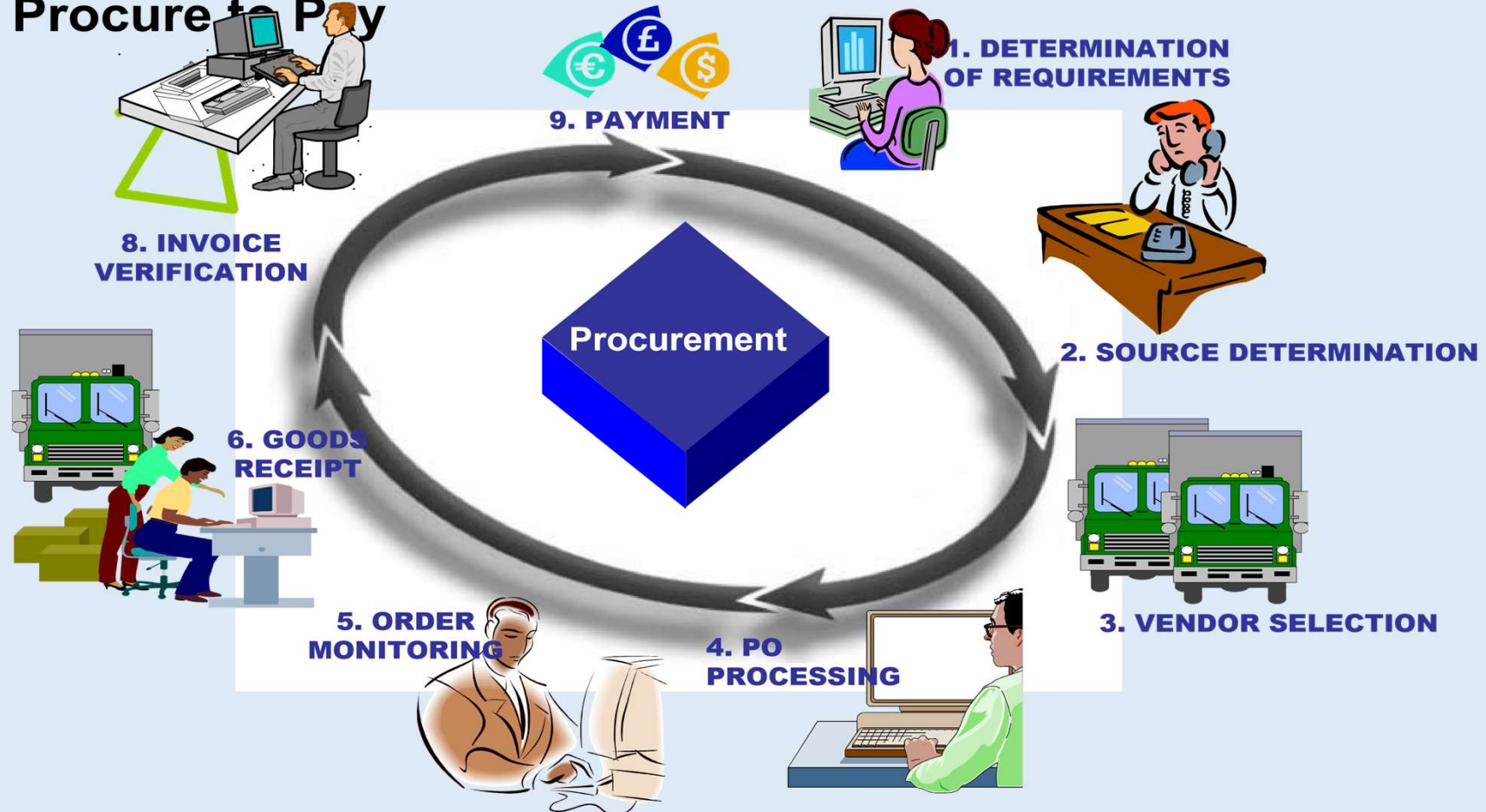
Conditions are used to determine the appropriate prices, discounts, taxes, and freight for the materials. Unlike the conditions in the purchasing info records, however, these conditions are not defined for a specific combination of vendor and material, but are based on the overall agreements and contracts in place with vendors. The company uses these conditions to determine pricing when it creates purchase orders.

