MM0015 - MM REPORTS / LIS REPORTS

Overview of Various SAP MM reports

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MM REPORTS / LIS REPORTS

1 — PrepareMe

2 — TellMe

3 — ShowMe

4 — LetMe

5 — HelpMe

MM REPORTS / LIS REPORTS

1. **PrepareMe**

2. TellMe

3. ShowMe

4. LetMe

5. HelpMe

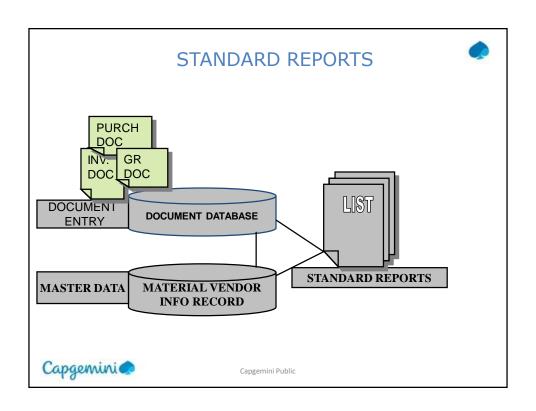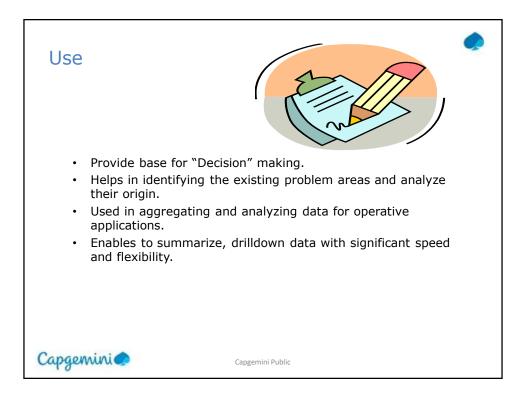# INTRODUCTION TO MM REPORTS / LIS REPORTS

Purpose:

- Reports allow us to view the information from our operative applications from any perspective we wish.
- Benefit from in depth analysis of supply chain processes, inventory and purchasing provided in Reports.
- Reports can be used effectively to plan the entire logistics cycle.
- They provide comprehensive insight to the entire organization as whole.

Use

- Provide base for "Decision" making.
- Helps in identifying the existing problem areas and analyze their origin.
- Used in aggregating and analyzing data for operative applications.
- Enables to summarize, drilldown data with significant speed and flexibility.

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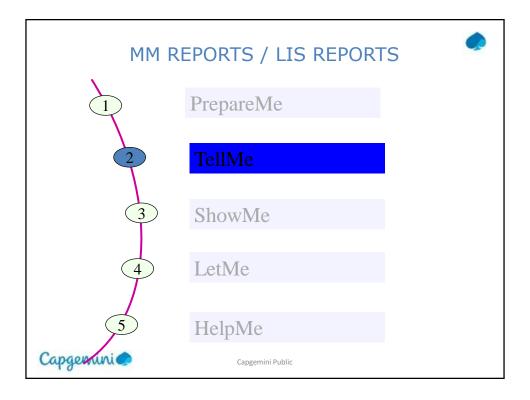Based on the analytical information provided by reports one can take business decisions
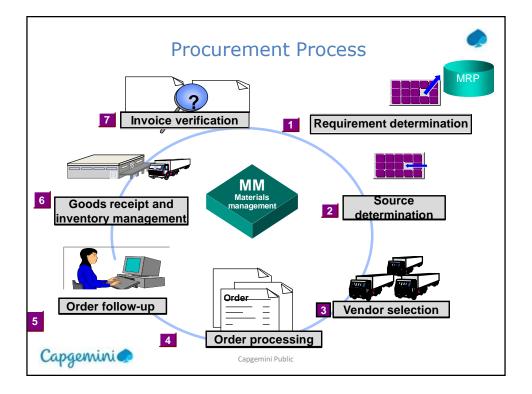
Challenges

- Information on existing report is either missing or unclear.

- Searching thousands of available reports is a challenge.
- Reports are predefined, list oriented and provide very limited flexibility.
- Knowledge of how often a report is used is not available, such as which reports are frequently used or ever used.

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The need to procure a material originates in a user department or in MRP.

A source of supply must be identified.

In RFQ processing, quotations can be solicited. Via price comparison the most reasonable vendor can be selected.

Purchase orders can also be created by referencing other documents

Goods Receiving can directly reference the purchase order. Information concerning material stocks can be easily obtained.

A purchase order or GR document can also be directly referenced in Invoice Verification.

Reporting

In production environment wide variety of reports can be generated example

Listing of …

- Purchasing Documents
- Material Documents
- Invoice Documents
- Accounting documents

SAP List Viewer and ALV Grid Control

The SAP list Viewer and ALV Grid Control standardize and simplify the handling of lists in SAP System.

The Key element of the SAP List Viewer and ALV Grid Control can be summarized as follows:

• Uniform design of all lists and tables.

• Cross- application, standardized function with uniform icons.

• Simple creation and changing of layouts (display variants)

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We can use layouts or change variants to change the appearance of many lists. We can then display additional fields from the column set or hide unwanted fields from the column selection. We can also arrange the fields in the order of our choice and generate totals. In addition, we can adjust the size of the columns.

Reporting and Analysis Functions In Purchasing

Examples:

• Which purchase orders were created for a particular vendor over a certain period.

•For how many purchase orders have goods already been received? For which purchase orders are the relevant goods receipt still open?

•Do the goods and invoices received agree with purchase order data?

•Which is the average PO value achieved by a certain purchasing group?

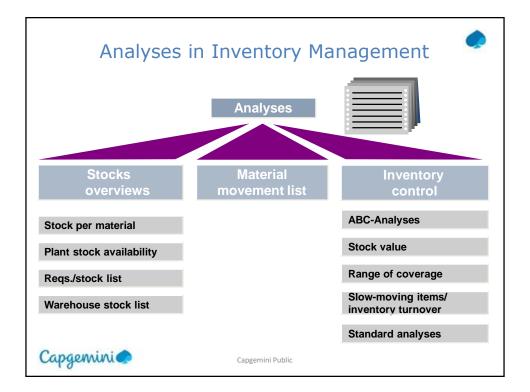Capgemini

This gives us variety of report and analysis ex. PO's by vendor, by material, by material groups, and so on.