<u>Key</u>	<u>Description</u>	<u>Control</u>
PB00	Gross price	Condition class: Prices Calculation type: Quantity-dependent Condition cat.: Base price Access sequence: Gross price
FRB1	Freight, absolute	Condition class: Discount/surcharge Calculation type: Fixed amount Condition cat.: Delivery costs
SKTO	Cash discount	Condition class: Discount/surcharge Calculation type: Percentage Condition cat.: Cash discount

# The External Procurement Cycle

Process of purchasing materials from Vendors (suppliers)

**Procure to Pay**

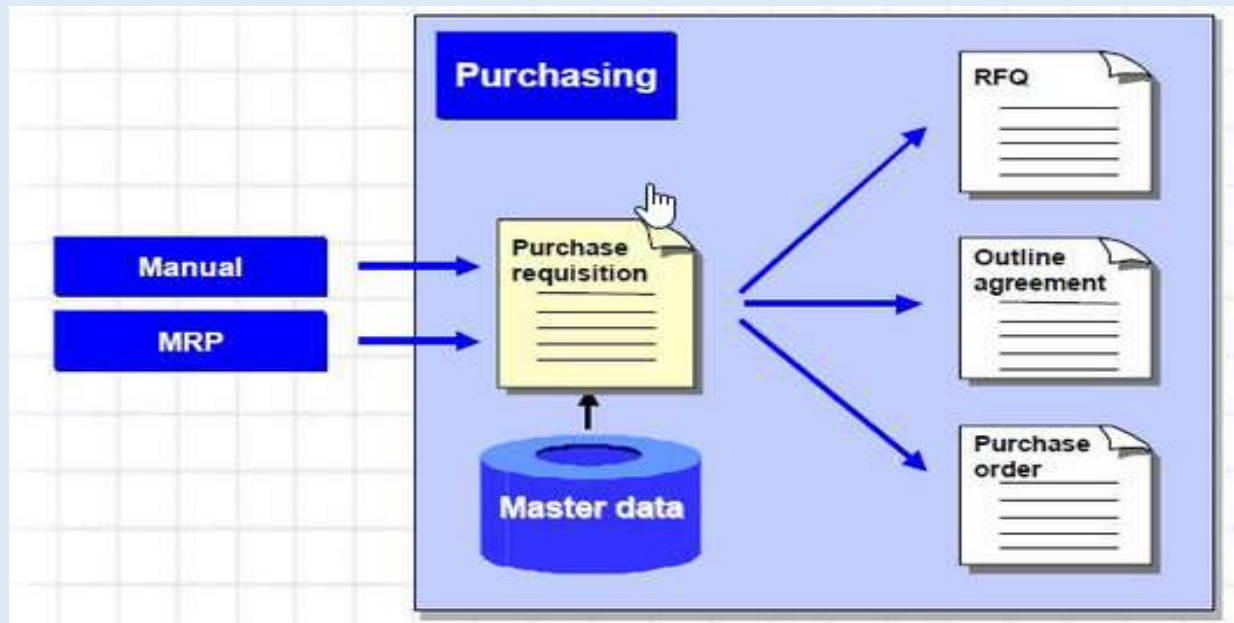


# Tasks in the Procurement Cycle

- Internal **Purchase Requisition** is created by an internal department or by the MRP.
- PR is converted into a **Purchase Order** by purchasing dept.
- PO is sent to the **vendor** from the **customer** (this could be a request for a quote if it is a new vendor).
- Vendor sends stock to customer with **Delivery Docket**.
- Customer creates a **Goods Receipt** from PO.  
Verify physical receipt of goods matched against PO.
- Customer receives **Invoice** from the vendor.  
Invoice details are entered into customer's system and materials and costs are confirmed.
- Customer then posts their **Payment** to the vendor.  
Vendor is referred to as Accounts Payable
- **Payment** is received by the vendor from the customer.  
Customer is referred to as Accounts Receivable.  
Vendor processes the payment.



# Purchase requisition



- A purchase requisition is an internal request that is made to the purchasing organization to procure a certain list of materials.
- It may be generated manually or as a result of demand from MRP.
- It may result in a *Request for Quotation*, *Outline Agreement* or *Purchase Order*



# Purchase requisition

**Create Purchase Requisition**

Document Overview On | Personal Setting | Save As Template | Load from Template

2-NB PURCHASE REQ. | ☐ Source Determination

Header

St.	Item	A	I	Material	Short Text	Quantity	Unit	C	Delivery Dat.	Matl Group	Plant	Stor. Loc.	PO#	Requise.	Tracking	Des. Vendor	Fixed Vend.
	10			1100120	INT BRINE	4.000	KG	O	10/22/20	12 PREF	HERI		E12				

Item: 1 | 10 | 110012098, INT BRINE MEX SUGALE

Material Data | Quantities/Dates | Valuation | Source of Supply | Status | Contract Person | Release strategy | Texts | Delivery Address

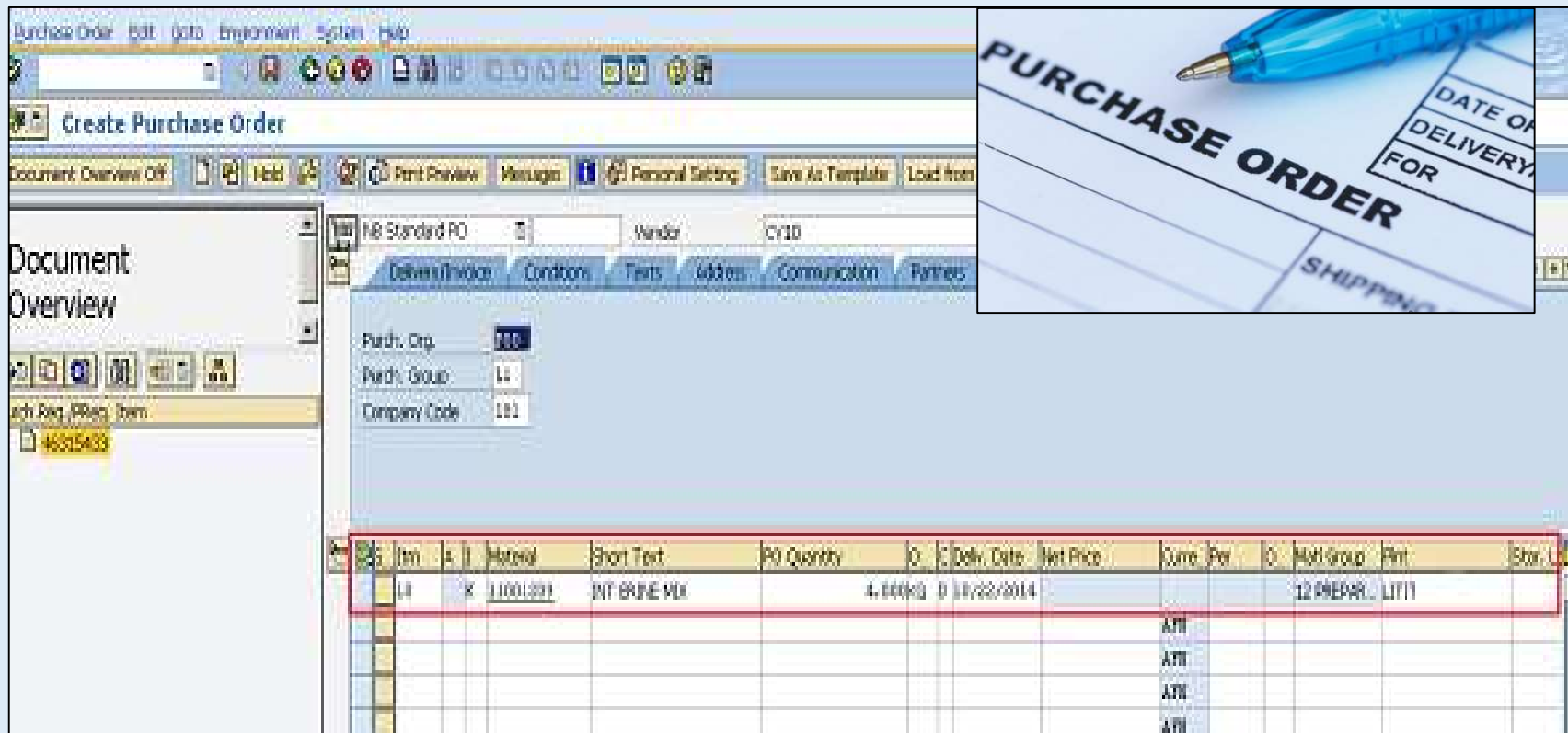
Material: 110012098 | Short Text: INT BRINE