Reporting and Analysis Functions in Inventory Management

The reporting and analyses in inventory management can be divided roughly into three groups.

- Analyses of stock situation

- Analyses of good movements

- Analyses that serve to identify inconsistencies in stock data

Analyses in Inventory Management

Analyses

Stocks overviews

Material movement list

Inventory control

Stock per material

ABC-Analyses

Plant stock availability

Stock value

Reqs./stock list

Range of coverage

Warehouse stock list

Slow-moving items/
inventory turnover

Standard analyses

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Analyses for inventory management purposes can be created from the inventory management menu (Environment and Inventory control options).

You can influence the scope and layout of analyses by making the appropriate selections.

You will find further analyses in inventory control.

Inventory Management

List of Displays	Inventory
Analyses of	Analyses of stocks
• Material documents	• Individual Materials
• Accounting document	• Several Materials
for example	for example
• Material Document list	• Stock overview
• Accounting Document for material.	• Plant stock availability
• Cancelled material documents	• Warehouse stock
• …… etc…	• …..etc….

Reporting and Analysis Functions in Invoice Verification

The information provided by the list of invoice document include the following:
- Persons who entered the invoice.
- Document date
- Posting Date
- Number of invoice document
- Number of associated accounting document
- Status of invoice (for example, posted, parked, on hold)

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In logistics invoice verification, there is a general analysis of invoice documents, the invoice overview. You can use this function to generate a list of invoices. You use this function to generate list of invoices. Ex: Which documents have been entered manually by a certain user or a certain invoicing party for a specific period.

Logistics Information System (LIS)

How LIS System Work ?

Based on business events in R/3-for example, creating an order (transaction ME21N)-the LIS Interface (Communication Structure) gives selected data generated by transactions to update rules that in turn update special tables, called information structures.

R/3 transaction tables and LIS information structures are updated in two modes:

  Synchronous : The transaction tables and information structure are updated automatically.

  Asynchronous: The transaction table are updated first and information structures later.

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The LIS is an information system in which data can be continuously updated on the aggregated basis and evaluated and analyzed with various reporting tools. The advantage of LIS reporting is it does not use whole different tables according to query, but aggregates data from events according to rules you defined. Then the data passed into info structure is used via report library and reporting tools (Report Writer and Report Painter).
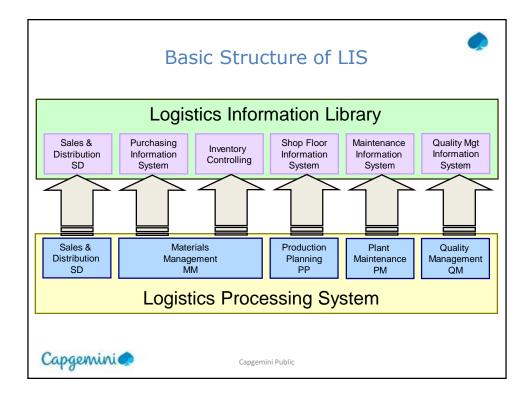
Basic Structure of LIS

In Logistics, we can distinguish between the following information systems:

- Sales Information System (SIS)
- Purchasing Information Systems (PURCHIS)
- Inventory Controlling (INVCO)
- Warehouse Management Information System (WMIS)
- Shop Floor Management Systems (SFIS)
- Quality Management Information System (QMIS)
- Plant Maintenance Information Systems (PMIS)
- Retail Information System (RIS)

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The information systems in logistics are flexible tools for collecting, aggregating and analyzing

data from the operative applications (Purchasing, Sales, Production, Inventory Controlling, Plant

Maintenance, Quality Management/Inspection Processing). They thus enable you to continually

control target criteria and to react in time to exceptional situations.

Purchasing Information System
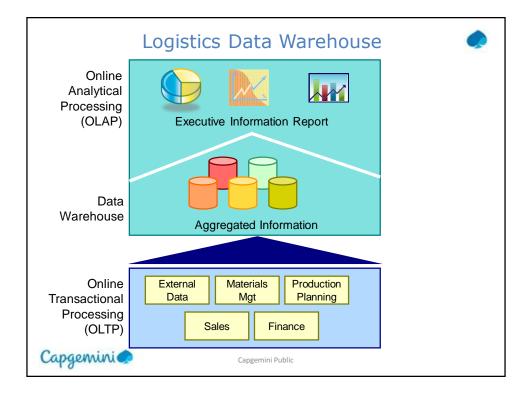
Purchasing Information System are updated when following types of event occur

- Create/Change purchasing documents (purchasing documents are: purchase order, scheduling agreements, contract, RFQ/Quotation)
- Good Receipt for a purchase order, scheduling agreement.
- Invoice receipt (Volume based rebate)
- Credit Memo / Billing document (Volume based rebate)

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Data analysis in the Purchasing Information system is based on the statistical data that is updated from the purchasing to the information structures. Data flows from document structure to the information structure.

•The Executive Information system (EIS) is used to review and analyze key performance figures throughout the R/3 System

•The Logistic Information System (LIS) uses the summary data. Data from other systems may also be used in the LIS

•Standard Reporting uses the daily transactions from the R/3 application

Logistics Data Warehouse

OLTP:

- Quantitative reduction of data takes place as result of period wise reporting.
- Further the information is qualitatively reduced to statistically relevant portions.

Logistics Data Warehouse:

- Logistics also known as information structure. They constitute the data basis of the LIS.

OLAP:

- Evaluation of data is carried out at this level.

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Online Analytical Processing (OLAP) technologies enable you to perform flexible analyses from a variety of business perspectives. It is based on a multi-dimensional data model that is achieved using relational database tables.

The information system of the LIS are continuously supplied with data from the operative applications (Sales and Distribution, Purchasing, Production etc. This level is also known as **Online Transaction processing (OLTP)**. The data derived from documents SAP R/2, SAP R/3 or external/ non SAP systems.

Logistics data warehouse is parallel to OLTP level. In the process, first a quantitative reduction in the data volume takes place as a result of the period wise updating and second information is qualitatively reduced to the statistically relevant portions.