Batch: | Revision Level: |

Material Group: 120040

Vendor Mat: |

# Purchase Order



The image shows a screenshot of the SAP 'Create Purchase Order' interface. The top menu bar includes 'Purchase Order', 'Edit', 'Go to', 'Environment', 'System', and 'Help'. The main title is 'Create Purchase Order'. Below it, there are buttons for 'Document Overview Off', 'Hold', 'Print Preview', 'Messages', 'Personal Settings', 'Save As Template', and 'Load from'. The left sidebar shows 'Document Overview' with a list of items, including '46015403'. The main area displays fields for 'Purch. Org.' (100), 'Purch. Group' (10), and 'Company Code' (100). Below these are tabs for 'Deliver/Invoice', 'Conditions', 'Terms', 'Address', 'Communication', and 'Partners'. A table at the bottom lists items with columns: 'Itm', 'L', 'I', 'Material', 'Short Text', 'PO Quantity', 'O', 'C', 'Deliv. Date', 'Net Price', 'Curr', 'Per', 'O', 'Matl Group', 'Plnt', and 'Stor. L'. The first row shows item 'L4' with material '11001201', short text 'INT BRINE MDI', quantity '4.000KG', and delivery date '18/02/2014'. An inset image in the top right corner shows a physical 'PURCHASE ORDER' form with a blue pen and fields for 'DATE OF DELIVERY' and 'SHIPPING'.

A purchase order is a formal request to a vendor to supply certain goods or services. It is a legally binding document between the supplier and the buyer. It details the items the buyer agrees to purchase at a certain price and also outlines the delivery date and terms of payment for the buyer.

# Example of a purchase order in SAP converted from a PR

Purchase order Edit Goto Environment System Help

**Create Purchase Order**

Document overview on | Hold | Print preview | Messages | Help | Personal setting

Standard PO Vendor E10613 Doc. date 30.01.2003

Conditions | Texts | Address | Communications data | Partners | Additional data | Org. data

Purchasing org. 3000  
Purch. group 003  
Company code 3000

What do these numbers represent in the SAP system?

S..	Item	A	I	Material	Short t...	PO q...	O...	C	Deliv. date	Net price	Curr...	Per	O...	Matl ...	Plnt	Stor.loc	B...
	0010			M4E-400		100			14.02.03	190	USD				3000	0001	

Item New item

SD1 (1) (400) bussap1 INS

# A Printable version of a PO Document within the system

<p>Mr. Stephen Paull 101 Ballarat Rd. MELBOURNE 3000 AUSTRALIA</p> <p>Your vendor number with us 101</p> <p>Please deliver to: New York New York 691 Broadway NEW YORK NY 10001</p> <p>Terms of delivery: CIF Sydney Terms of payment: Payable immediately Due net</p>	<div><b>Purchase order</b> PO number/date 4500015346 / 06.01.2005 Contact person/Telephone IDES USA/040/1002</div> <p>Currency AUD</p> <table><thead><tr><th>Item</th><th>Material</th><th>Order qty.</th><th>Unit</th><th>Description</th><th>Price per unit</th><th>Net value</th></tr></thead><tbody><tr><td>00010</td><td>M4E-000</td><td>100</td><td>Each</td><td>Pinion, 33mm</td><td>190.00</td><td>19,000.00</td></tr><tr><td colspan="6"></td><td>0.00</td></tr></tbody></table> <p>*** Item completely delivered ***</p>	Item	Material	Order qty.	Unit	Description	Price per unit	Net value	00010	M4E-000	100	Each	Pinion, 33mm	190.00	19,000.00							0.00
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00010	M4E-000	100	Each	Pinion, 33mm	190.00	19,000.00																
						0.00																

# Goods Receipt

When goods are received:

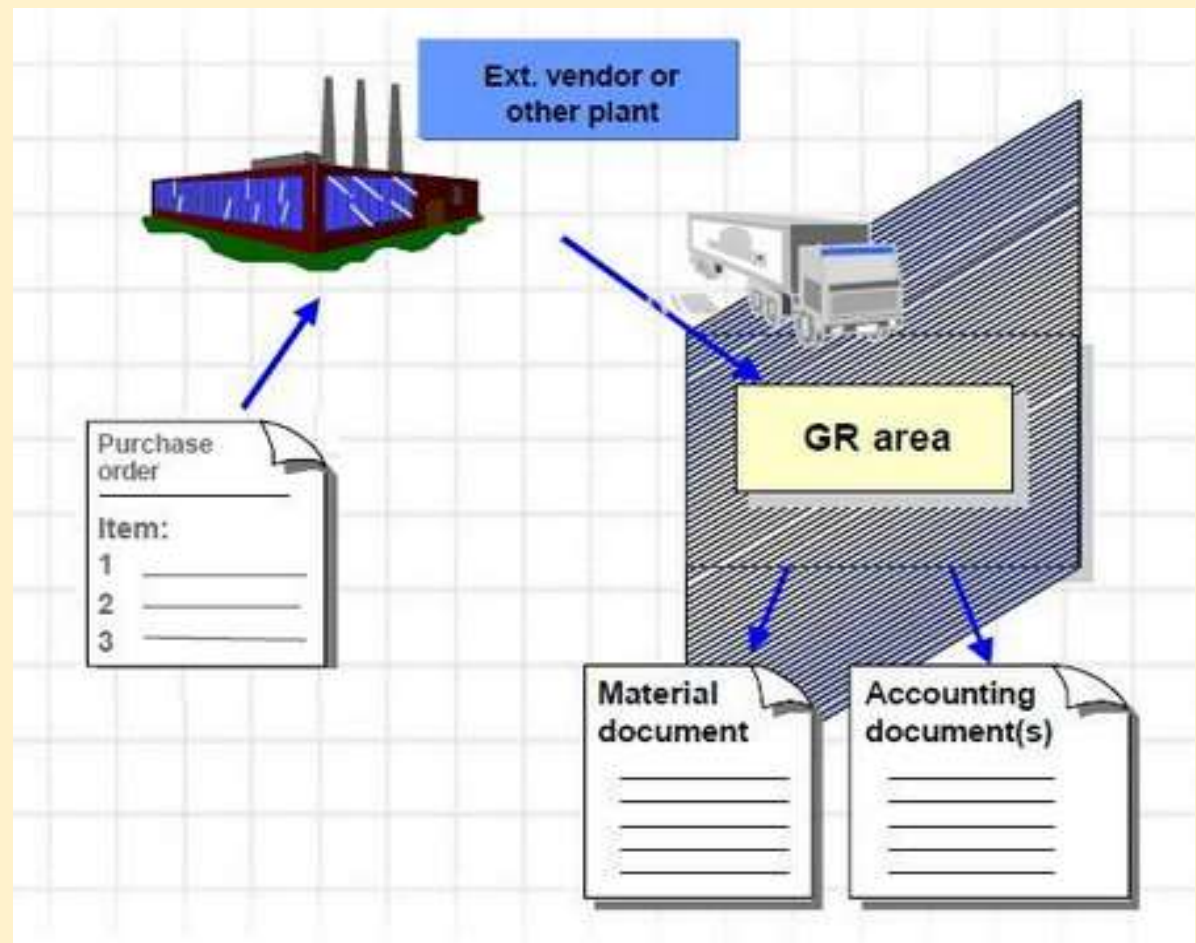
Check over or under deliveries when goods arrive

PO automatically updated with the delivery

Material doc is created; includes storage location in the plant

Accounting doc: records effects material movement has on the value of stock

A GR is posted when the materials have arrived from the vendor.



# Post goods receipt

Goods Receipt Purchase Order 45019735

Show Overview Hold Check Post Help

☐ Individual Slip

Line	Sta...	Mat. Short Text	OK	Qty in UnE	EUn	SLoc	Cost Center	Profit Center	G/L Account	Batch	Valuation T...	M...	D S
1	○	NSYS3X3215 S/STEEL	<input checked="" type="checkbox"/>	1		EA	103600095	A200	66210012			101	+ U
2		Schneider NSYMM32	<input type="checkbox"/>	1		EA	103600095	A200	66210012			101	+ U
3		Timeguard TFP08ML	<input type="checkbox"/>	1		EA	103600095	A200	66210012			101	+ U

Material: NSYS3X3215 S/S

Vendor Material No.