OLTP Vs OLAP
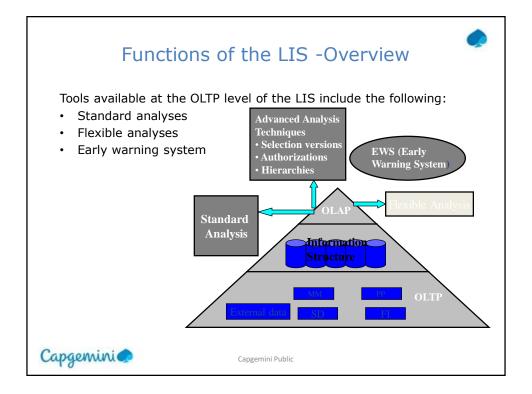
OLTP
- Current data
- Short database transactions
- Online update/insert/delete
- Normalization is promoted
- High volume transactions
- Transaction recovery is necessary

OLAP
- Current and historical data
- Long database transactions
- Batch update/insert/delete
- Demoralization is promoted
- Low volume transactions
- Transaction recovery is not necessary

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The standard analyses in the LIS provide comprehensive data evaluation options based on the data in the standard information structures. Standard analyses provide multitude of functions to facilitate a detailed and targeted evaluation of the data. We can select various options to define the scope of data to be evaluated.

Early Warning System is used to search unusual patterns. This enables you to react in time to previously defined exception situations and correct them.

With the aid of **Flexible analyses**, we can compile and aggregate key figures on an individual basis. In this connection, the possibility of structuring layout of our report to meet own specific requirement is particularly useful.

Reporting in the LIS

Standard Analysis
 Standard analyses provide multitude of functions to facilitate
 a detailed and targeted evaluation of the data.
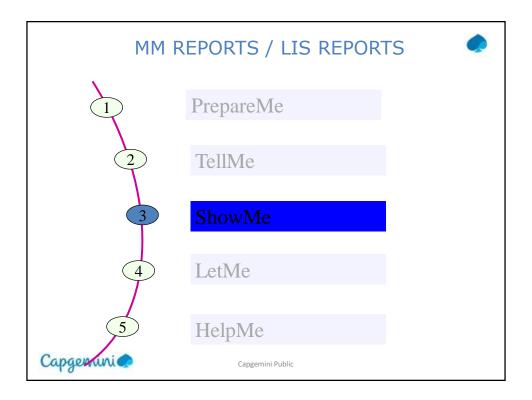
Early Warning System
 Enables us to react in time to previously defined exceptions
 situations and correct them.

Flexible Analysis
 Enables us to compile, aggregate and structuring the layout to
 meet specific requirement.

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Agenda

Standard Reports

- Material Document List
- Standard Reports in Purchasing
- List of Invoice Documents
- Stock Overview
- General Analysis in Purchasing
- Stock Consistency Check

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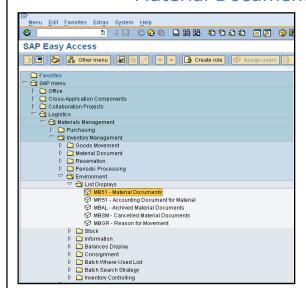
Material Document List
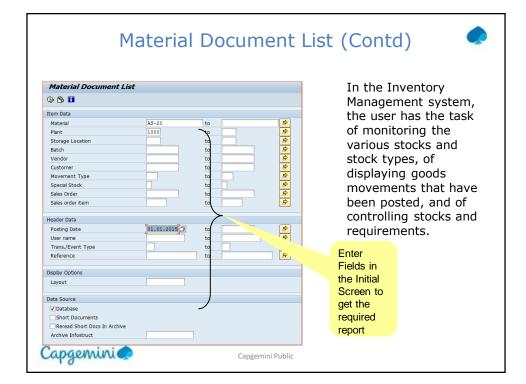
Purpose:

Perform this procedure when information or proof regarding a goods movement is required. Any goods movement will generate a material document that serves as proof of the movement and as a source of information for any applications that follow.

Select Logistics → Material Management → Inventory Management → Environment → List Displays → MB51-Material Documents

Material Document List (Contd)

Material Document List

Item Data

Field	Value		
Material	AS-20	to	
Plant	1000	to	
Storage Location		to	
Batch		to	
Vendor		to	
Customer		to	
Movement Type		to	
Special Stock		to	
Sales Order		to	
Sales order item		to	

Header Data

Field	Value		
Posting Date	01.01.2015	to	
User name		to	
Trans./Event Type		to	
Reference		to	

Display Options

Field	Value
Layout	

Data Source

- ☑ Database
- ☐ Short Documents
- ☐ Reread Short Docs In Archive
- Archive Infostruct

In the Inventory Management system, the user has the task of monitoring the various stocks and stock types, of displaying goods movements that have been posted, and of controlling stocks and requirements.

Enter Fields in the Initial Screen to get the required report

Material Document List (Contd)

Material Document List

Material			Material Description			Plnt Name 1	
SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity in UnE	EUn
			BLAHBLAH			1000 Hamburg Plant	
	101		5000000650	1	17.04.2015	1	AU
			FOR SLAB PAYMENT			1000 Hamburg Plant	
	101		5000000609	1	22.04.2015	1	MON
			Plumbing services			7500 Centro Argentina	
	101		5000000720	1	16.07.2015	1	AU
			SAP			1000 Hamburg Plant	
	101		5000000591	1	17.04.2015	1	AU
			Services Misc			7500 Centro Argentina	
	101		5000000752	1	20.07.2015	3.0	HR
			Test Service			7500 Centro Argentina	
	101		5000000669	1	08.07.2015	1	AU
	101		5000000669	2	08.07.2015	1	AU
	101		5000000661	1	07.07.2015	1	AU
	101		5000000656	1	06.07.2015	1	AU
			Test material			1000 Hamburg Plant	
	101		5000000662	1	07.04.2015	3	EA
			Testing Invoicing Plan			7500 Centro Argentina	
	101		5000000768	1	22.07.2015	20	EA
			Window ac sapce creation			7500 Centro Argentina	
	101		5000000655	1	06.07.2015	1	AU
1108			This is my material			7500 Centro Argentina	
0001	101		5000000587	1	15.04.2015	10	PC
	101		5000000586	1	15.04.2015	10	PC
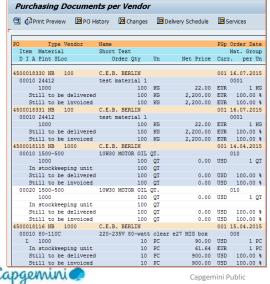
This reports provide for documents posted in Inventory Management.The user may view specific details about the item and the material document

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Standard Reports in Purchasing

Enter Fields in the Initial Screen to get the required report

Logistics → Material Management → Purchasing → Purchase Order → List Displays → By Vendor (ME2L)

Standard Reports in Purchasing

Reports and analyses can be chosen from

- PO's by vendor

- By material

- By material groups

- …..etc…

Invoice List (Contd)

Choose Logistics → Material Management → Logistics Invoice Verification → Further Processing → Display List of Invoice Documents

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Invoice List (Contd)

Display List of Invoice Documents

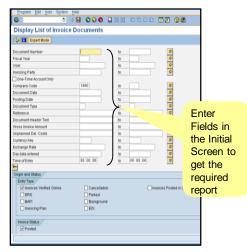| Doc. No.	Year	T	Doc. Date	Posting Date	User name	Transaction Code	Entered on	Time	T	Reference	CoCd	Invoicing
51056092	20..	RE	15.04.2015	15.04.2015	SDTRAINEE10	MIRO	15.04.2015	18:12:27	R		1000	1000
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	14:55:12	R	4500018138	1000	1000
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:01:35	R	INV01	1000	1000
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:20:56	R	A104	1000	1000
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:23:29	R	A-105	1000	1000
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:30:12	R	INV02	1000	1000
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:34:50	R	A105	1000	1000
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:47:50	R		1000	1000
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:51:05	R		1000	1000
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:53:36	R		1000	1000
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:55:48	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	11:58:39	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	12:00:36	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE06	MIRO	20.04.2015	12:14:19	R	5105609313	1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	12:16:44	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	12:18:25	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE07	MIRO	20.04.2015	12:22:55	R		1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE10	MIRO	20.04.2015	12:24:41	R	INV3	1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE07	MIRO	20.04.2015	12:25:17	R	5105609318	1000	1000
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE10	MIRO	20.04.2015	12:35:11	R		1000	1000
51056093	20..	RE	24.04.2015	24.04.2015	SDTRAINEE10	MIRO	24.04.2015	18:10:56	R	1234	1000	1000
51056093	20..	RE	30.04.2015	30.04.2015	SDTRAINEE04	MIRO	30.04.2015	11:19:11	R		1000	1000
51056092	20..	RE	15.04.2015	15.04.2015	SDTRAINER1	MIRO	15.04.2015	16:14:19	R	4500018123	1000	1010
51056093	20..	RE	06.07.2015	06.04.2015	SDTRAINER2	MIRO	06.07.2015	18:45:29	R		1000	100328
51056093	20..	RE	06.07.2015	06.04.2015	SDTRAINER2	MIRO	06.07.2015	18:59:39	R	INV_18236	1000	100328
51056093	20..	RE	06.07.2015	06.04.2015	SDTRAINER2	MIRO	06.07.2015	19:01:32	R		1000	100328
51056093	20..	RE	07.07.2015	07.04.2015	SDTRAINER2	MIRO	07.07.2015	15:50:02	R		1000	100328
51056093	20..	RE	07.07.2015	07.04.2015	SDTRAINER2	MIRO	07.07.2015	16:45:46	R	INV_18243	1000	100328
51056093	20..	RE	08.07.2015	08.04.2015	SDTRAINER2	MIRO	08.07.2015	17:41:33	R	1234	1000	100328

Perform this procedure when needing to analyze invoices related to purchase orders

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Invoice List (Contd)

Display List of Invoice Documents

Click to see related documents to the highlighted invoice.

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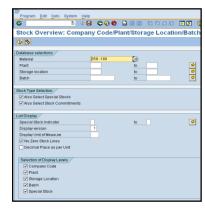
Stock Overview
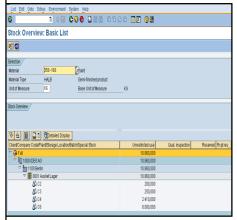
This procedure to provide an overview of the inventory levels of a material at all organizational levels.
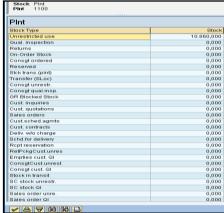
Choose: Logistics → Material Management → Inventory Management → Environment → Stock → Stock Overview MMBE

Stock Overview (Contd)
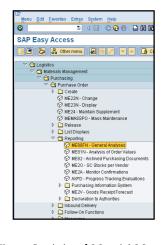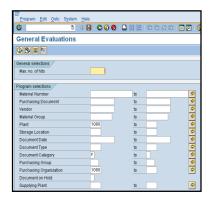
Perform this procedure when a plant needs to check the inventory status of one particular material at a plant and all storage locations.

General Analyses in Purchasing

Choose Logistics → Material Management → Purchasing → Reporting → General Analyses
ME80FN

General Analyses in Purchasing (Contd)

Purchasing Documents

Purchasing document　Material　Vendor　Print preview

Header/item data

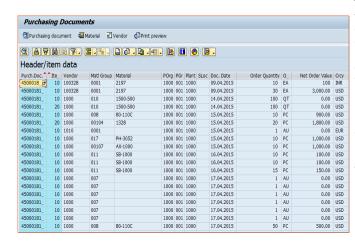| Purch.Doc.	Ite	Vendor	Matl Group	Material	POrg	PGr	Plant	SLoc	Doc. Date	Order Quantity	O_	Net Order Value	Crcy
4500018	10	100328	0001	2197	1000	001	1000		09.04.2015	10	EA	100	INR
45000181	10	100328	0001	2197	1000	001	1000		09.04.2015	30	EA	3,000.00	USD
45000181	10	1000	010	1500-500	1000	001	1000		14.04.2015	100	QT	0.00	USD
45000181	20	1000	010	1500-500	1000	001	1000		14.04.2015	100	QT	0.00	USD
45000181	10	1000	008	80-110C	1000	001	1000		15.04.2015	10	PC	900.00	USD
45000181	20	1000	00104	1328	1000	001	1000		15.04.2015	20	PC	1,800.00	USD
45000181	10	1010	0001		1000	001	1000		15.04.2015	1	AU	0.00	EUR
45000181	10	1000	017	PH-3052	1000	001	1000		15.04.2015	10	PC	1,000.00	USD
45000181	10	1000	00107	AX-1000	1000	001	1000		15.04.2015	10	PC	1,000.00	USD
45000181	10	1000	011	SB-1000	1000	001	1000		16.04.2015	10	PC	100.00	USD
45000181	10	1000	011	SB-1000	1000	001	1000		16.04.2015	10	PC	100.00	USD
45000181	10	1000	011	SB-1000	1000	001	1000		16.04.2015	15	PC	150.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	007		1000	001	1000		17.04.2015	1	AU	0.00	USD
45000181	10	1000	008	80-110C	1000	001	1000		17.04.2015	50	PC	500.00	USD

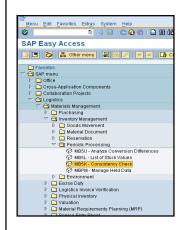This report provides the amount entered on purchasing documents for a purchasing group and can be selected by vendor and/or material group. It provides a report based upon the amount entered on purchase orders, **NOT** the amount paid for goods.