Material Group: 010011

Item OK Line 1



# Stock Inventory types

## Blocked stock

Stock that may be damaged and should not be placed in inventory

## Stock in quality inspection

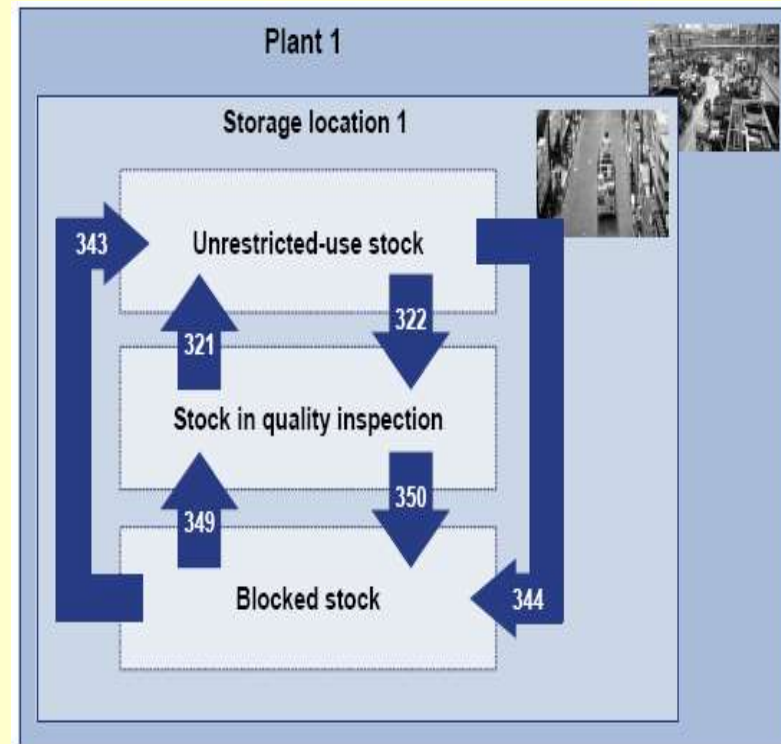
Stock on hold

A new Vendor quality inspection is required

Once completed a stock transfer posting to unrestricted use or to blocked stock is done

## Unrestricted use stock

Stock available for use



**NB:** When you post a goods receipt into the warehouse, the quantity and value of the stock is increased irrespective of the stock type.

# SAP Stock Overview

## Stock Overview: Basic List

**Selection**

Material:

Material Type: HALB  Semi-finished Material

Unit of Measure:   Base Unit of Measure: PC

## Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consigt ...
- <input type="button" value="Full"/>	40.000				20.000	
- <input type="button" value="1000"/> 1000 IDES Demo company	40.000				20.000	
- <input type="button" value="1100"/> 1100 Plant 2	40.000				20.000	
- <input type="button" value="0001"/> 0001 Auslief.Lager	40.000				20.000	



# Case Study – Spare Parts Inventory Management

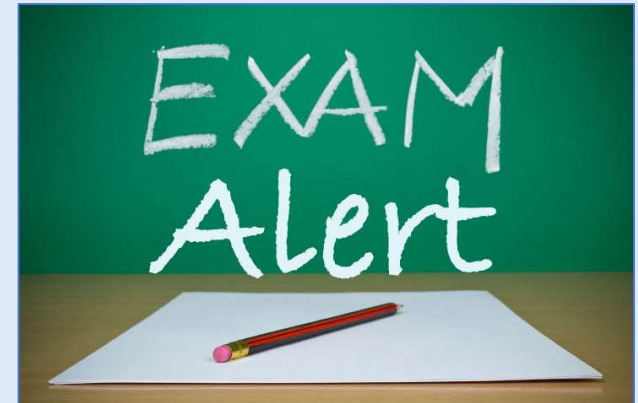


Video :

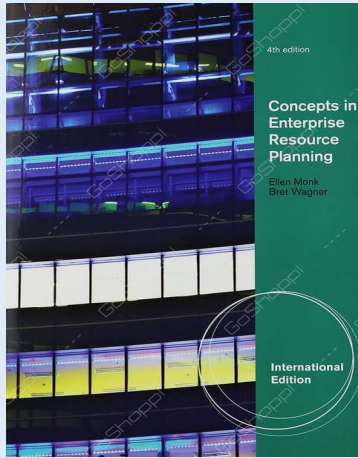
<https://youtu.be/wYb2jrYWmgw?list=TLPQMjkwMjIwMjAPCRYI3bgKng>

## Sample Exam Questions

- A. Identify and describe TWO Master Data items that are used in Materials Management.
- B. What is an *Exploded BOM* ?
- C. Explain the meaning and use of a *Material Master view*.
- D. What effect do Goods Issues and Goods Receipts have on stock inventory levels ?
- E. What is a *Purchasing Info Record* ?
- F. What is the definition and purpose of a *Purchase Order* ?

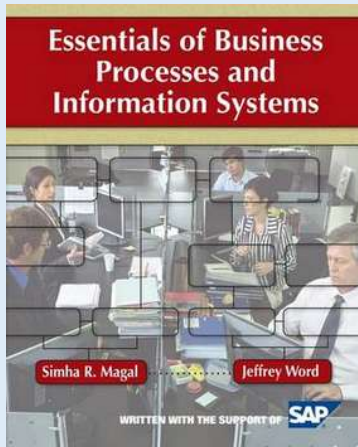


# References



Monk & Wagner

Various



Magal & Word

Chaps 4, 7

# TEAM PROJECT PLAN -TEMPLATE

[illegible]