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Stock Consistency Check
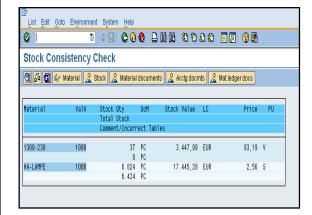
Choose Logistics → Material Management →Inventory Management
→Periodic Processing →Consistency Check MB5K

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Stock Consistency Check (Contd)

Perform this procedure to check the consistency of your stock data at company code level, valuation area level, or material level.
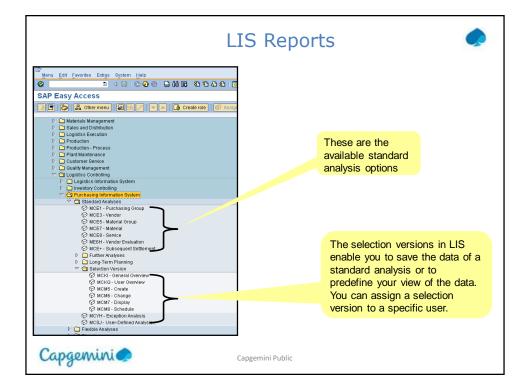
Agenda
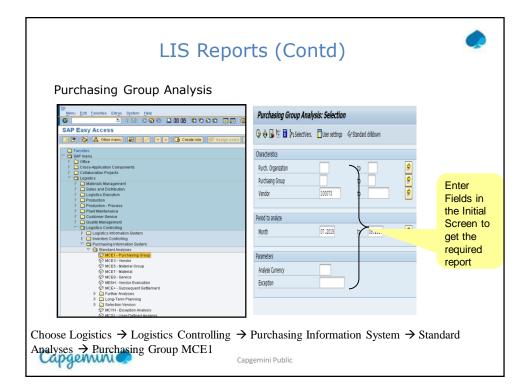
- LIS Reports
- Purchasing Group Analysis
- Storage Location Analysis
- Service Analysis
- Material Analysis
- Plant Analysis
- Material Type Analysis
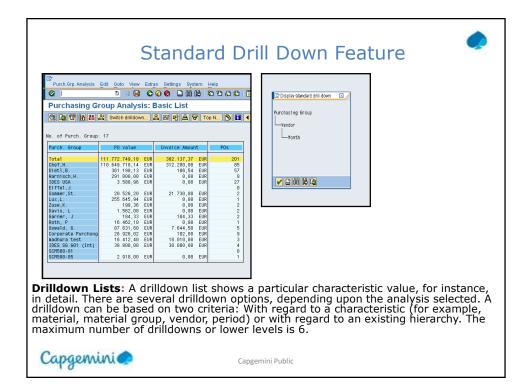
Logistics information system can be used to effectively plan the entire logistics cycle in SAP. A user can control and monitor business events in the logistics cycle to make effective decisions. Data coming in from various sub modules in SAP can be clubbed and analyzed using the logistics information system. LIS thus acts as a flexible tool to aggregate and cull out important data. Key figures can be defined in LIS to keep track of important logistics parameters. Users can analyze data in various ways. LIS even allows users to customize the reports as per individual reporting requirements making it a flexible reporting and analytical tool.

LIS Reports (Contd)

Purchasing Group Analysis

Choose Logistics → Logistics Controlling → Purchasing Information System → Standard Analyses → Purchasing Group MCE1

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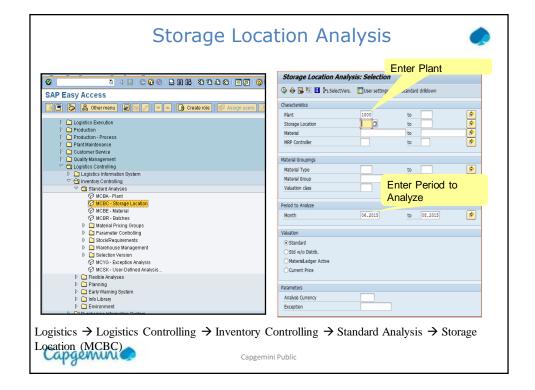
The standard analysis for purchasing groups derives its data from the information structure, S011. With this standard analysis, the Purchasing Organization, Purchasing Group, and Vendor are the characteristics that can be selected using the period that the user wants to define.

Drilldown Lists: A drilldown list shows a particular characteristic value, for instance, in detail. There are several drilldown options, depending upon the analysis selected. A drilldown can be based on two criteria: With regard to a characteristic (for example, material, material group, vendor, period) or with regard to an existing hierarchy. The maximum number of drilldowns or lower levels is 6.

A **drill-down function** allows you to vary the level of detail in which the information is displayed. You can specify the sequence in which the levels of information are displayed or you can follow the predefined analysis path, known as a standard drill-down sequence.
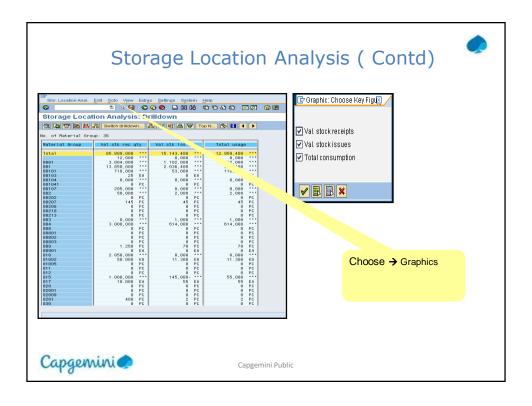
At each level, you can carry out a wide range of additional functions, including **cumulative frequency curves**, **ABC analysis**, **correlation, classification, dual classification**, and **ranking lists.** All results can be displayed in the form of **graphics**.

Storage Location Analysis

Logistics → Logistics Controlling → Inventory Controlling → Standard Analysis → Storage Location (MCBC)

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Perform this procedure to view the following

•Valuated stock receipt quantity

•Valuated stock issued quantity

•Total usage

Storage Location Analysis (Contd)

Drilldown by Material Group

Switch drilldown

- ○ Business Area
- ○ Division
- ○ MRP Controller
- ○ MRP Type
- ◉ Material Group
- ○ Material Type
- ○ Material_number
- ○ Plant
- ○ Storage Location
- ○ Valuation Class
- ○ Month

Choose → Change Drill Down

Storage Location Analysis (Contd)

Choose → Graphics

Choose Logistics →Logistics Controlling →Purchasing Information System → Standard Analyses → Service MCE8

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The standard analysis for services will report on the purchase order value, accepted value and invoice value of all services or those from the selection criteria entered. The results will be based on the period defined for the analysis.

Service Analysis (Contd)
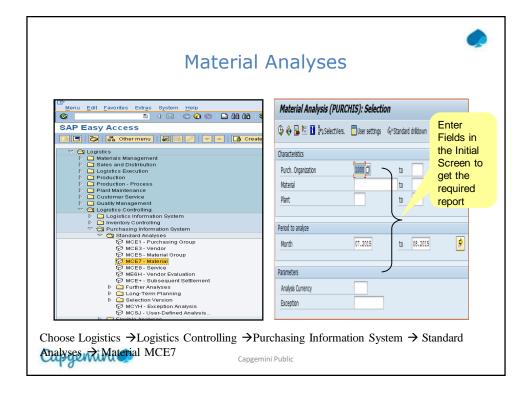
Perform this procedure to analyze purchasing activities of an enterprise by displaying statistical data on services

Choose Logistics →Logistics Controlling →Purchasing Information System → Standard
Analyses → Material MCE7
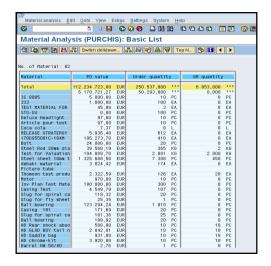
The standard analysis for materials also derives its data from the information
structure S012. The standard analysis for materials will report on the purchase
order value, good receipt totals, and order quantity of all materials or those
from the selection criteria entered. The results will be based on the period
defined for the analysis.
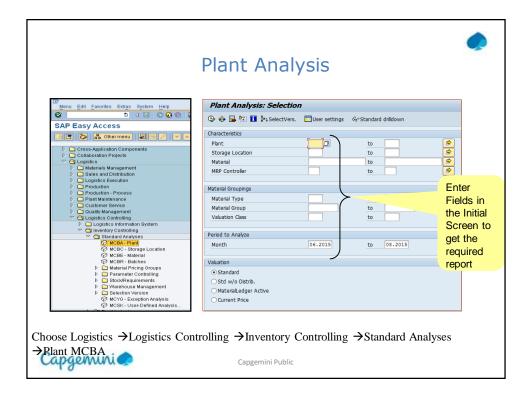
Material Analyses (Contd)

Perform this procedure to analyze material on basis of purchase order value, goods receipt totals and ordered quantity from the selection criteria entered.

Plant Analysis

Choose Logistics →Logistics Controlling →Inventory Controlling →Standard Analyses
→Plant MCBA

Capgemini Public
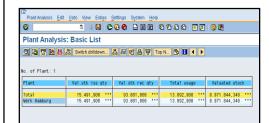
The standard analysis for a plant derives its data from the information
structures S031 and S032. The results will be based on the period defined for
the analysis.
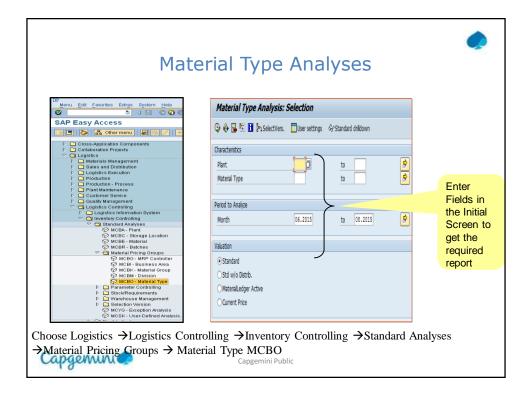
Plant Analysis (Contd)

Perform this procedure to view the following

• Valuated stock issued quantity

• Valuated stock receipt quantity

• Total usage quantity

• Quantity of the valuated stock

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Material Type Analyses

Choose Logistics →Logistics Controlling →Inventory Controlling →Standard Analyses →Material Pricing Groups → Material Type MCBO

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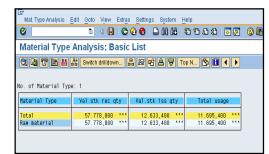
The standard analysis for materials will report valuated stock receipt quantity, valuated stock issued quantity and total usage criteria of all materials or those from the selection criteria entered. The results will be based on the period defined for the analysis.

# Material Type Analyses (Contd)

Perform this activity to view the following:

• Valuated stock received quantity

• Valuated stock issued quantity

• Total usage quantity

Additional Information

- While calculating key figures i.e. purchase order price, invoice receipt and value of goods receipt on an aggregated level (for example for material group or purchasing organization) can only occur if values with same currency and quantities are cumulated
- Updating of the key figures Average stock at receipt and Value of average stock at receipt in information structure is not continuous and must be activated

  To initiate update Choose Logistics →Logistics Controlling →Inventory Controlling →Standard Analyses →Parameter Controlling →Set up data

  Specify the period and characteristics for which data is to be updated in information structure and select Program →Execute
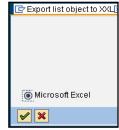
Additional Information

Exporting Reports to Excel Sheet

Display Invoice Document- MIR4

Cancel Invoice Document-MR8M

Cancel Invoice Document

Display Document

Invoice Document No.	5105609459
Fiscal Year	2015

Details Re Reversal Posting

Reversal Reason	
Posting Date	

Reason for Reversal (2)   10 Entries found

Restrictions

Reas	Text
01	Reversal in current period
02	Reversal in closed period
03	Actual reversal in current period
04	Actual reversal in closed period
05	Accrual
06	Asset transaction reversal
07	Incorrect document date
11	Real/ Deferral Reason for Co.Code 2812
41	Accrual/Deferral document
RE	Reversal, incorrect original date

Cancel Invoice Document

Display Document

Invoice Document No.	5105609459
Fiscal Year	2015

Details Re Reversal Posting

Reversal Reason	01
Posting Date	20.08.2015

Cancel Invoice Document-MR8M/ Click on Reverse button.

Invoice Document   Edit   Goto   System   Help

Reverse   (Ctrl+S)

Cancel Invoice Document

↺ Display Document

Invoice Document No.	5105609459
Fiscal Year	2015

Details Re Reversal Posting

Reversal Reason	01
Posting Date	20.08.2015

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Enter Company Code.

Enter Invoice Document Number for which you want to release the invoice block.

Enter Fiscal year.
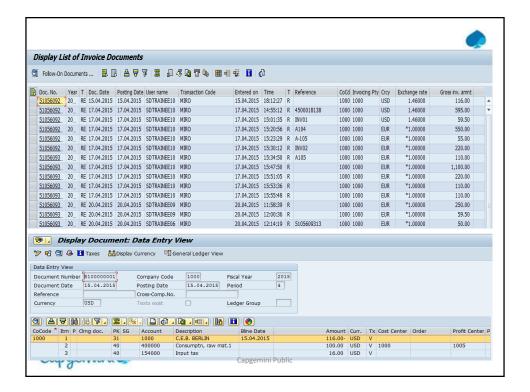
Select the option Blocked due to variance. Execute it. After execution please follow next slide.

Select line item and click on Release button as shown. After release Status will be changed as released. Now save it. You will get the message that 1 invoice is released.

Enter Fiscal Year, Company Code. Select the entry type as shown. Select the Invoice status as displayed. Execute it.

Display List of Invoice Documents

Follow-On Documents ...

Doc. No.	Year	T	Doc. Date	Posting Date	User name	Transaction Code	Entered on	Time	T	Reference	CoCd	Invoicing Pty	Crcy	Exchange rate	Gross inv. amnt
51056092	20..	RE	15.04.2015	15.04.2015	SDTRAINEE10	MIRO	15.04.2015	18:12:27	R		1000	1000	USD	1.46000	116.00
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	14:55:12	R	4500018138	1000	1000	USD	1.46000	595.00
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:01:35	R	INV01	1000	1000	USD	1.46000	59.50
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:20:56	R	A104	1000	1000	EUR	*1.00000	550.00
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:23:29	R	A-105	1000	1000	EUR	*1.00000	55.00
51056092	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:30:12	R	INV02	1000	1000	EUR	*1.00000	220.00
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:34:50	R	A105	1000	1000	EUR	*1.00000	110.00
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:47:50	R		1000	1000	EUR	*1.00000	1,100.00
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:51:05	R		1000	1000	EUR	*1.00000	220.00
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:53:36	R		1000	1000	EUR	*1.00000	110.00
51056093	20..	RE	17.04.2015	17.04.2015	SDTRAINEE10	MIRO	17.04.2015	15:55:48	R		1000	1000	EUR	*1.00000	110.00
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	11:58:39	R		1000	1000	EUR	*1.00000	250.00
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE09	MIRO	20.04.2015	12:00:36	R		1000	1000	EUR	*1.00000	59.50
51056093	20..	RE	20.04.2015	20.04.2015	SDTRAINEE06	MIRO	20.04.2015	12:14:19	R	5105609313	1000	1000	EUR	*1.00000	50.00

Display Document: Data Entry View

Taxes   Display Currency   General Ledger View

Data Entry View

Document Number	5100000001	Company Code	1000	Fiscal Year	2015
Document Date	15.04.2015	Posting Date	15.04.2015	Period	4
Reference		Cross-Comp.No.			
Currency	USD	Texts exist	☐	Ledger Group	

CoCode	Itm	P	Clrng doc.	PK	SG	Account	Description	Bline Date	Amount	Curr.	Tx	Cost Center	Order	Profit Center	P
1000	1			31		1000	C.E.B. BERLIN	15.04.2015	116.00-	USD	V				
	2			40		400000	Consumptn, raw mat.1		100.00	USD	V	1000		1005	
	3			40		154000	Input tax		16.00	USD	V				

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After execution system will display list of invoice documents. From here you can check the follow on documents for required Invoices. Select the Invoice number and click on follow on documents to check the invoice accounting. You can fetch the data to an excel sheet from this report.
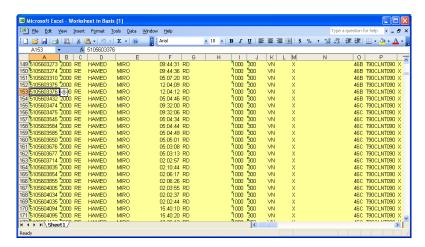
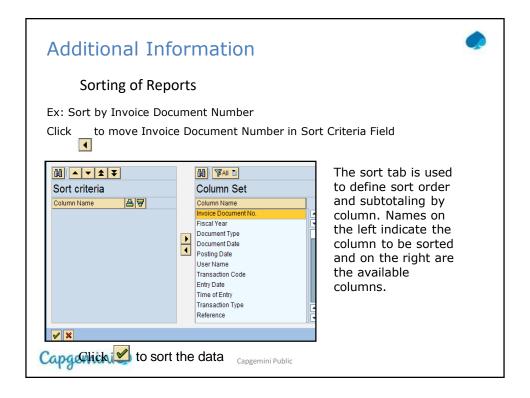# Exporting Reports to Excel Sheet

Data must be saved in Excel before going back to SAP screen

After a report has been generated, there are many options available for customizing the data within the

ALV grid. The sections below give more information for using the available options.

1. Modifying Columns

Resize Columns

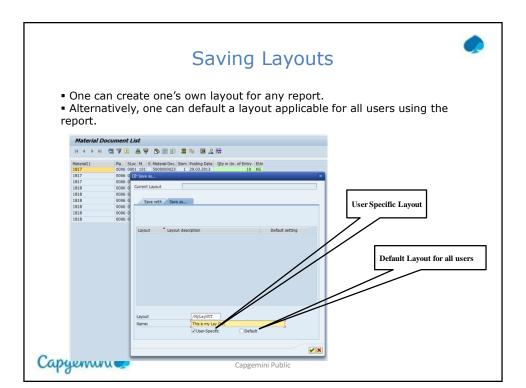**Move Columns**

Freeze Columns

Sort Columns

Hide Columns

Calculate Columns
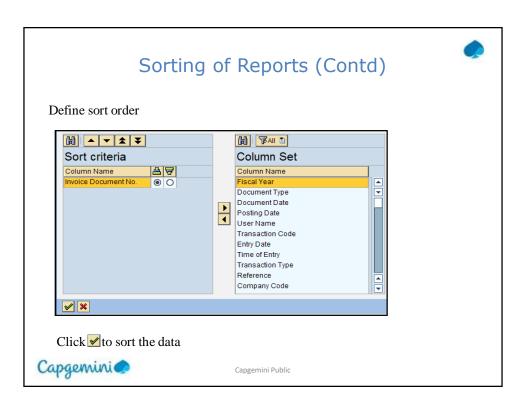
2. Navigating Subtotals

3. Change a Report Layout

Change Column Order

Change Sort Order

Apply Filter

Saving Layouts

- One can create one's own layout for any report.
- Alternatively, one can default a layout applicable for all users using the report.

User Specific Layout

Default Layout for all users

Sorting of Reports (Contd)

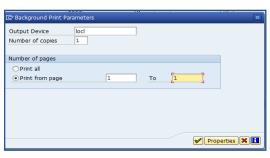Define sort order

Click ✔ to sort the data

Executing Reports in Background

▪ For Reports with Huge data output one can run the report in background (meaning will not affect the current session and will be run on server). The output will be stored on the server

▪ One can always go back to see the output of the report through SM37 - transaction code.

▪ This saves time and resources.

▪ In many cases if the data to be pulled out is huge - it may result in short dumps in the system. However, running them in background will get you desired output.
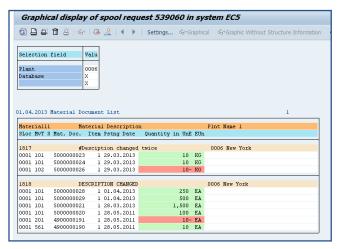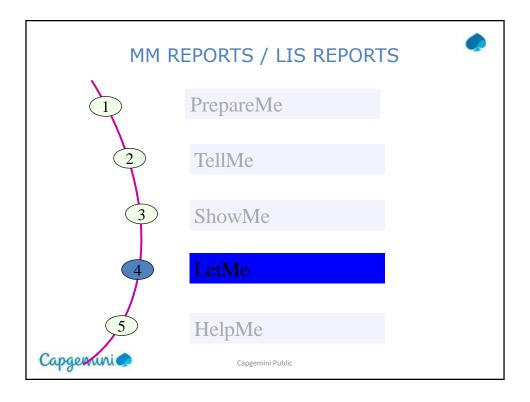
Executing Reports in Background

Start Time

SM37

Final Report Output (downloadable format)

Graphical display of spool request 539060 in system EC5

Settings... Graphical Graphic Without Structure Information

Selection field	Valu
Plant	0006
Database	X
	X

01.04.2013 Material Document List   1

Material11	Material Description			Plnt Name 1	
SLoc MvT S Mat. Doc.	Item Pstng Date	Quantity in UnE EUn			

1817		#Desciption changed twice		0006 New York	
0001 101	5000000023	1 29.03.2013	10 KG		
0001 101	5000000024	1 29.03.2013	10 KG		
0001 102	5000000026	1 29.03.2013	10- KG		

1818		DESCRIPTION CHANGED		0006 New York	
0001 101	5000000028	1 01.04.2013	250 EA		
0001 101	5000000029	1 01.04.2013	500 EA		
0001 101	5000000021	1 28.03.2013	1,500 EA		
0001 101	5000000020	1 28.05.2011	100 EA		
0001 201	4900000191	1 28.05.2011	10- EA		
0001 561	4900000190	1 28.05.2011	10 EA		

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MM REPORTS / LIS REPORTS

1. PrepareMe

2. TellMe

3. ShowMe

4. **LetMe**

5. HelpMe

Exercise

1. Display a list of all PO's for Purchasing Organization ---- and Plant ---- for which good receipt have taken place.

2. How would you Drill Down on a Purchase Order in order to see the detailed line items?

3. What is difference between MM Report and LIS Report ?

Transaction Codes

MB51	Material Doc. List
MB5L	List of Stock Values: Balances
MBBS	Display valuated special stock
MC$G	PURCHIS: Material PurchVal Selection
MC$I	PURCHIS: Material PurchQty Selection
MC.1	INVCO: Plant Anal. Selection: Stock
MC.2	INVCO: Plant Anal.Selection, Rec/Iss
MC.5	INVCO: SLoc Anal. Selection, Stock
MC.9	INVCO: Material Anal.Selection,Stock
MC.A	INVCO: Mat.Anal.Selection, Rec/Iss
MC.L	INVCO: Mat.Group Analysis Sel. Stock

Transaction Codes

MC48 INVCO: Anal. of Current Stock Values

MC50 INVCO: Analysis of Dead Stock

MCBA INVCO: Plant Analysis Selection

MCBC INVCO: Stor. Loc. Analysis Selection

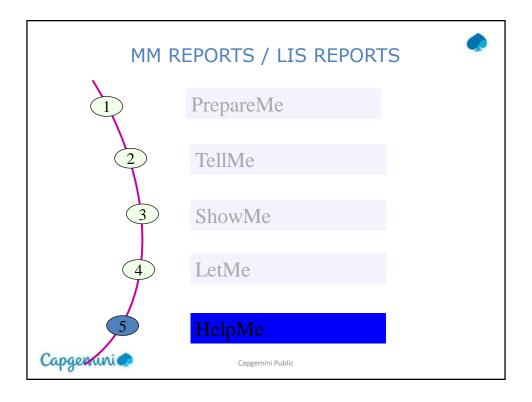MCBE INVCO: Material Analysis Selection

MCBK INVCO: MatGrp Analysis Selection

MCBR INVCO: Batch Analysis Selection

MCE1 PURCHIS: PurchGrp Analysis Selection

MCE3 PURCHIS: Vendor Analysis Selection

MM REPORTS / LIS REPORTS

1 PrepareMe

2 TellMe

3 ShowMe

4 LetMe

5 HelpMe

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Information Structures

Following information structures are available in Purchasing information system

- S011 " Purchasing Group"
- S012 " Purchasing"
- S013 " Vendor Evaluation"
- S015 " Subsequent Settlement"

Information structure available in Inventory Controlling

- S031 " Movements"
- S032 " Stocks"
- S033 " Movements" (Individual Records)
- S034 " Movements" (Batches)
- S035 " Stocks (Batches)
- S039 " Planning"
- S094 " Stock / Requirement Analysis